

*Cho Chikun's
Encyclopedia of
Life & Death*

Part 1 — Elementary

Motto

*“It is a matter of life and death, a road either to safety or to ruin.
Hence it is a subject of inquiry which can on no account be neglected.”*

— Sun Tzu: *The Art of War*

Preface

This is a collection of almost three thousand problems from Encyclopedia of Life and Death by Cho Chikun. The problems come without solutions for two reasons: first, one can learn more by reading out all the paths and solving the problems oneself; second, the solutions are copyrighted. All the problems are **black to move**.

In this first part, you'll find about nine hundred problems for beginners. A dan player should find the solution in a few seconds and will need about an hour solve the whole book.

I wish you enjoyment and improvement in the wonderful game of go, weiqi, baduk, or whatever you like to call it.

Vit 'tasuki' Brunner

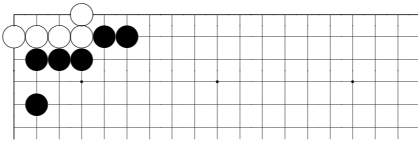
November 2004

Anniversary edition

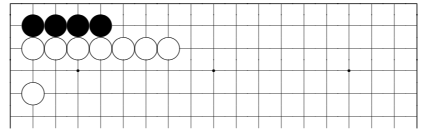
It's been 13 and a half years. This booklet has been downloaded over a hundred thousand times. I never imagined the reach it would have. The anniversary edition comes with a better layout and wording. And — glad you asked — some of the problems are still unsolvable!

Vit 'tasuki' Brunner

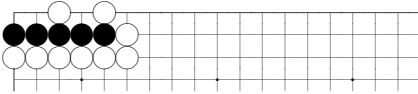
June 2018



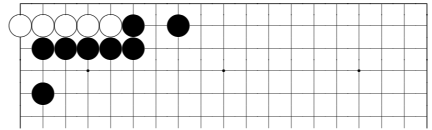
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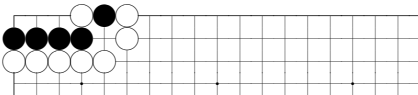
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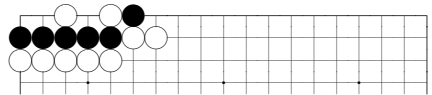
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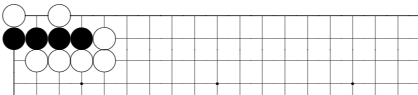
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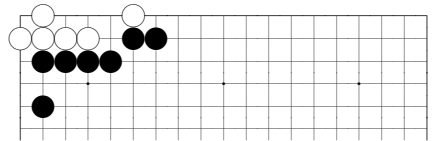
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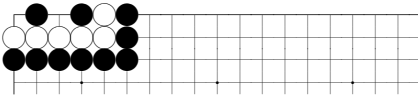
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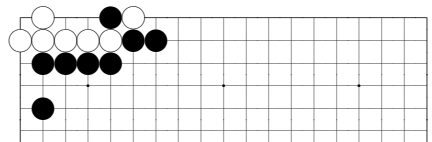
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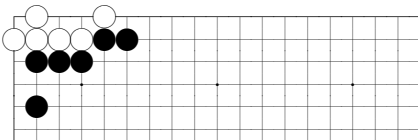
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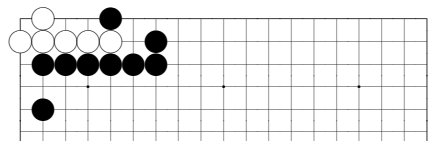
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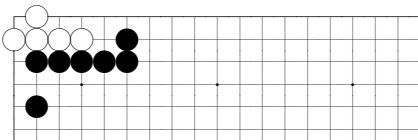
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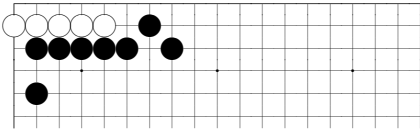
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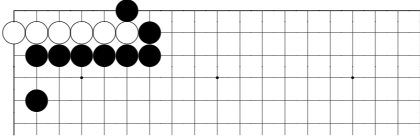
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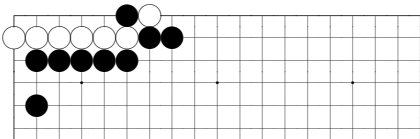
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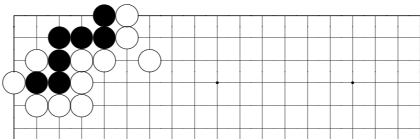
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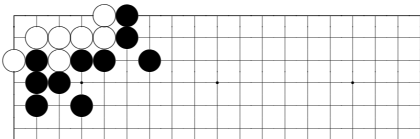
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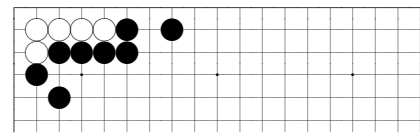
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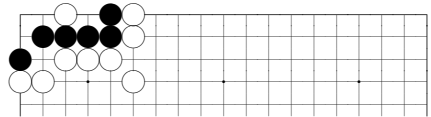
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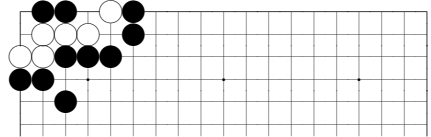
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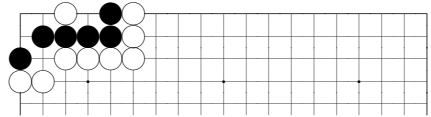
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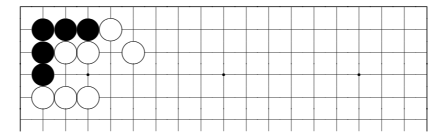
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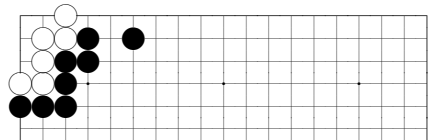
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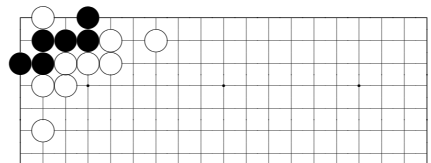
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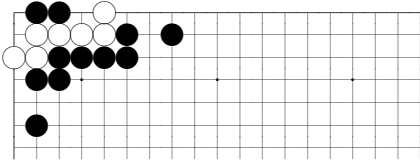
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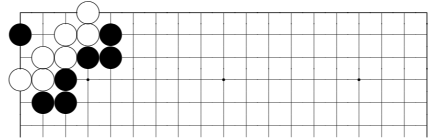
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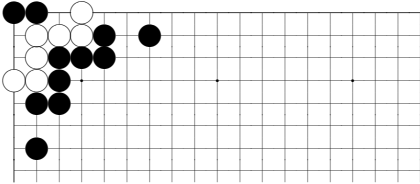
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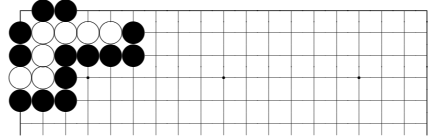
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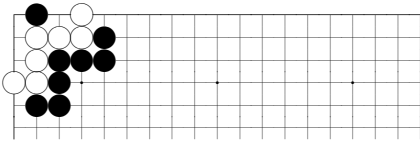
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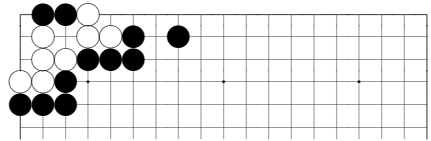
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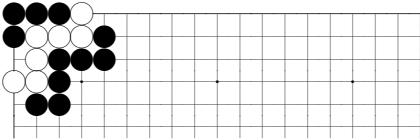
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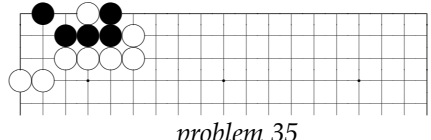
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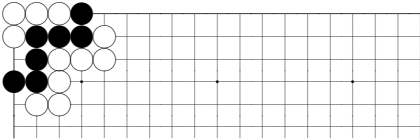
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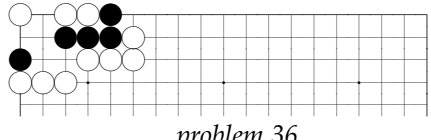
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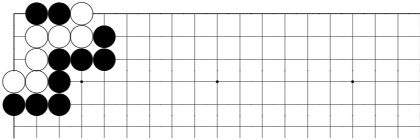
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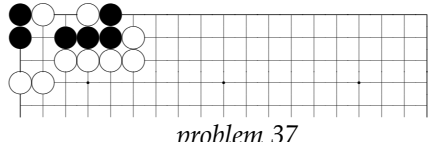
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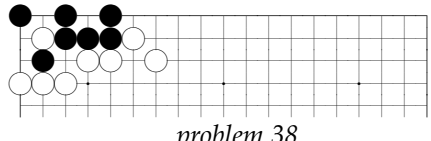
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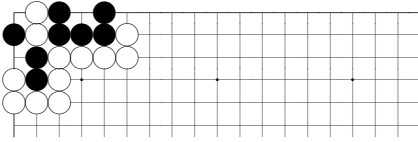
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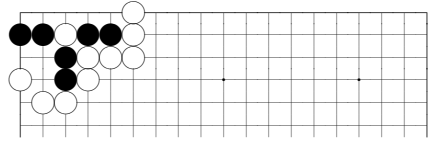
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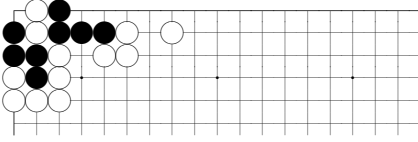
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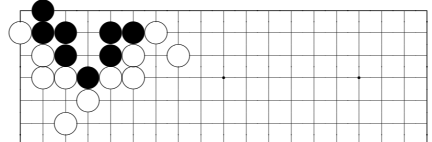
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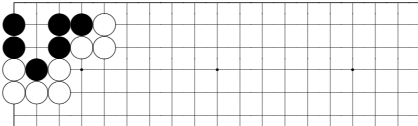
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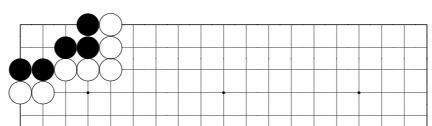
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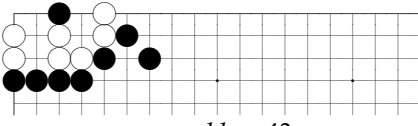
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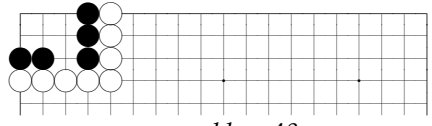
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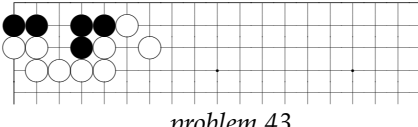
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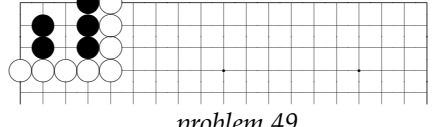
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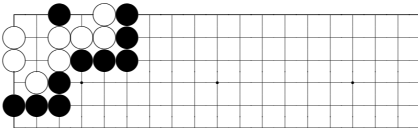
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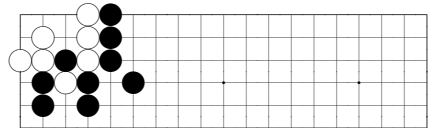
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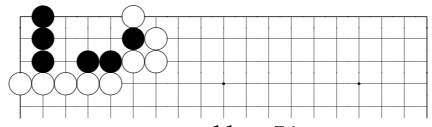
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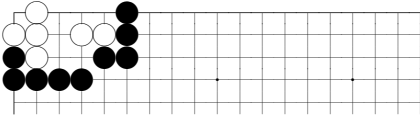
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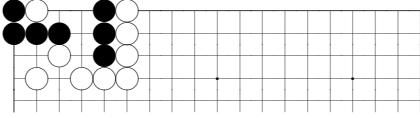
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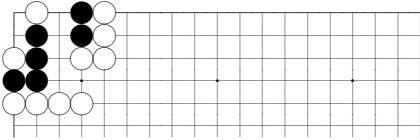
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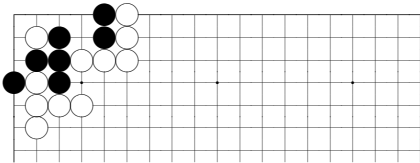
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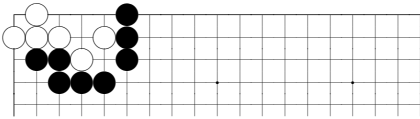
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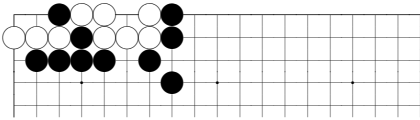
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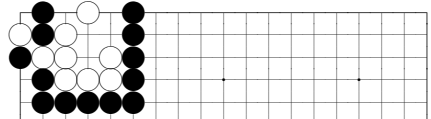
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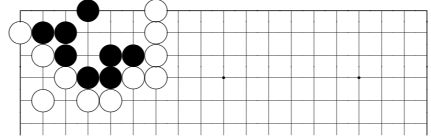
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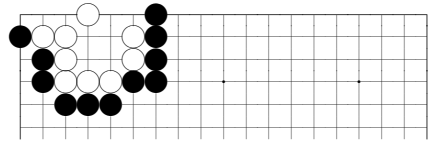
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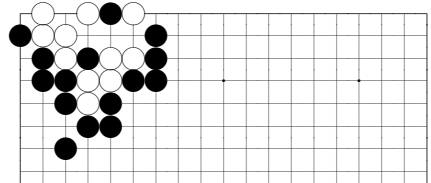
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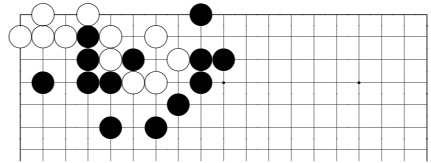
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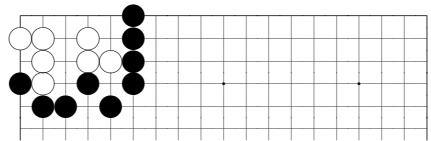
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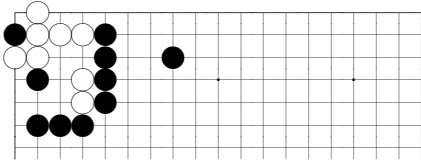
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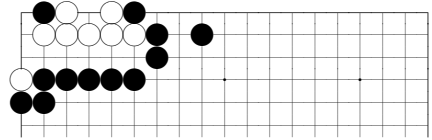
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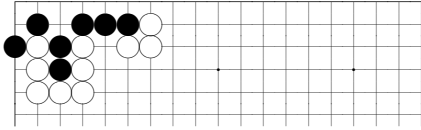
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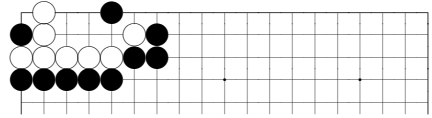
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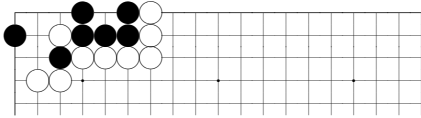
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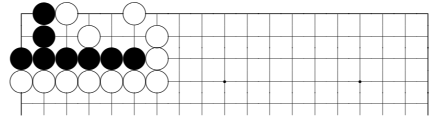
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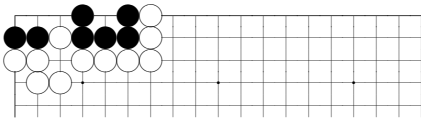
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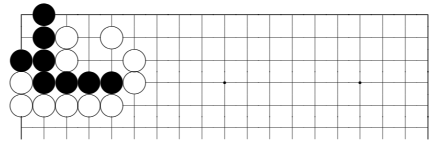
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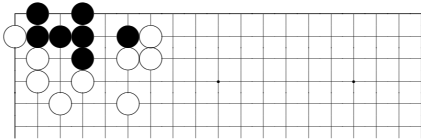
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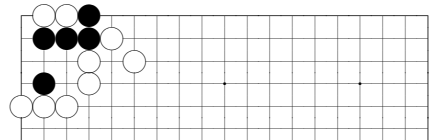
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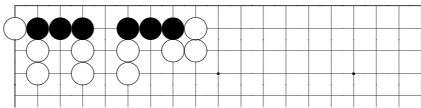
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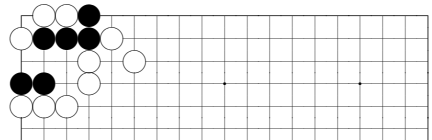
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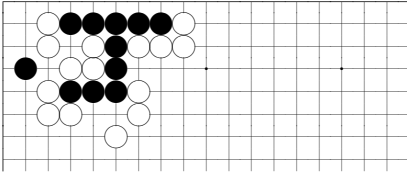
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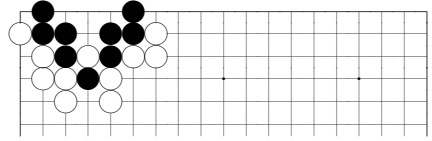
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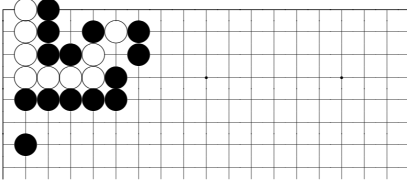
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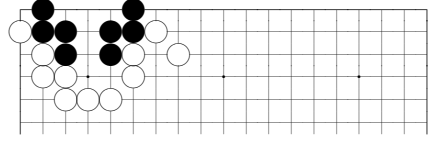
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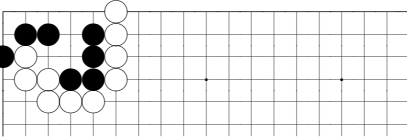
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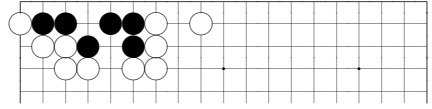
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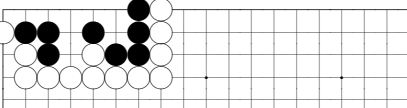
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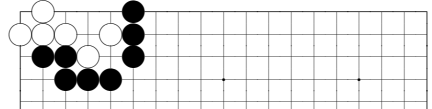
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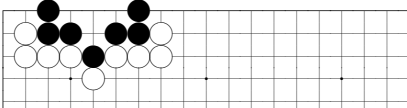
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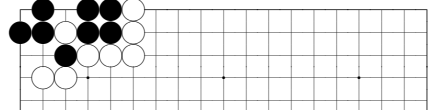
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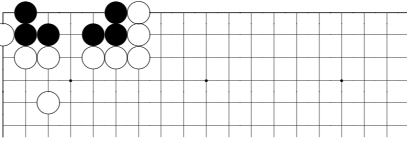
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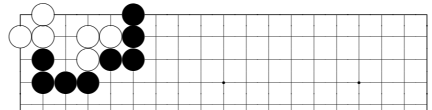
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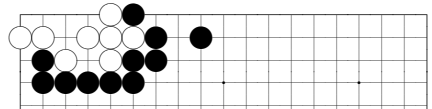
problem 87



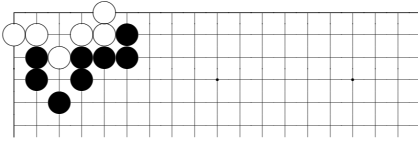
problem 82



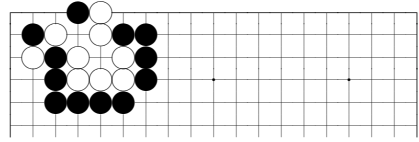
problem 88



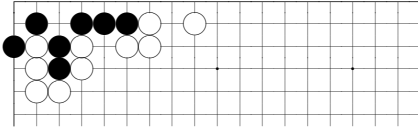
problem 89



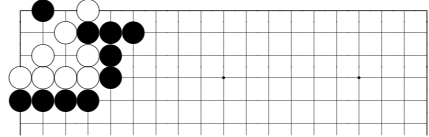
problem 90



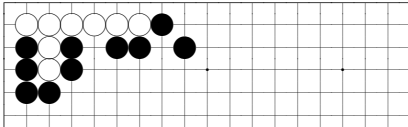
problem 97



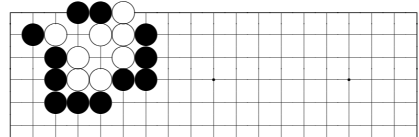
problem 91



problem 98



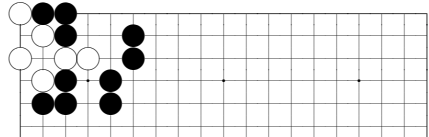
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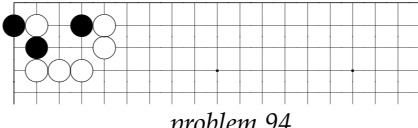
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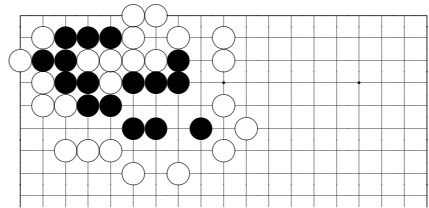
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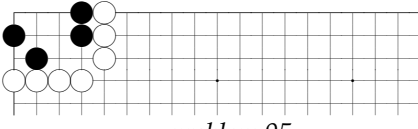
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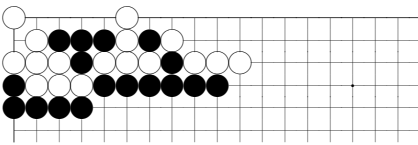
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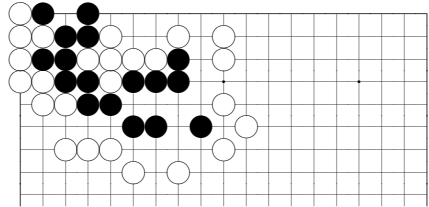
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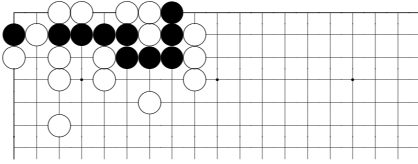
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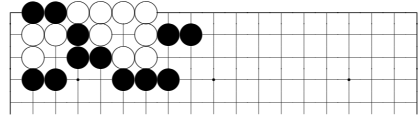
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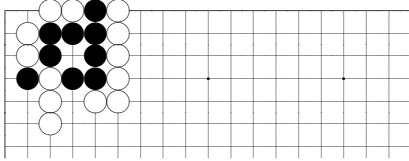
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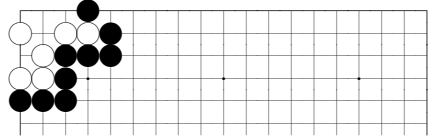
problem 103



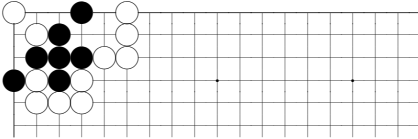
problem 109



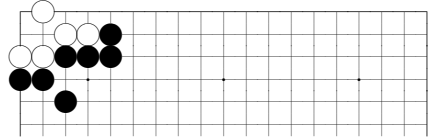
problem 104



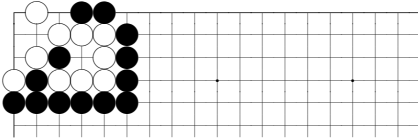
problem 110



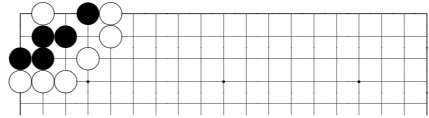
problem 105



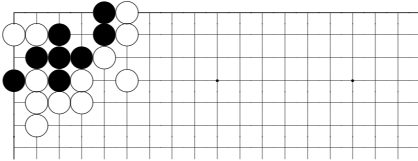
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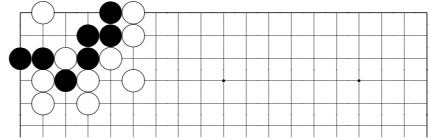
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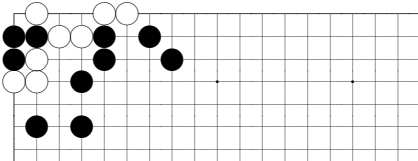
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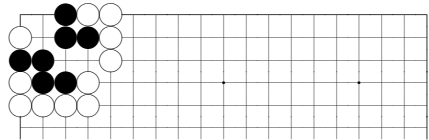
problem 107



problem 113



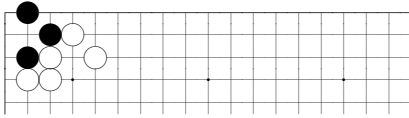
problem 108



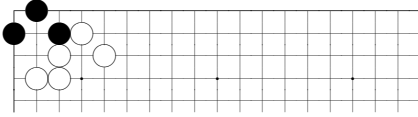
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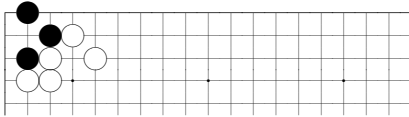
problem 115



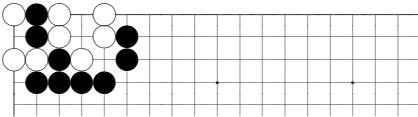
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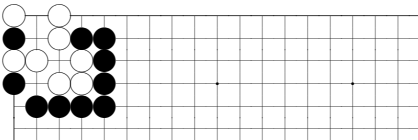
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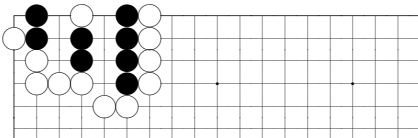
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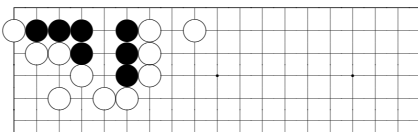
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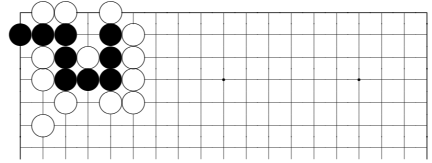
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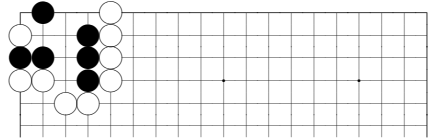
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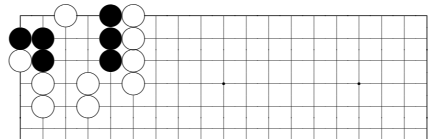
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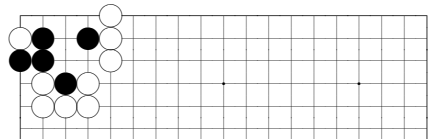
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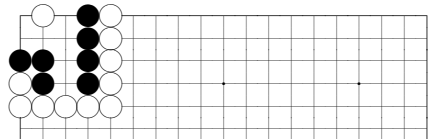
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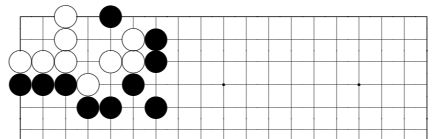
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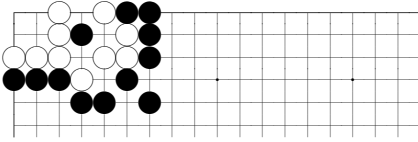
problem 126



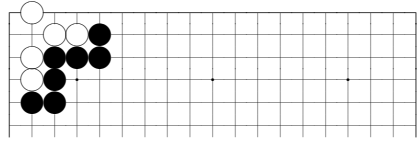
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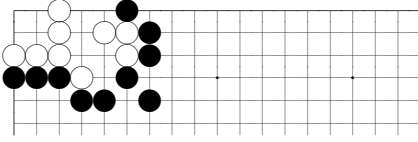
problem 128



problem 129



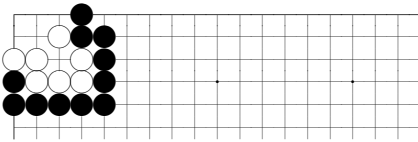
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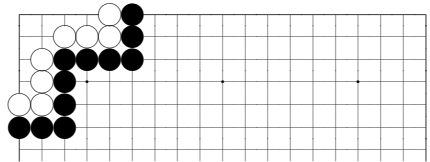
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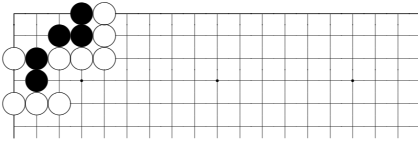
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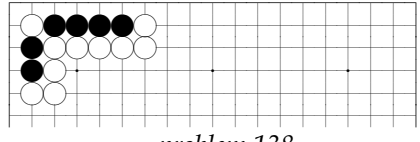
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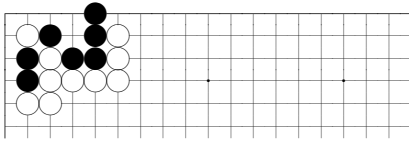
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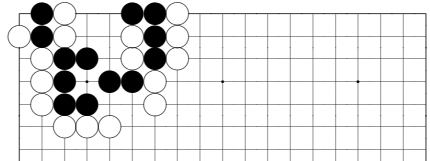
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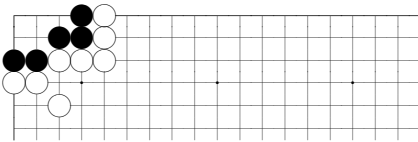
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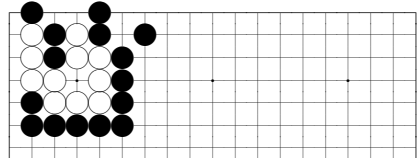
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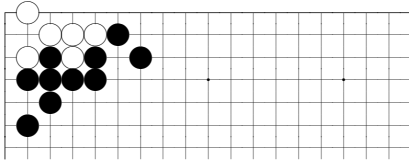
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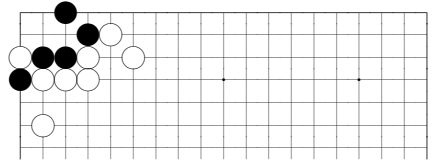
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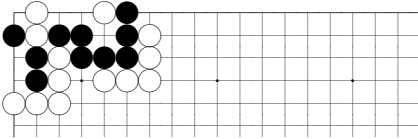
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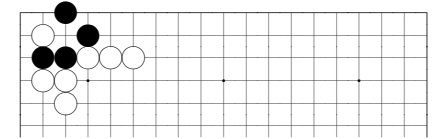
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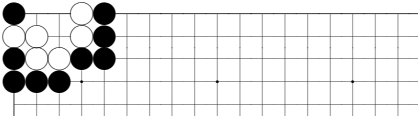
problem 148



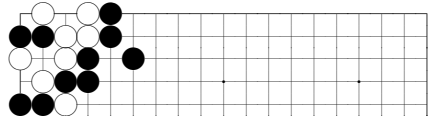
problem 142



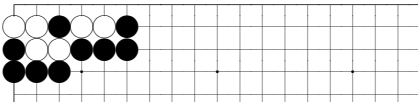
problem 149



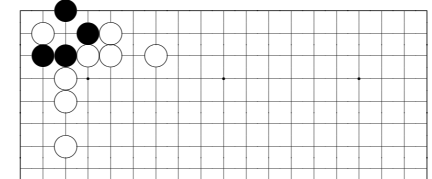
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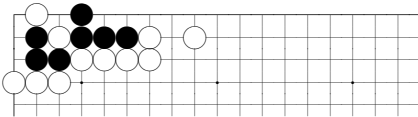
problem 150



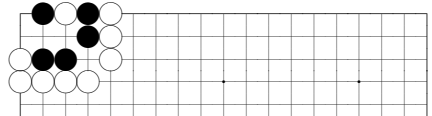
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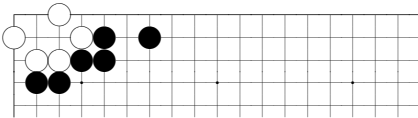
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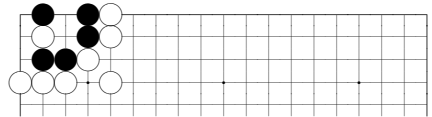
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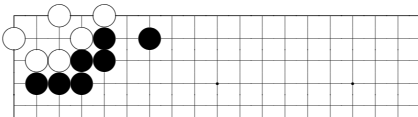
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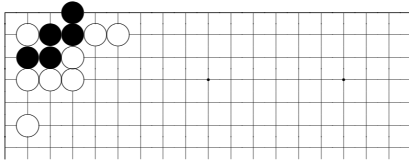
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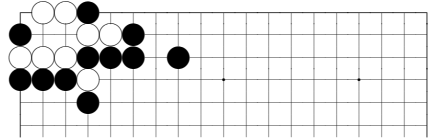
problem 153



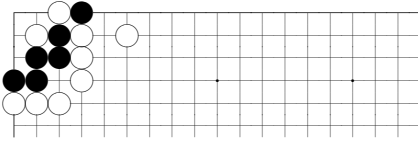
problem 147



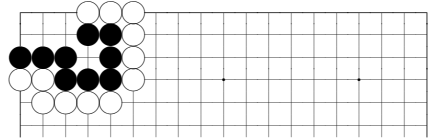
problem 154



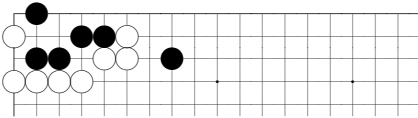
problem 161



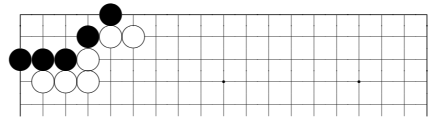
problem 155



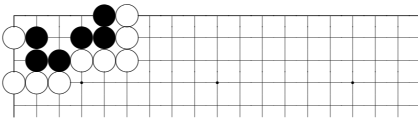
problem 162



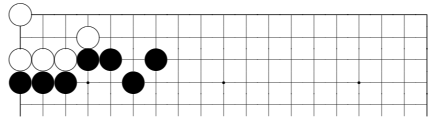
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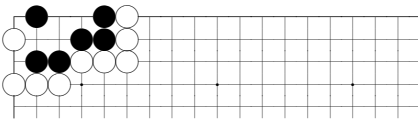
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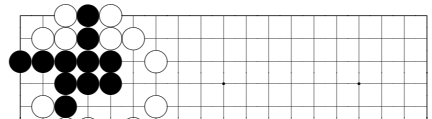
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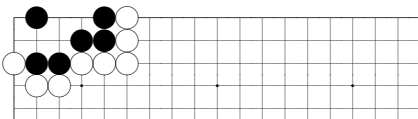
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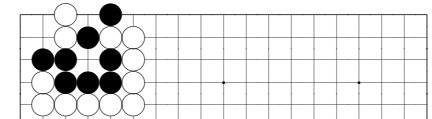
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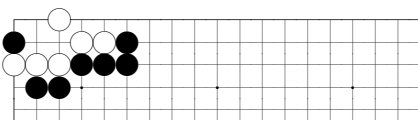
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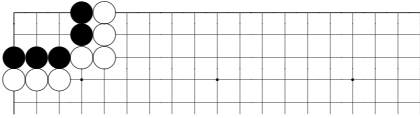
problem 159



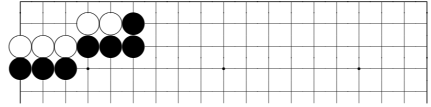
problem 166



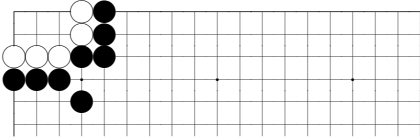
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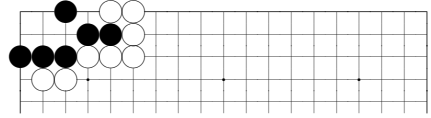
problem 167



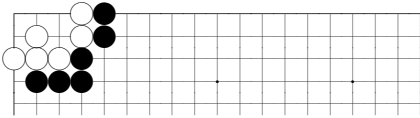
problem 174



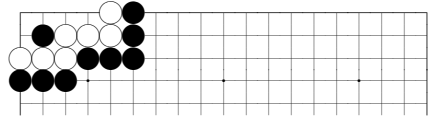
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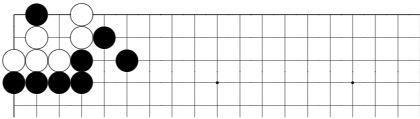
problem 175



problem 169



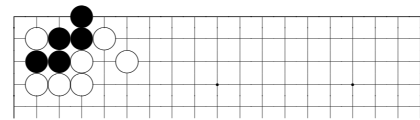
problem 176



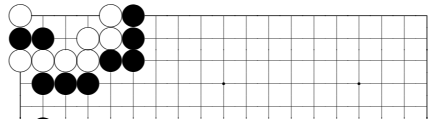
problem 170



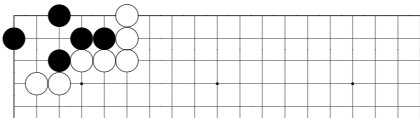
problem 177



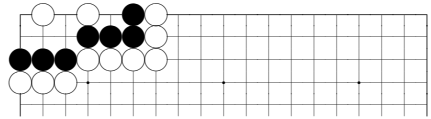
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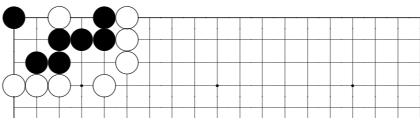
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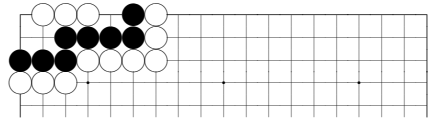
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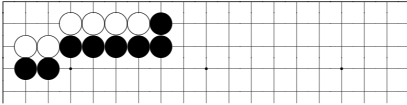
problem 179



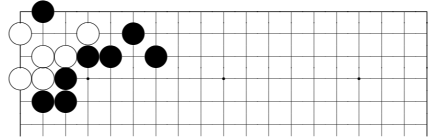
problem 173



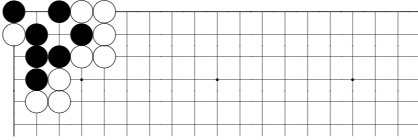
problem 180



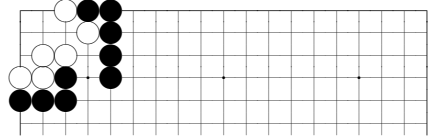
problem 181



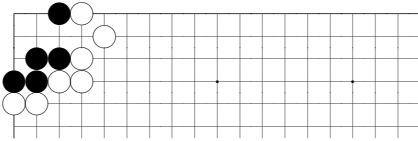
problem 187



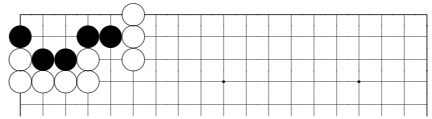
problem 182



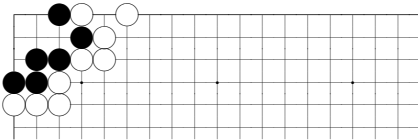
problem 188



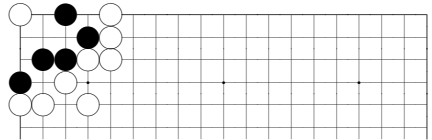
problem 183



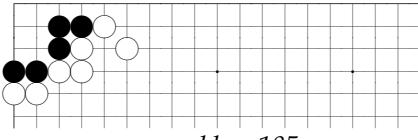
problem 189



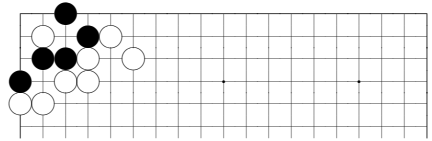
problem 184



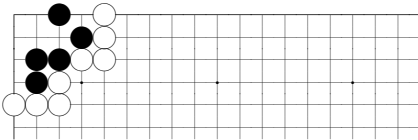
problem 190



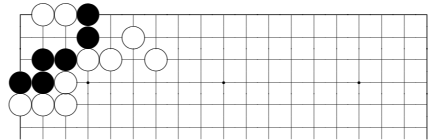
problem 185



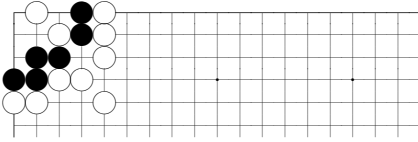
problem 191



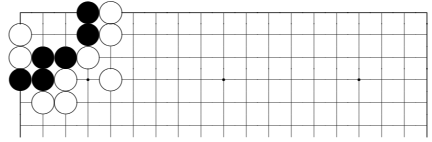
problem 186



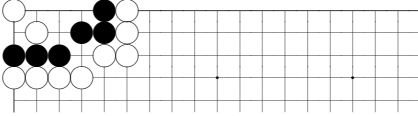
problem 192



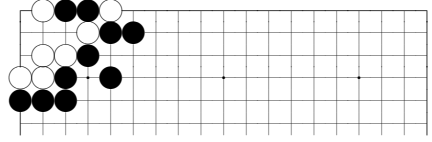
problem 193



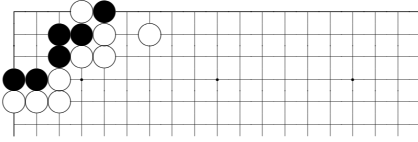
problem 199



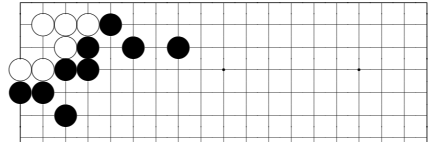
problem 194



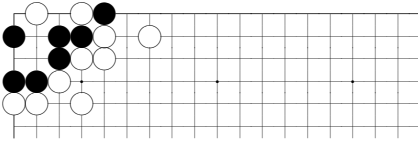
problem 200



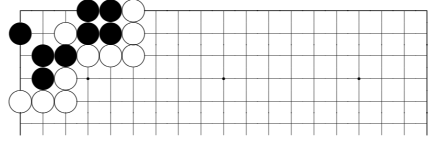
problem 195



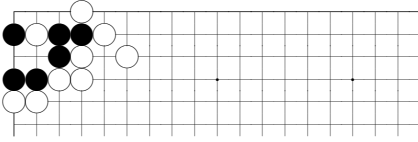
problem 201



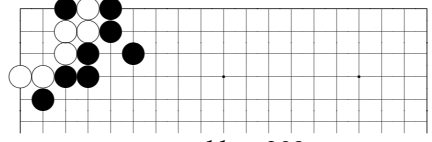
problem 196



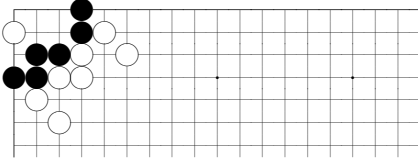
problem 202



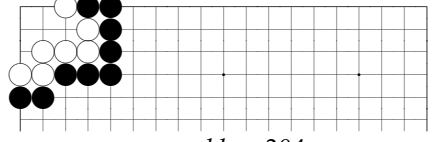
problem 197



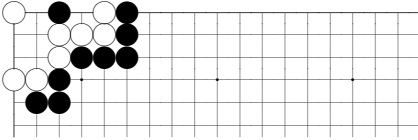
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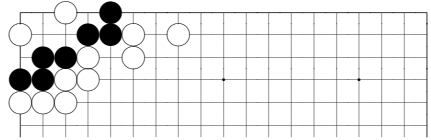
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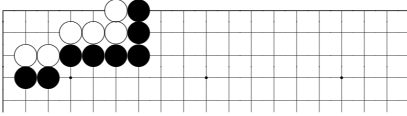
problem 204



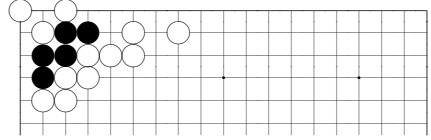
problem 205



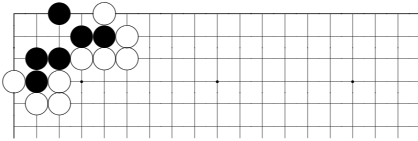
problem 211



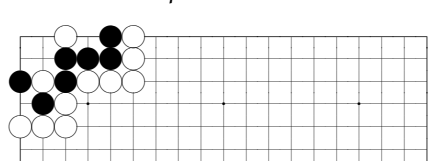
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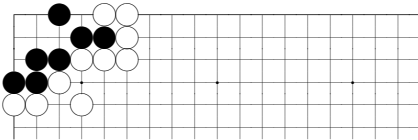
problem 212



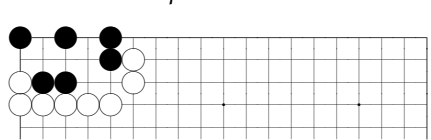
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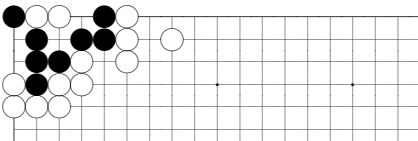
problem 213



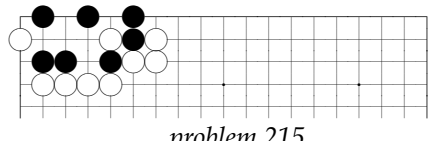
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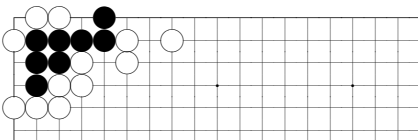
problem 214



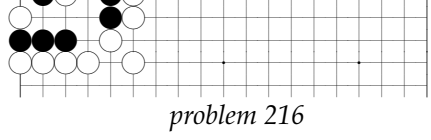
problem 209



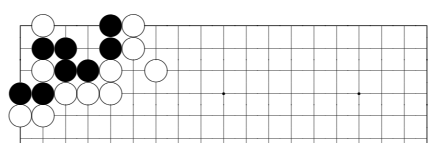
problem 215



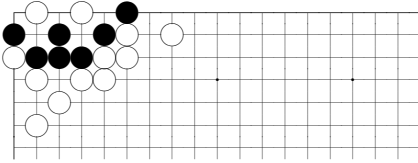
problem 210



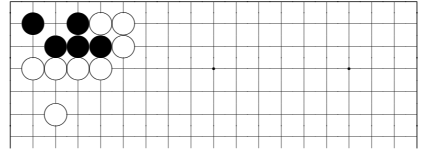
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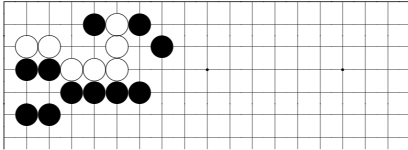
problem 217



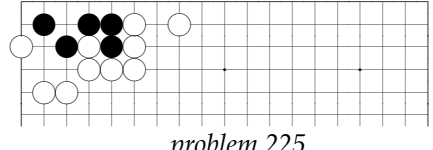
problem 218



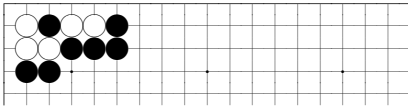
problem 224



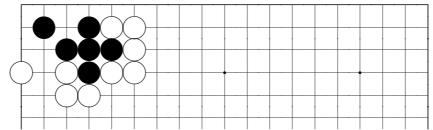
problem 219



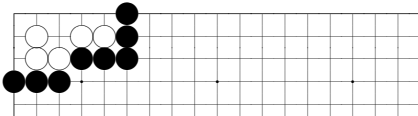
problem 225



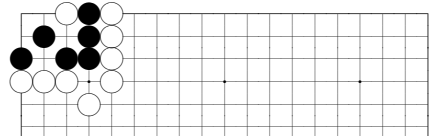
problem 220



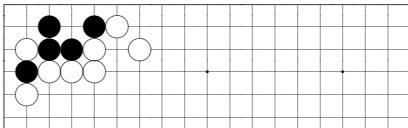
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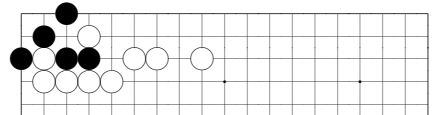
problem 221



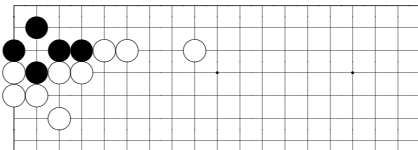
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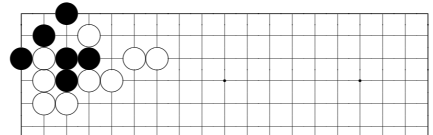
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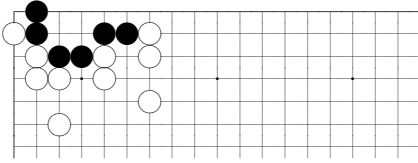
problem 228



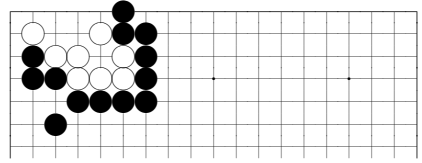
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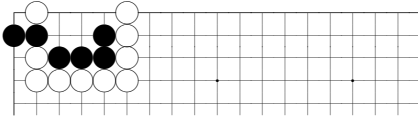
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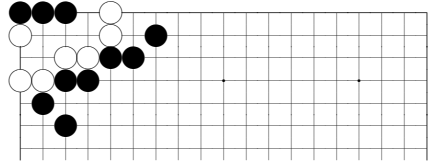
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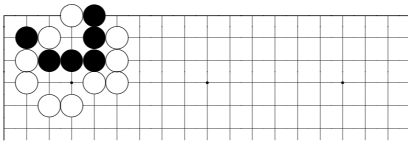
problem 237



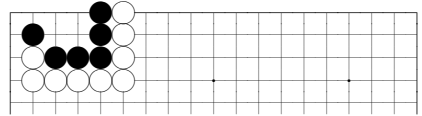
problem 231



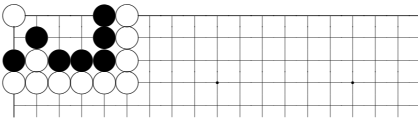
problem 238



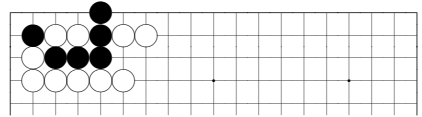
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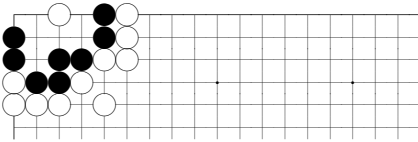
problem 239



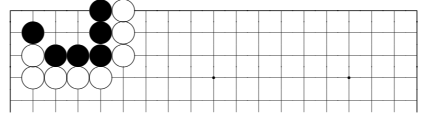
problem 233



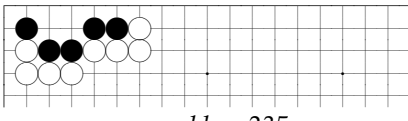
problem 240



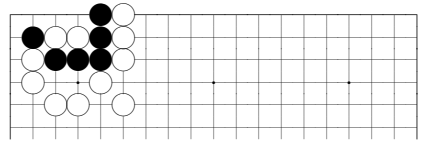
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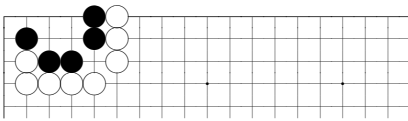
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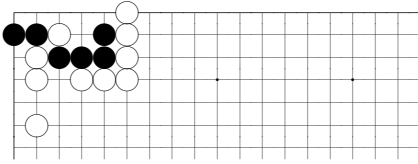
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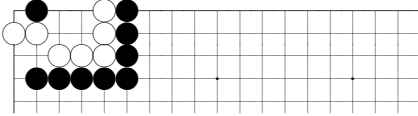
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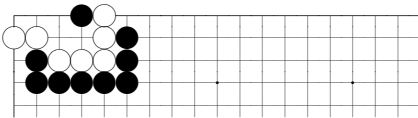
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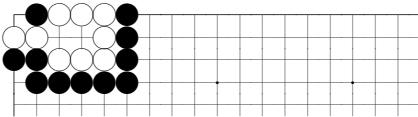
problem 243



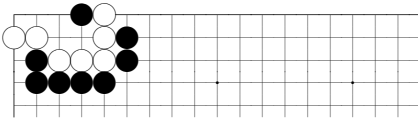
problem 244



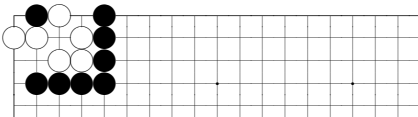
problem 245



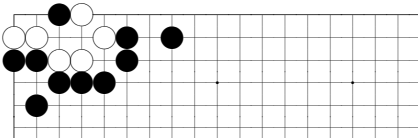
problem 246



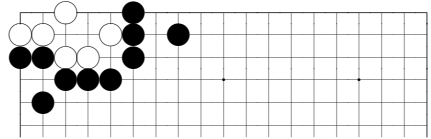
problem 247



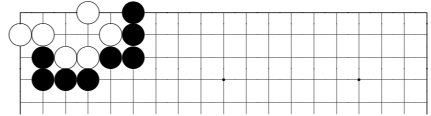
problem 248



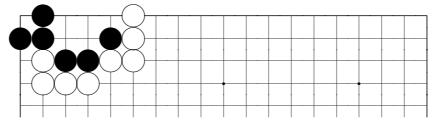
problem 249



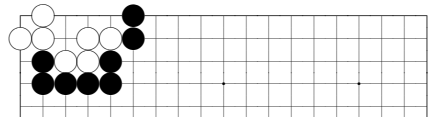
problem 250



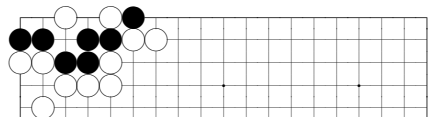
problem 251



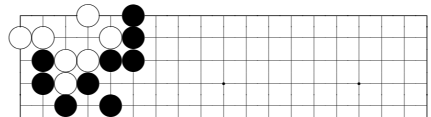
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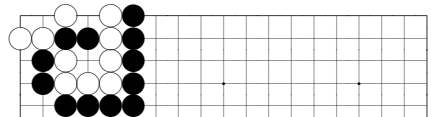
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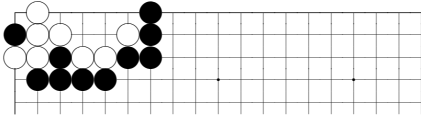
problem 254



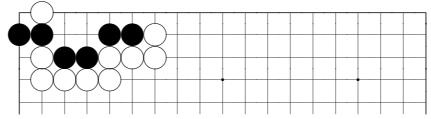
problem 255



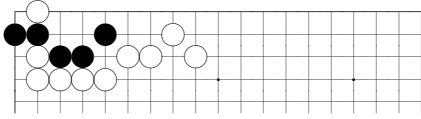
problem 256



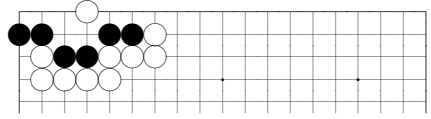
problem 257



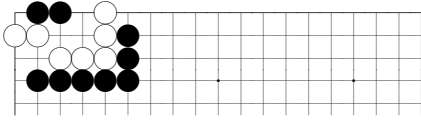
problem 264



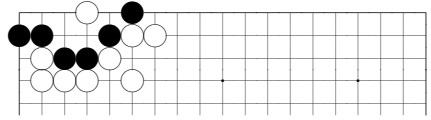
problem 258



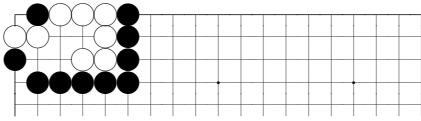
problem 265



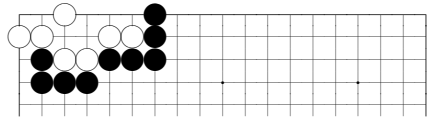
problem 259



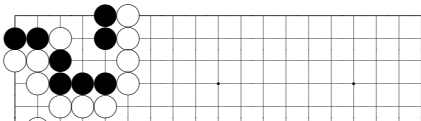
problem 266



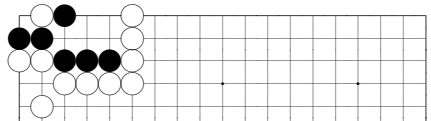
problem 260



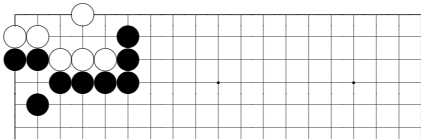
problem 267



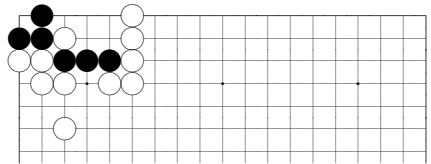
problem 261



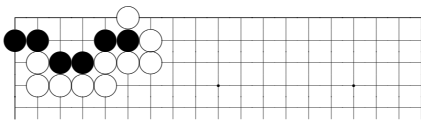
problem 268



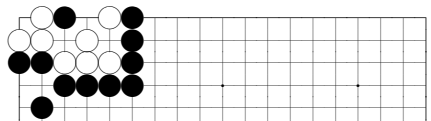
problem 262



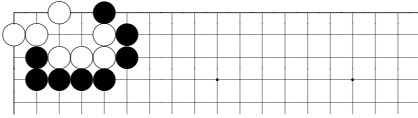
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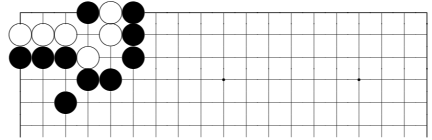
problem 263



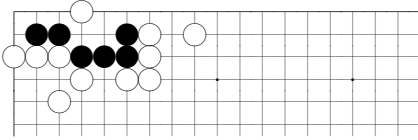
problem 270



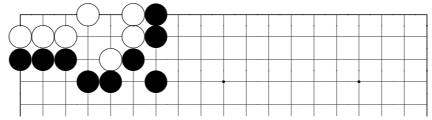
problem 271



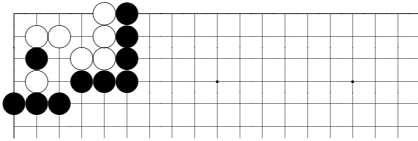
problem 278



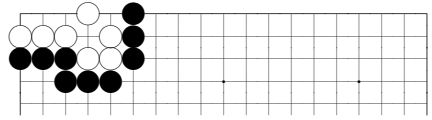
problem 272



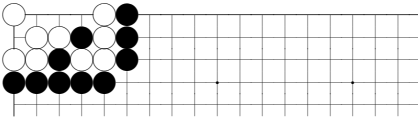
problem 279



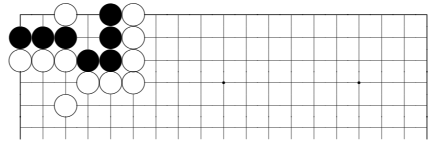
problem 273



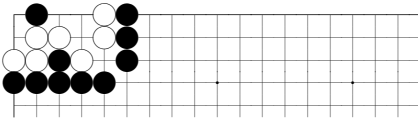
problem 280



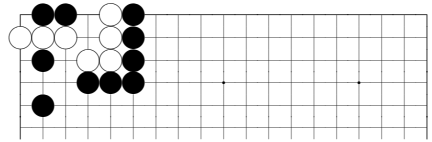
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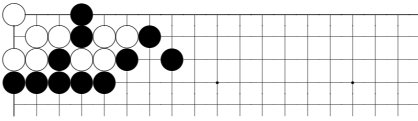
problem 281



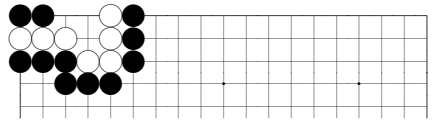
problem 275



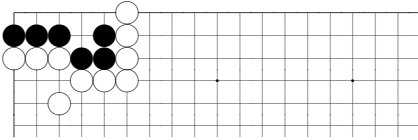
problem 282



problem 276



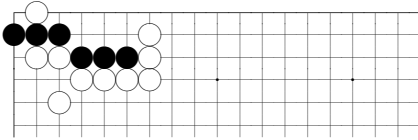
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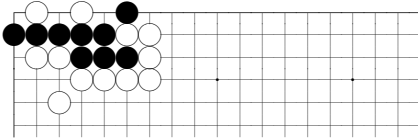
problem 277



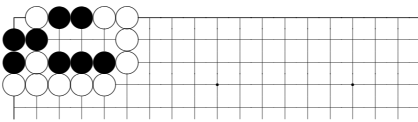
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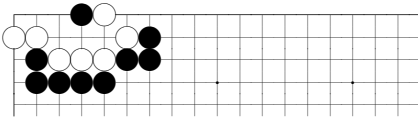
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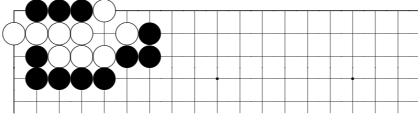
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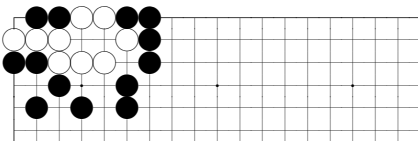
problem 287



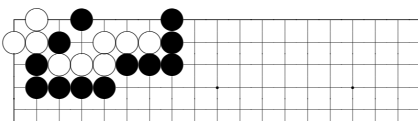
problem 288



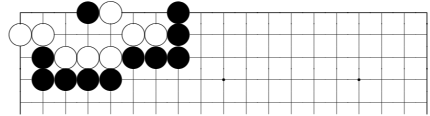
problem 289



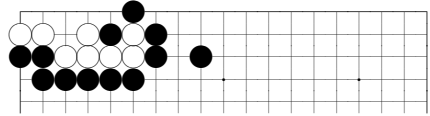
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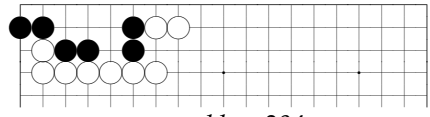
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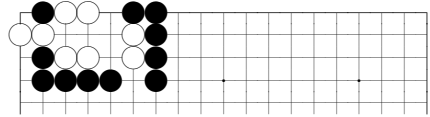
problem 292



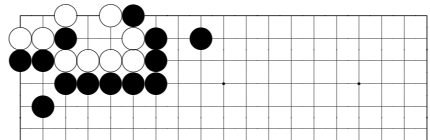
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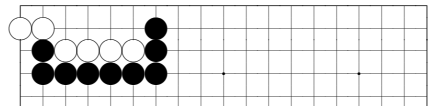
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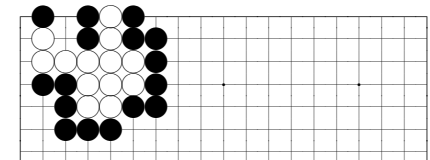
problem 295



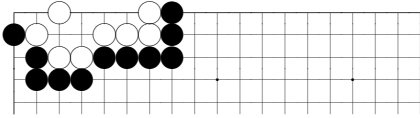
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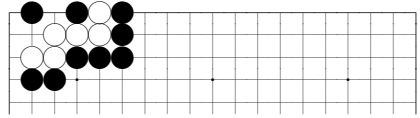
problem 297



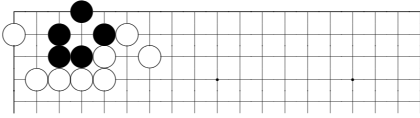
problem 298



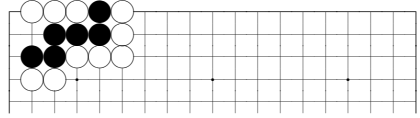
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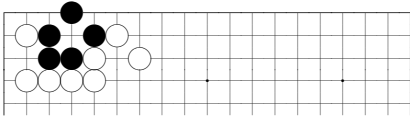
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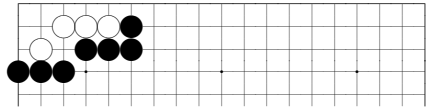
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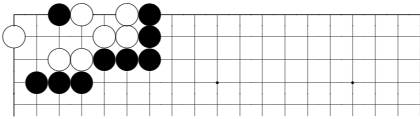
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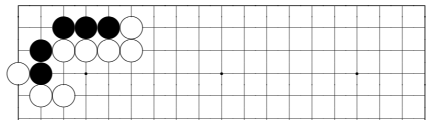
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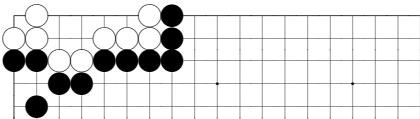
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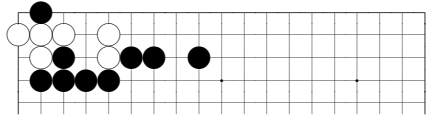
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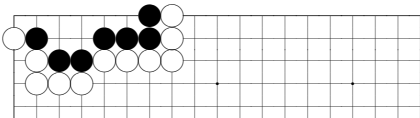
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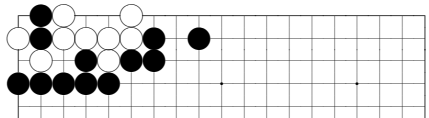
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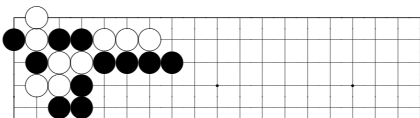
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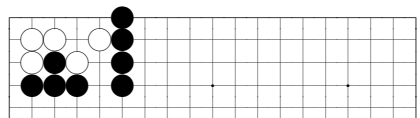
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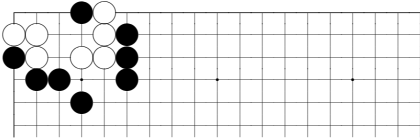
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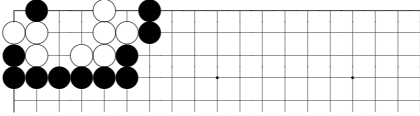
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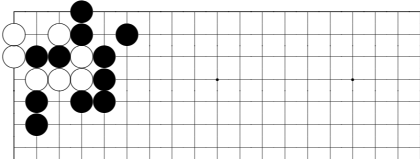
problem 312



problem 313



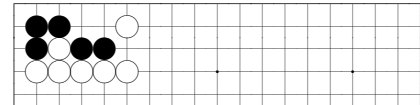
problem 314



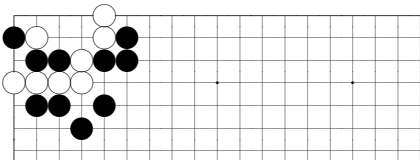
problem 315



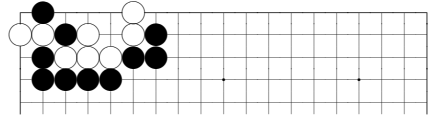
problem 316



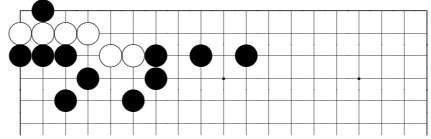
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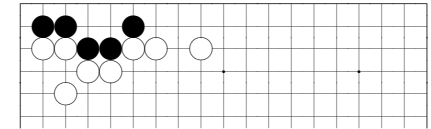
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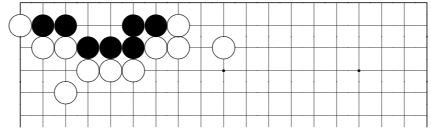
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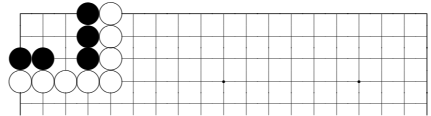
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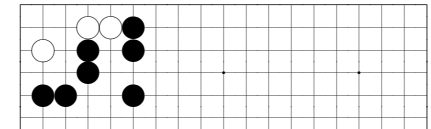
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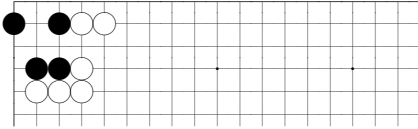
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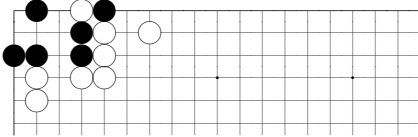
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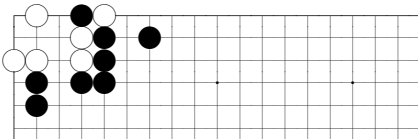
problem 324



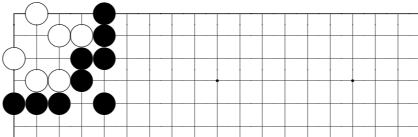
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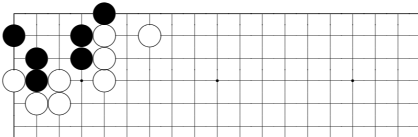
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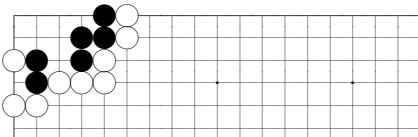
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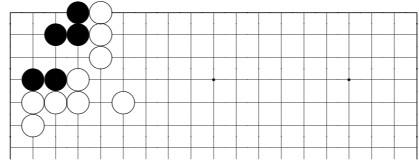
problem 328



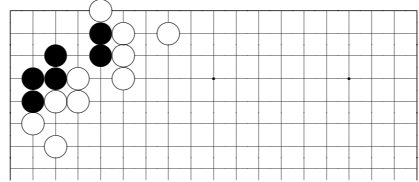
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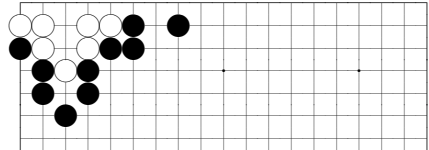
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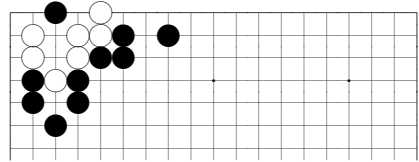
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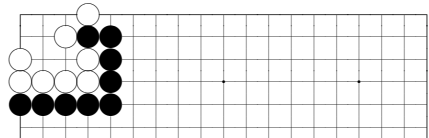
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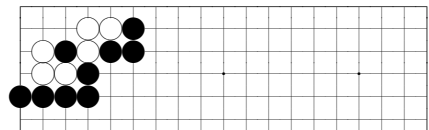
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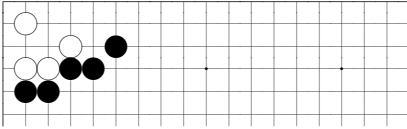
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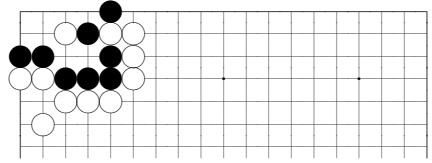
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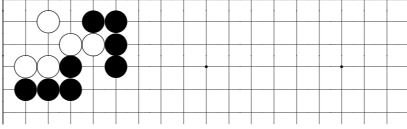
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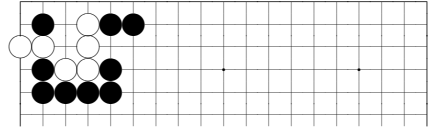
problem 337



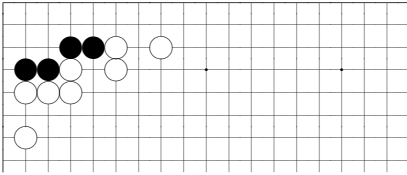
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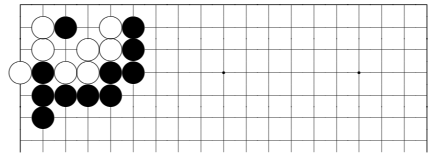
problem 338



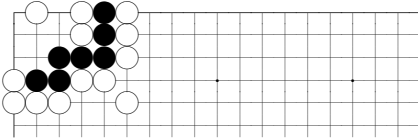
problem 344



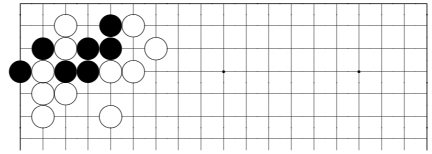
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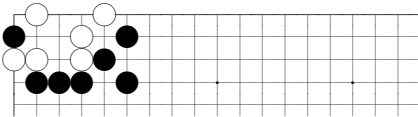
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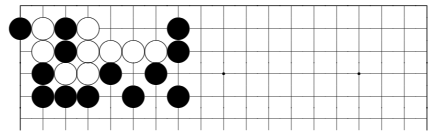
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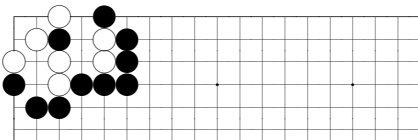
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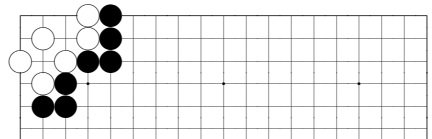
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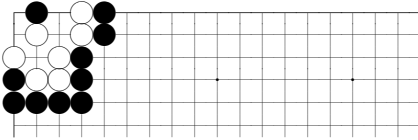
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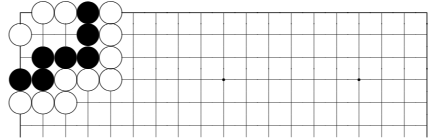
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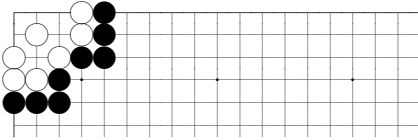
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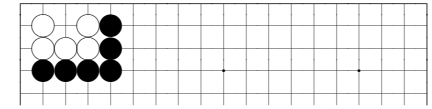
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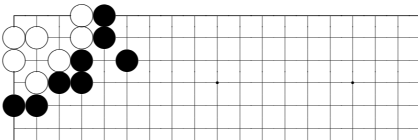
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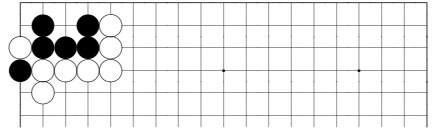
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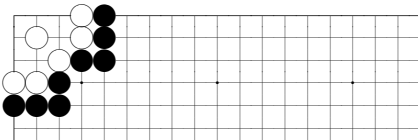
problem 356



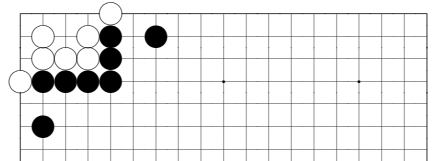
problem 351



problem 357



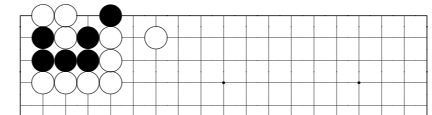
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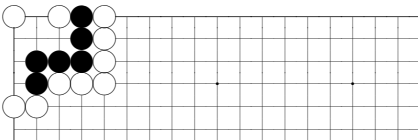
problem 358



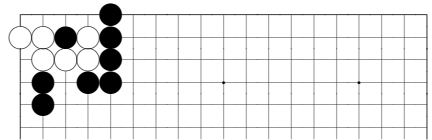
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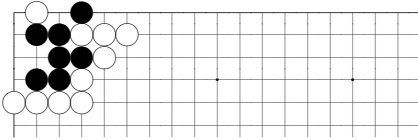
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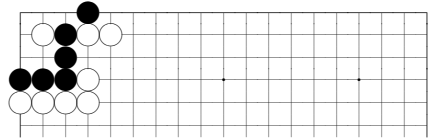
problem 354



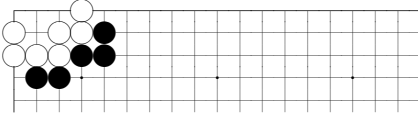
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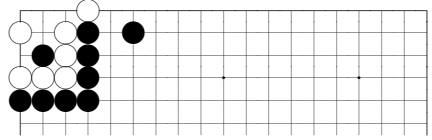
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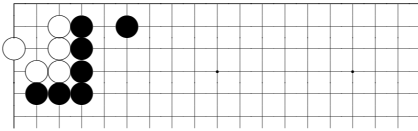
problem 368



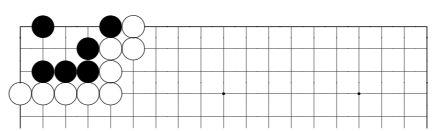
problem 362



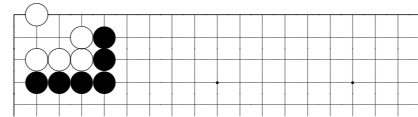
problem 369



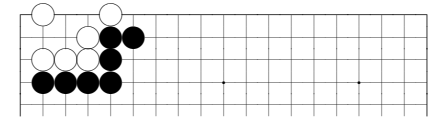
problem 363



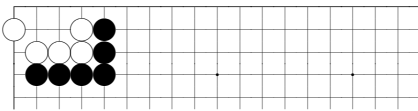
problem 370



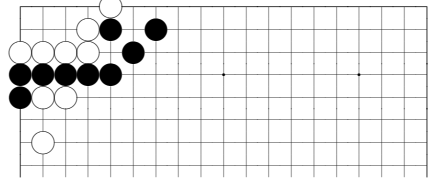
problem 364



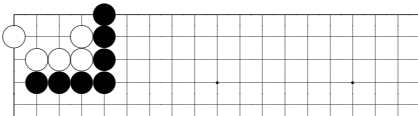
problem 371



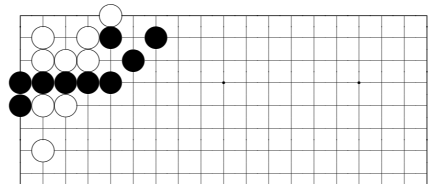
problem 365



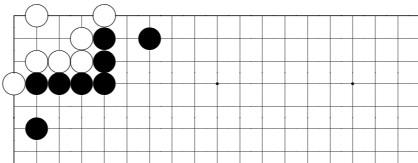
problem 372



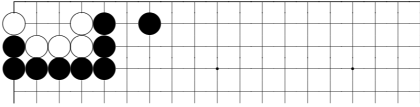
problem 366



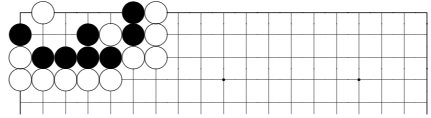
problem 373



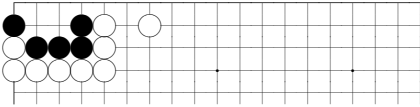
problem 367



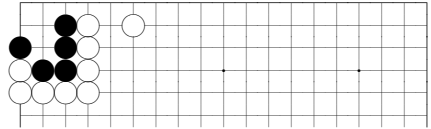
problem 374



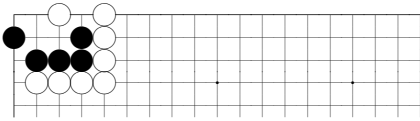
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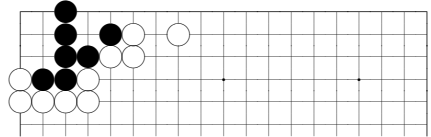
problem 375



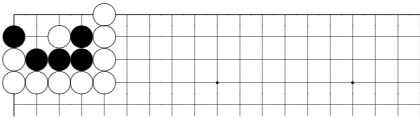
problem 382



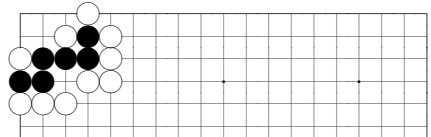
problem 376



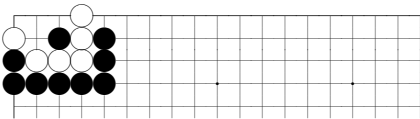
problem 383



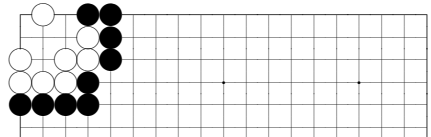
problem 377



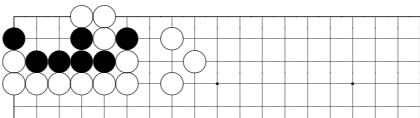
problem 384



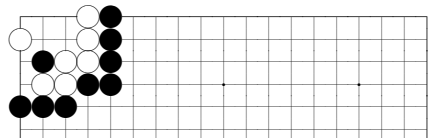
problem 378



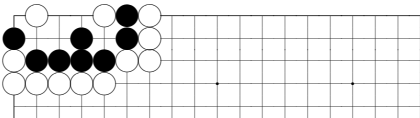
problem 385



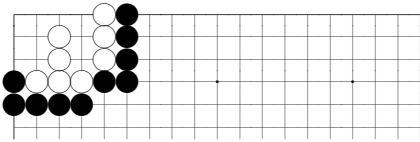
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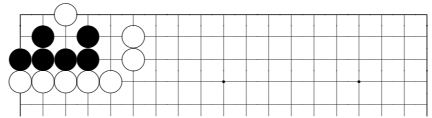
problem 386



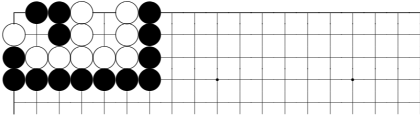
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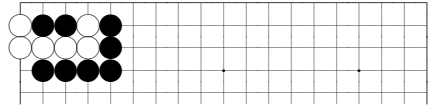
problem 387



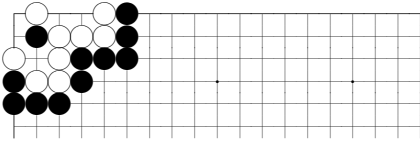
problem 394



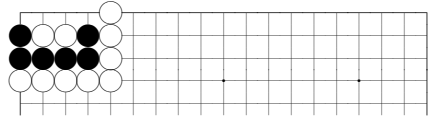
problem 388



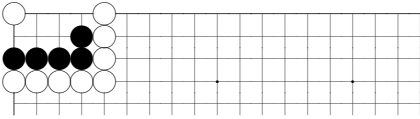
problem 395



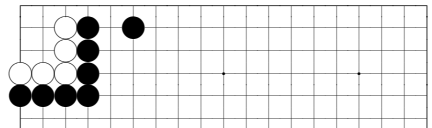
problem 389



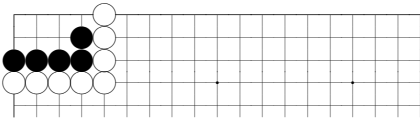
problem 396



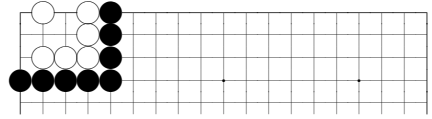
problem 390



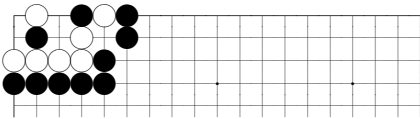
problem 397



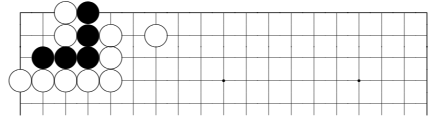
problem 391



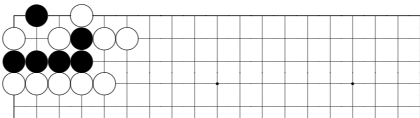
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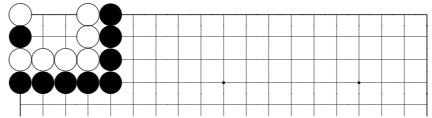
problem 392



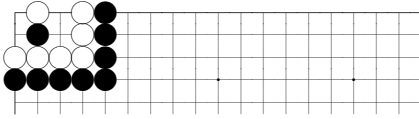
problem 399



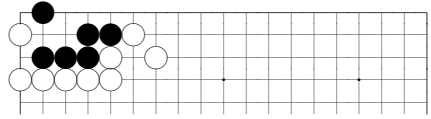
problem 393



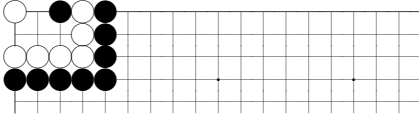
problem 400



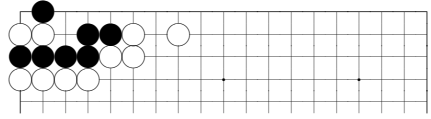
problem 401



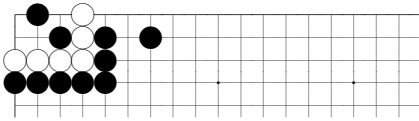
problem 407



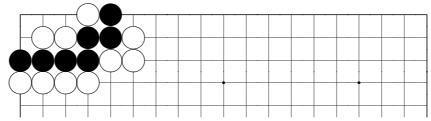
problem 402



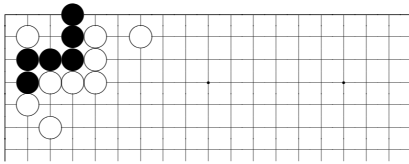
problem 408



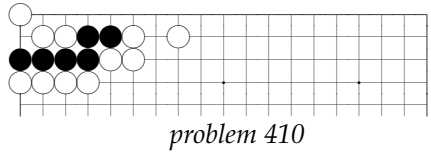
problem 403



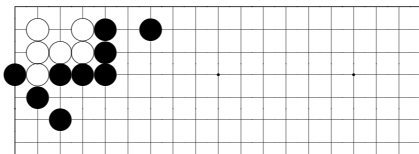
problem 409



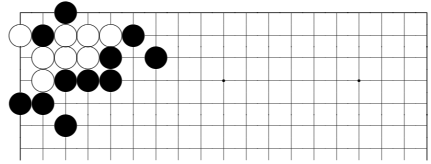
problem 404



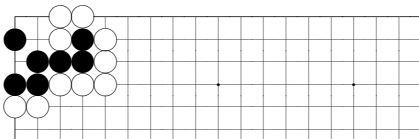
problem 410



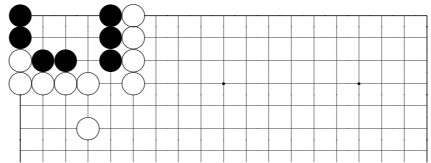
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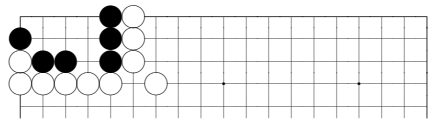
problem 411



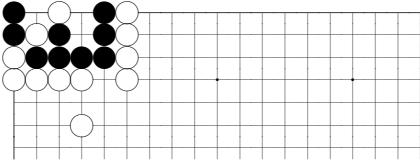
problem 406



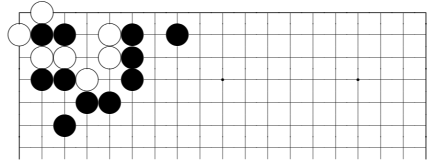
problem 412



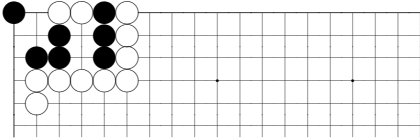
problem 413



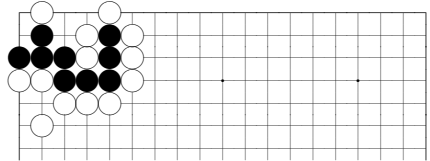
problem 414



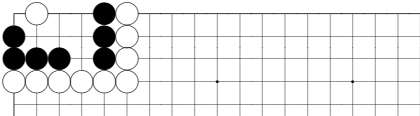
problem 420



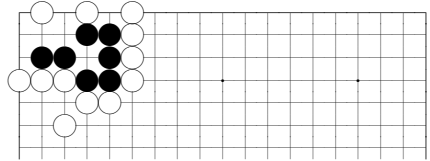
problem 415



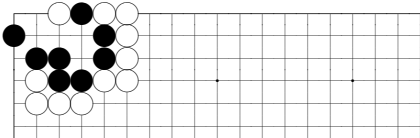
problem 421



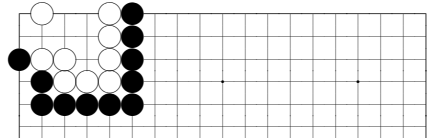
problem 416



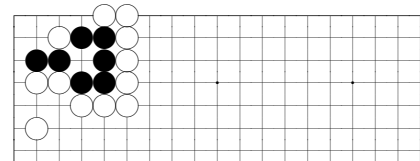
problem 422



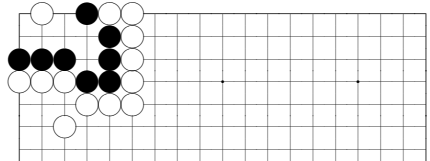
problem 417



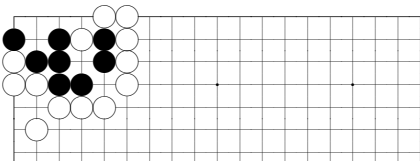
problem 423



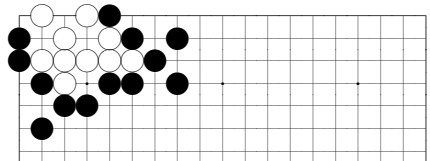
problem 418



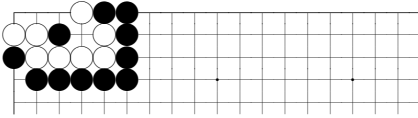
problem 424



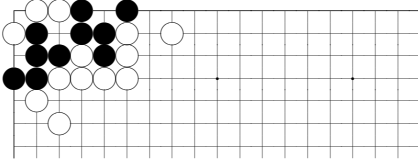
problem 419



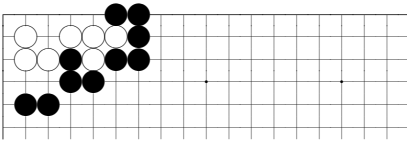
problem 425



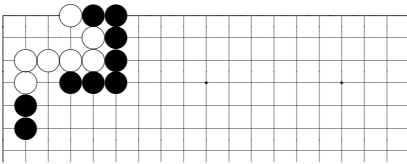
problem 426



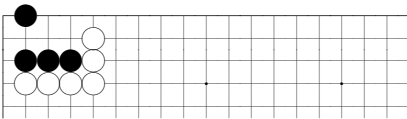
problem 427



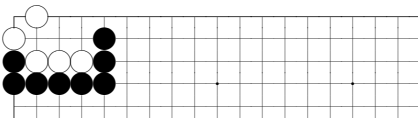
problem 428



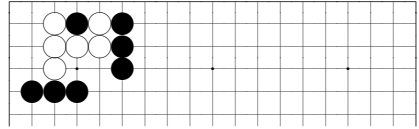
problem 429



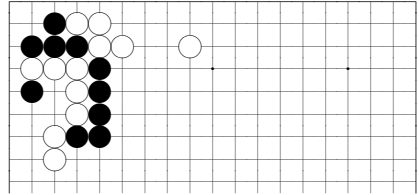
problem 430



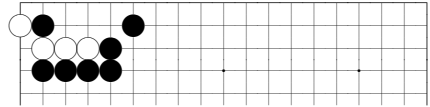
problem 431



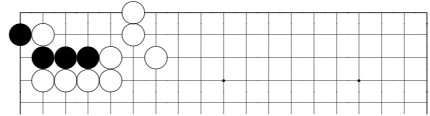
problem 432



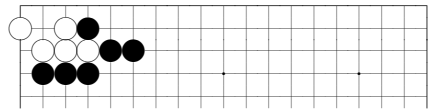
problem 433



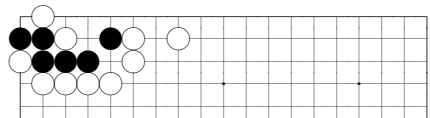
problem 434



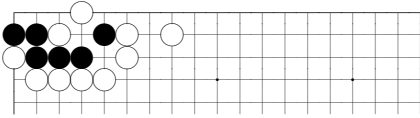
problem 435



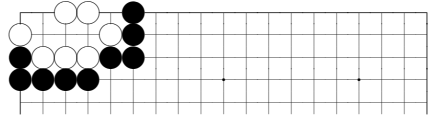
problem 436



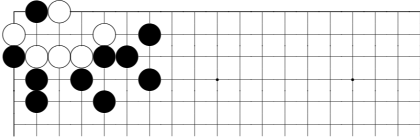
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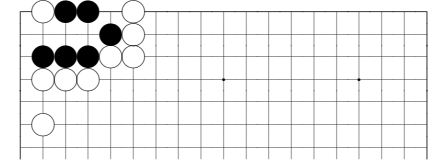
problem 438



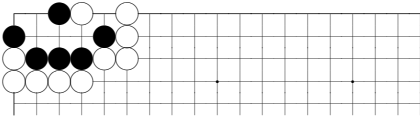
problem 445



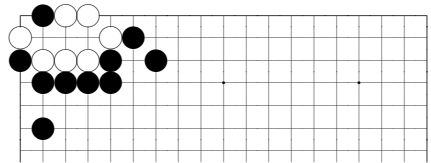
problem 439



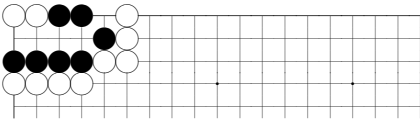
problem 446



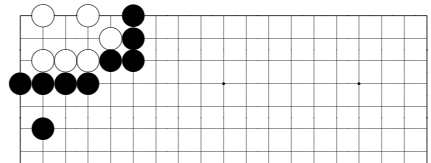
problem 440



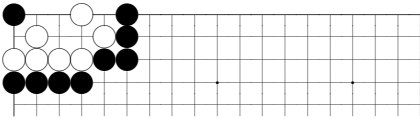
problem 447



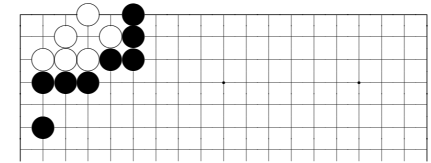
problem 441



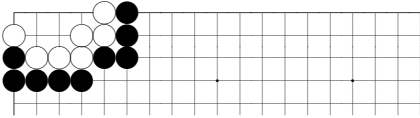
problem 448



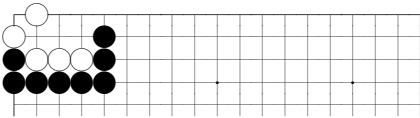
problem 442



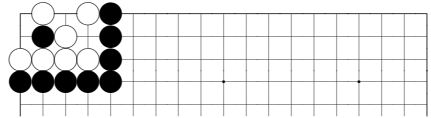
problem 449



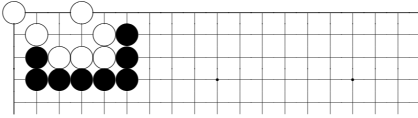
problem 443



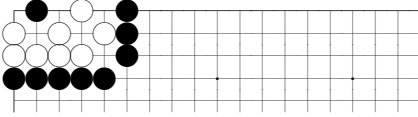
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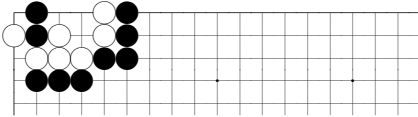
problem 450



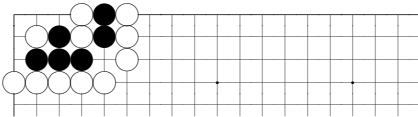
problem 451



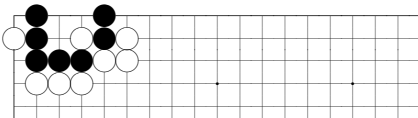
problem 452



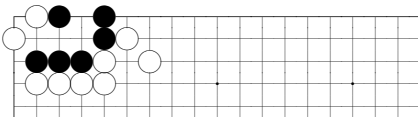
problem 453



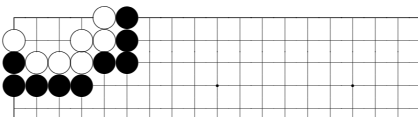
problem 454



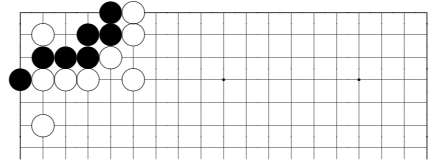
problem 455



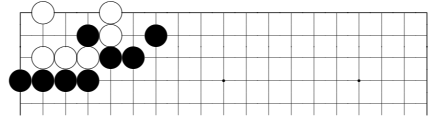
problem 456



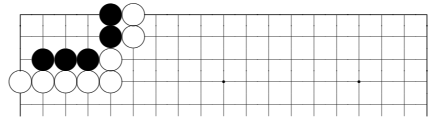
problem 457



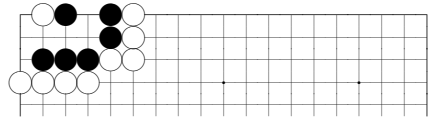
problem 458



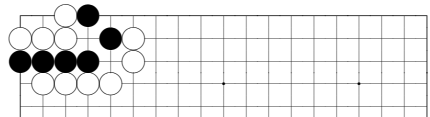
problem 459



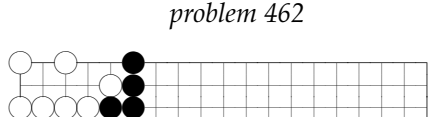
problem 460



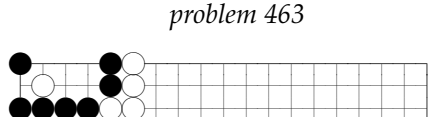
problem 461



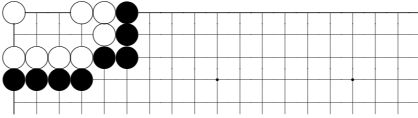
problem 462



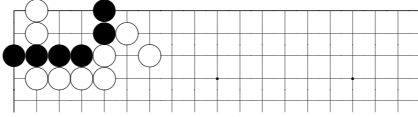
problem 463



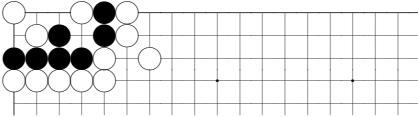
problem 464



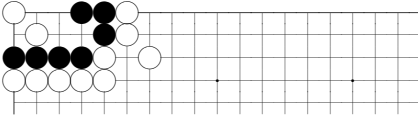
problem 465



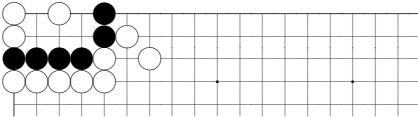
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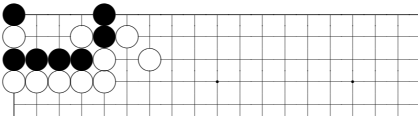
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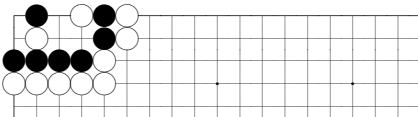
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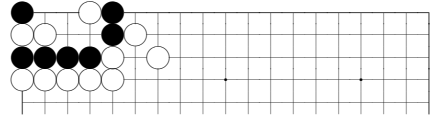
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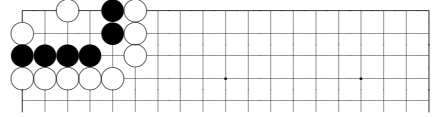
problem 470



problem 471



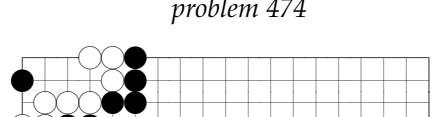
problem 472



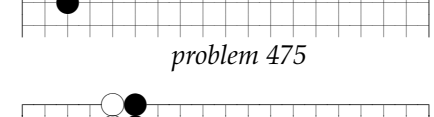
problem 473



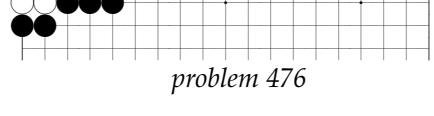
problem 474



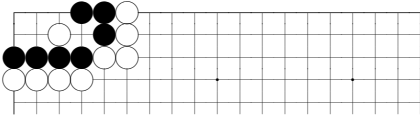
problem 475



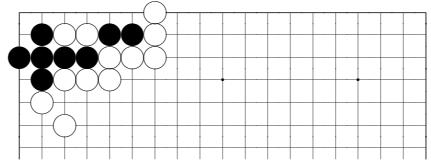
problem 476



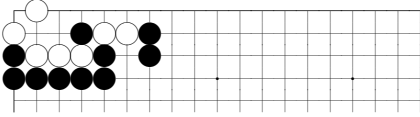
problem 477



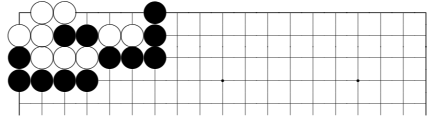
problem 478



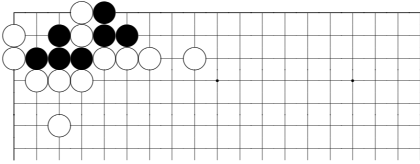
problem 484



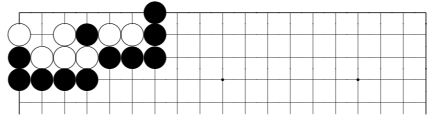
problem 479



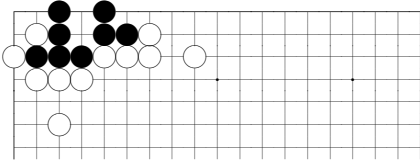
problem 485



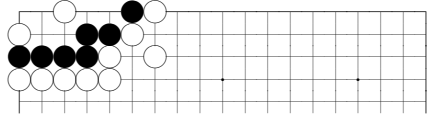
problem 480



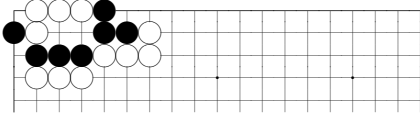
problem 486



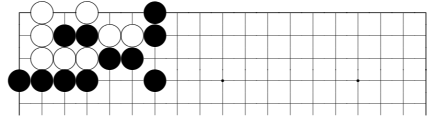
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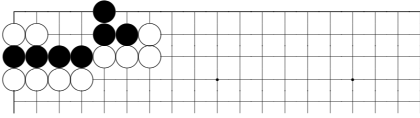
problem 487



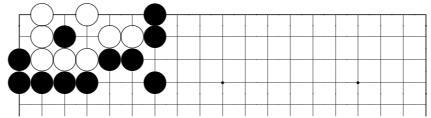
problem 482



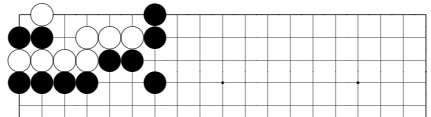
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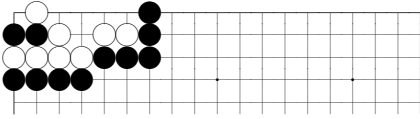
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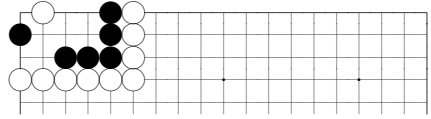
problem 489



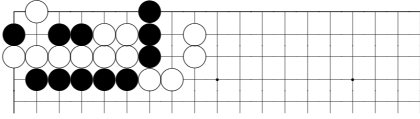
problem 490



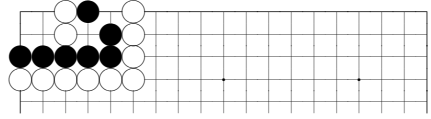
problem 491



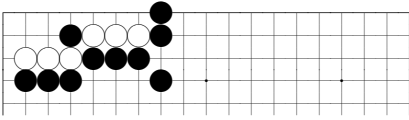
problem 498



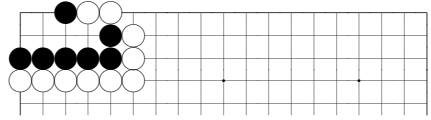
problem 492



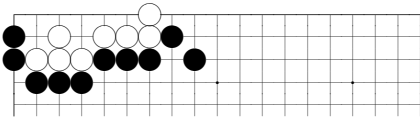
problem 499



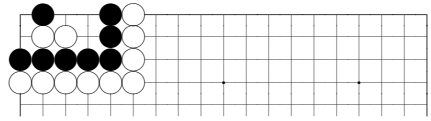
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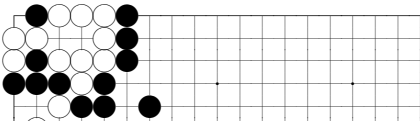
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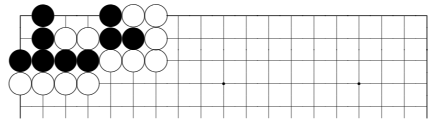
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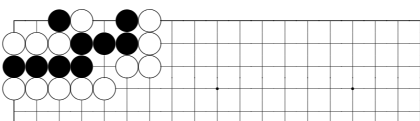
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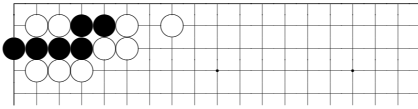


problem 495

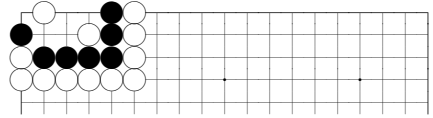


problem 502

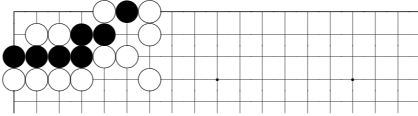




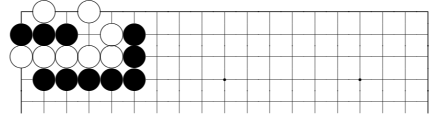
problem 505



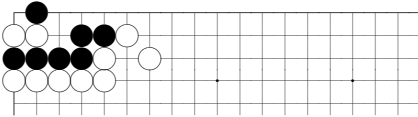
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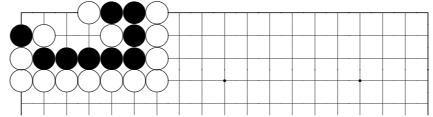
problem 506



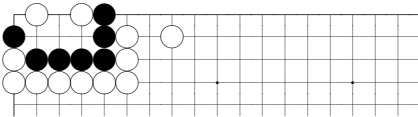
problem 513



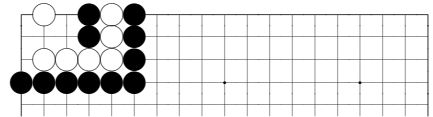
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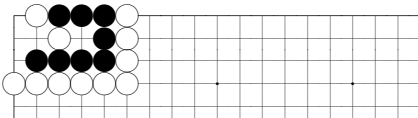
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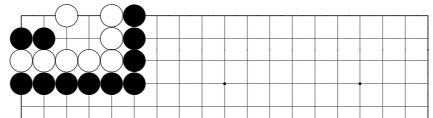
problem 508



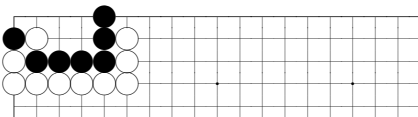
problem 515



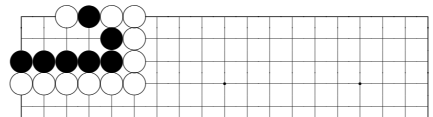
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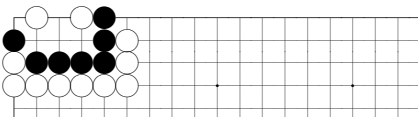
problem 516



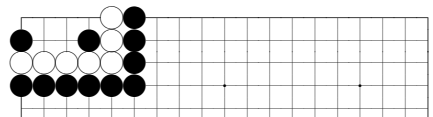
problem 510



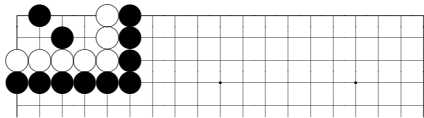
problem 517



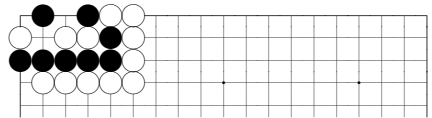
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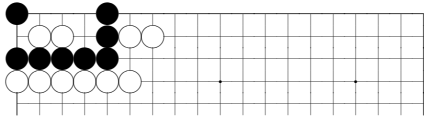
problem 518



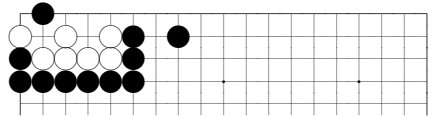
problem 519



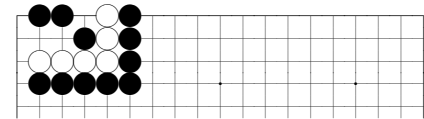
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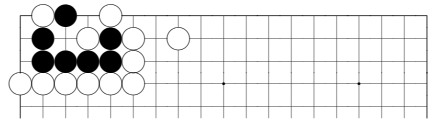
problem 520



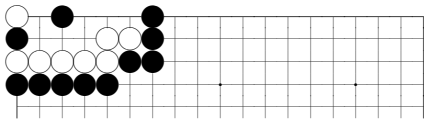
problem 527



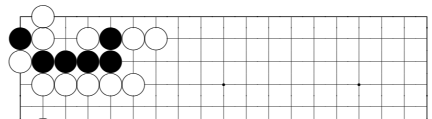
problem 521



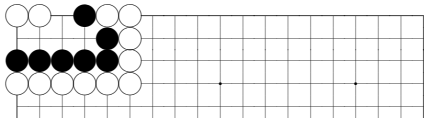
problem 528



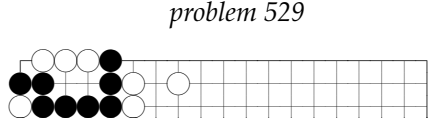
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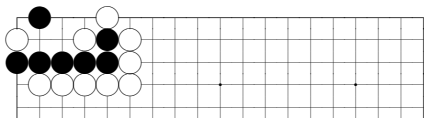
problem 529



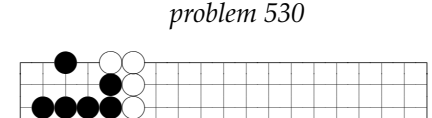
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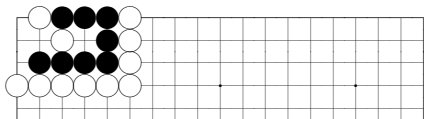
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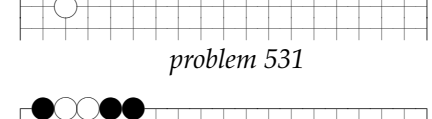
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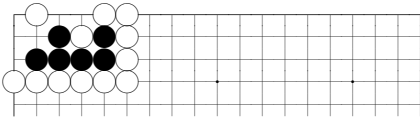
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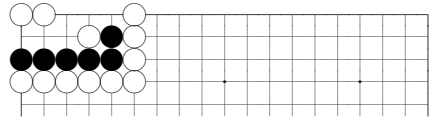
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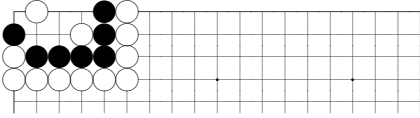
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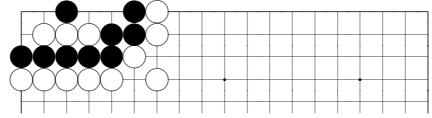
problem 533



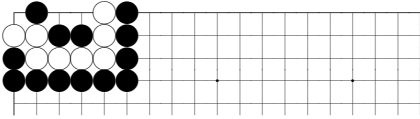
problem 540



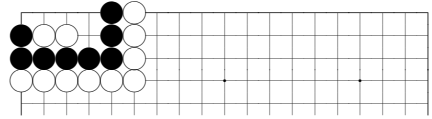
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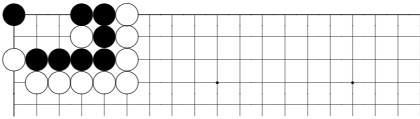
problem 541



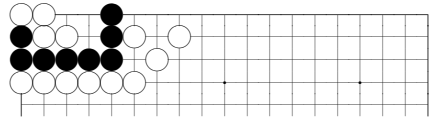
problem 535



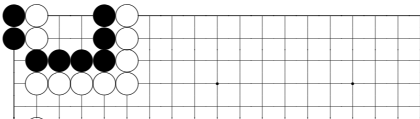
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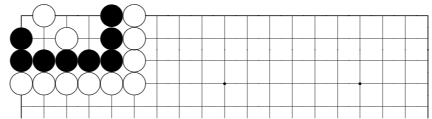
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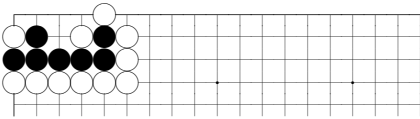
problem 543



problem 537



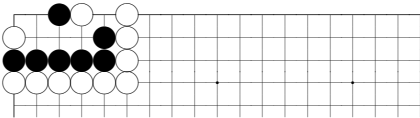
problem 544



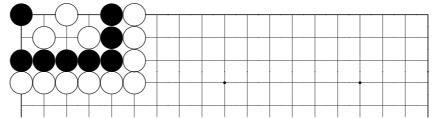
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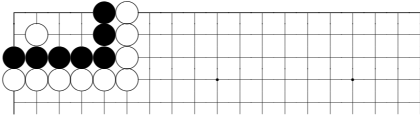
problem 545



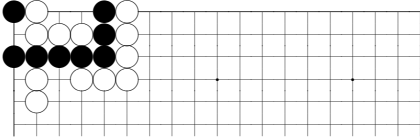
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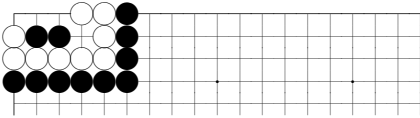
problem 546



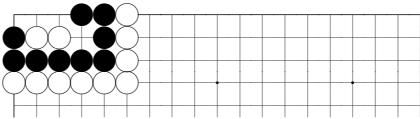
problem 547



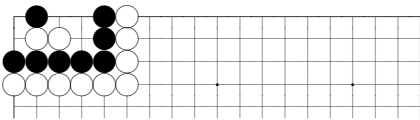
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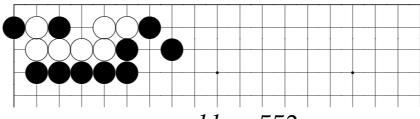
problem 549



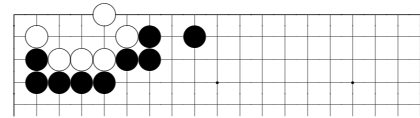
problem 550



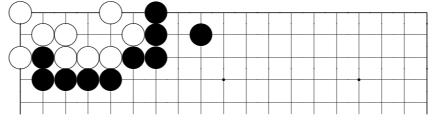
problem 551



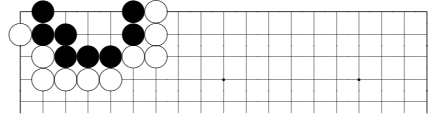
problem 552



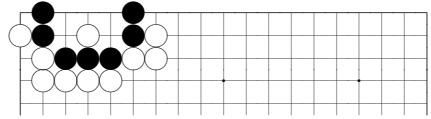
problem 553



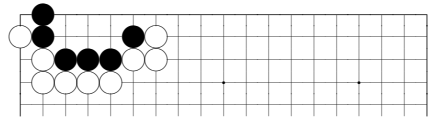
problem 554



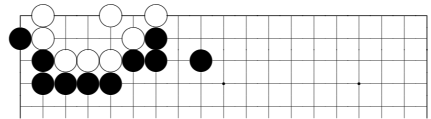
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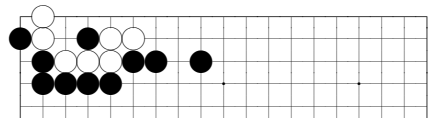
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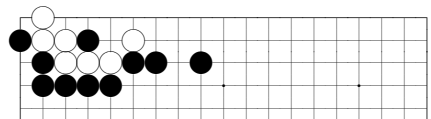
problem 557



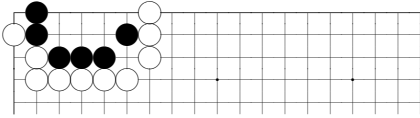
problem 558



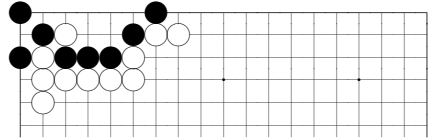
problem 559



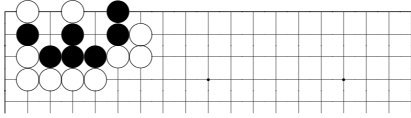
problem 560



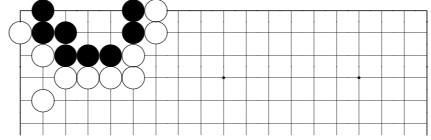
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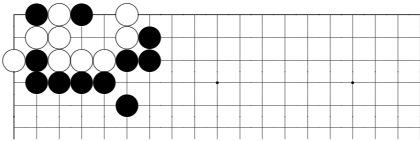
problem 567



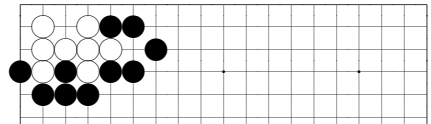
problem 562



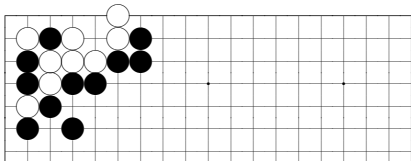
problem 568



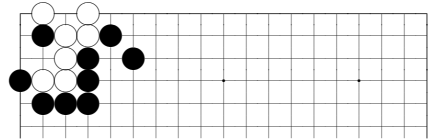
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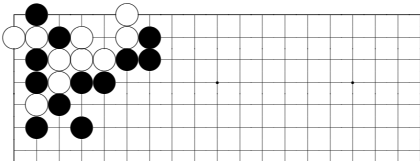
problem 569



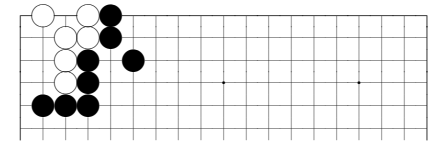
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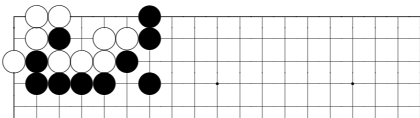
problem 570



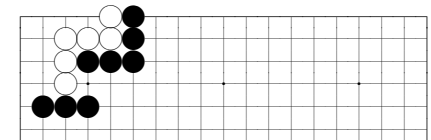
problem 565



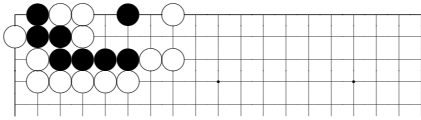
problem 571



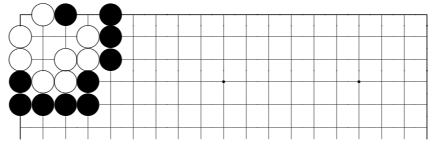
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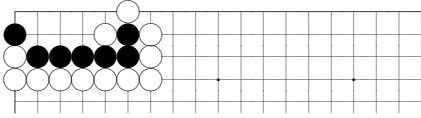
problem 572



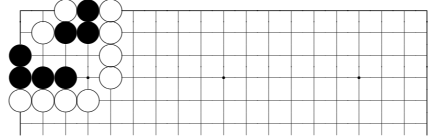
problem 585



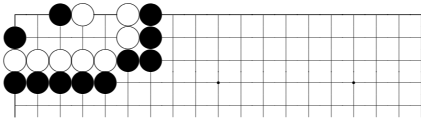
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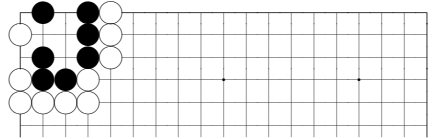
problem 586



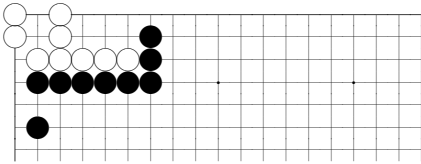
problem 592



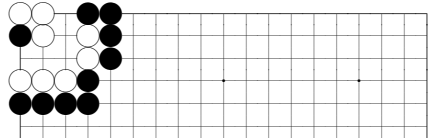
problem 587



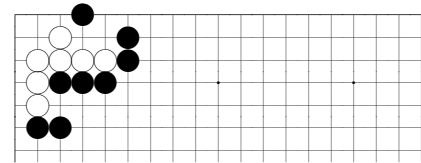
problem 593



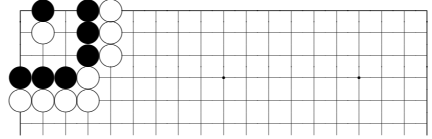
problem 588



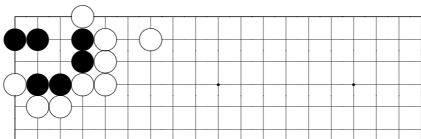
problem 594



problem 589



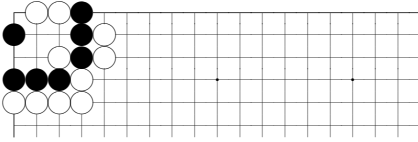
problem 595



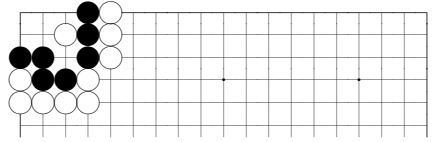
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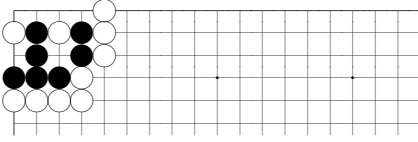
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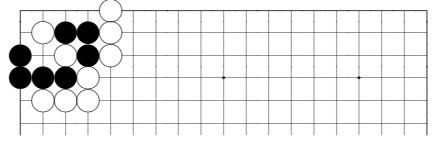
problem 597



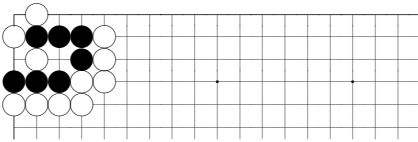
problem 603



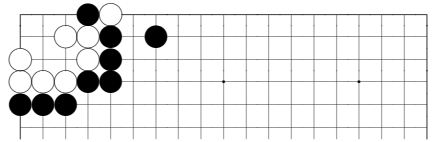
problem 598



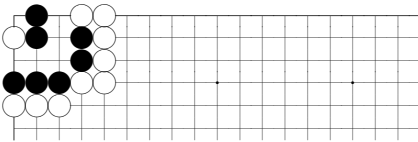
problem 604



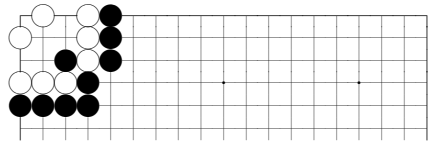
problem 599



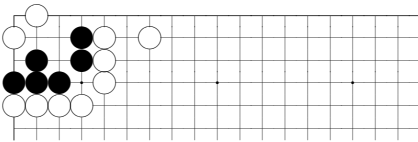
problem 605



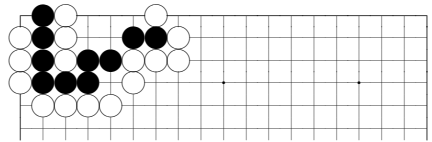
problem 600



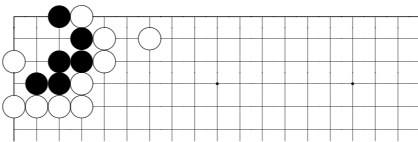
problem 606



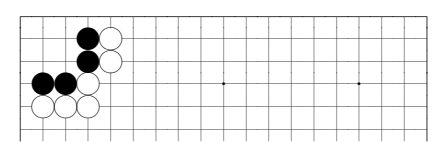
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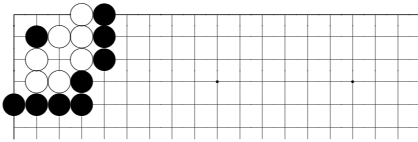
problem 607



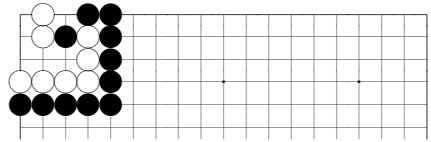
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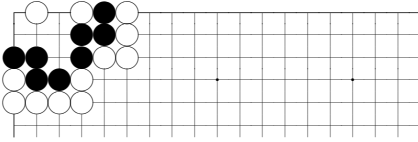
problem 608



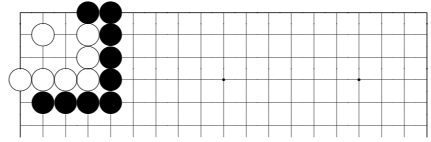
problem 609



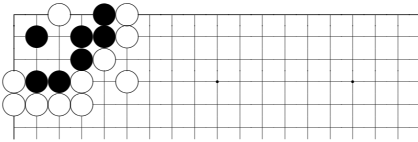
problem 615



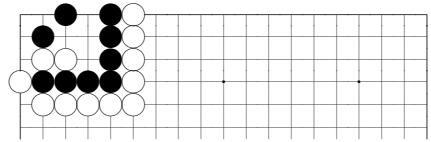
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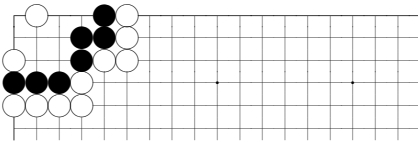
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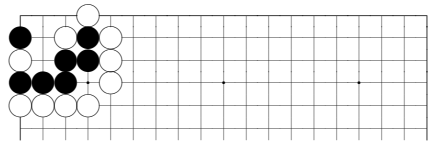
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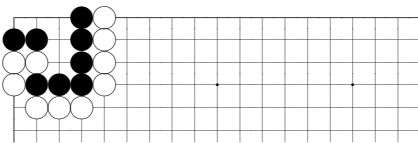
problem 617



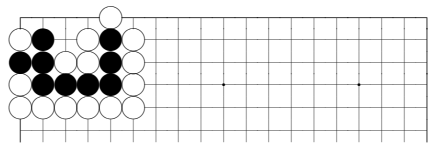
problem 612



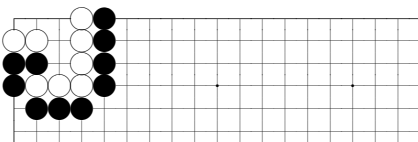
problem 618



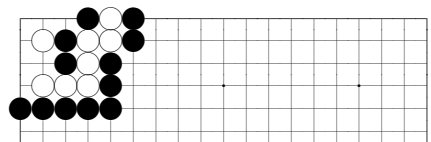
problem 613



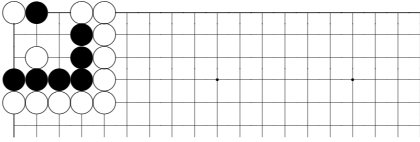
problem 619



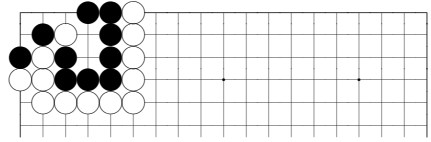
problem 614



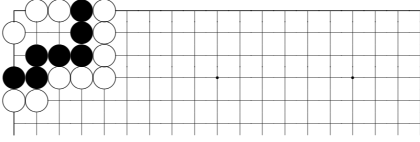
problem 620



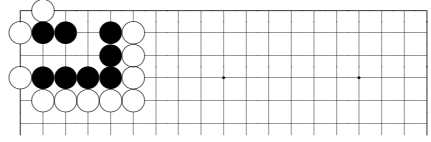
problem 621



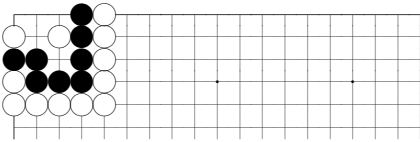
problem 627



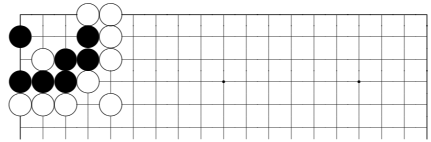
problem 622



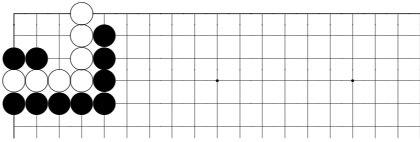
problem 628



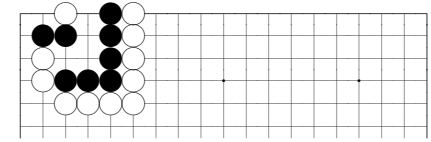
problem 623



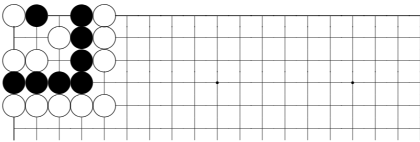
problem 629



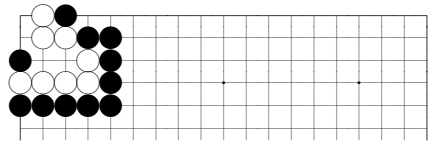
problem 624



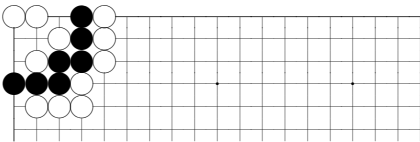
problem 630



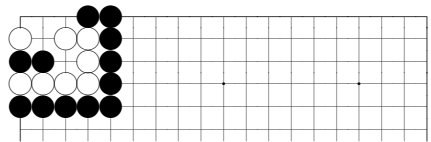
problem 625



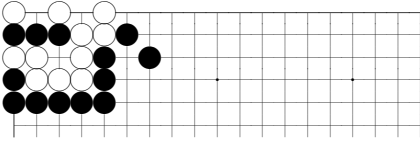
problem 631



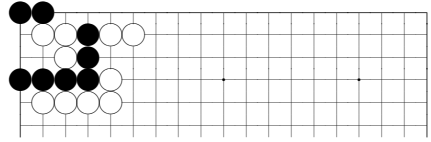
problem 626



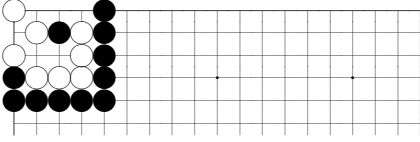
problem 632



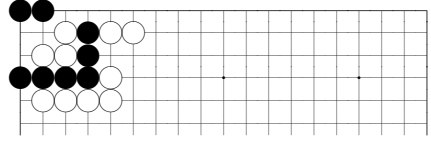
problem 633



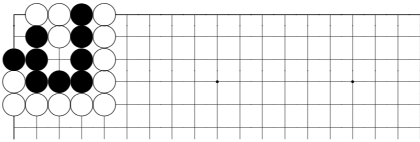
problem 639



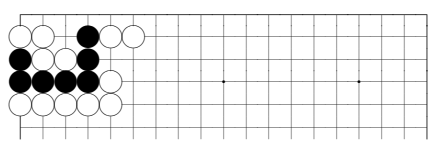
problem 634



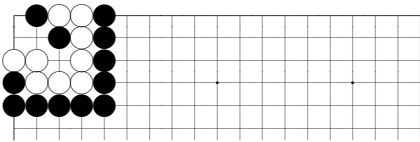
problem 640



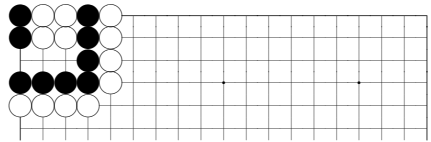
problem 635



problem 641



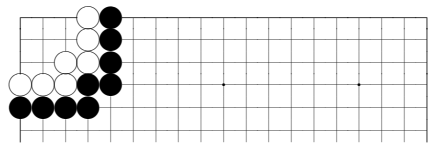
problem 636



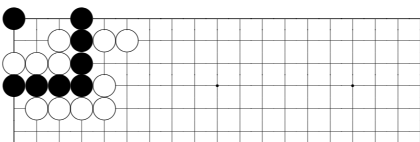
problem 642



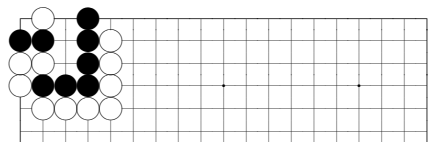
problem 637



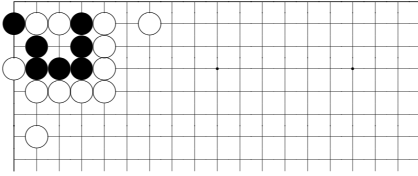
problem 643



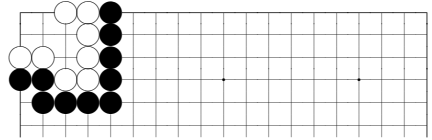
problem 638



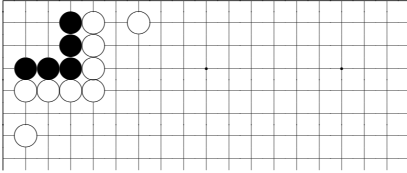
problem 644



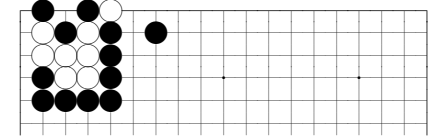
problem 645



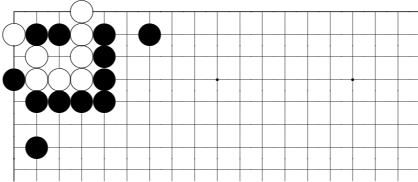
problem 651



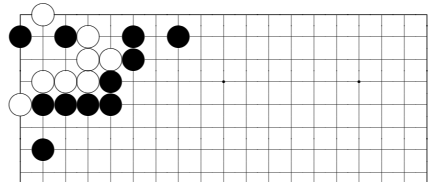
problem 646



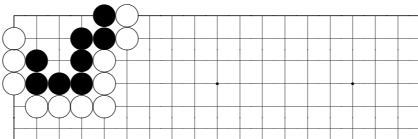
problem 652



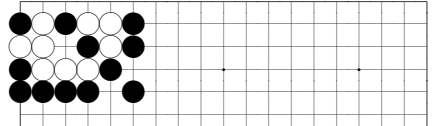
problem 647



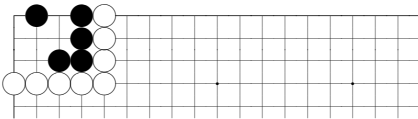
problem 653



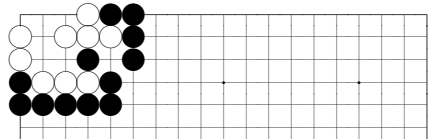
problem 648



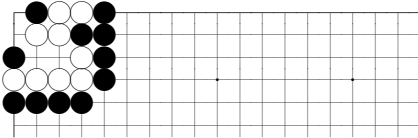
problem 654



problem 649



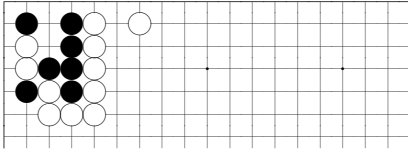
problem 655



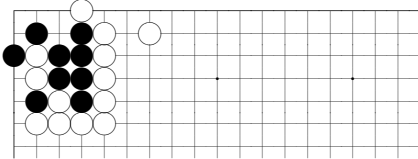
problem 650



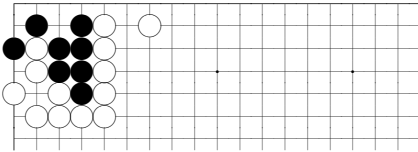
problem 656



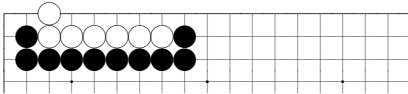
problem 657



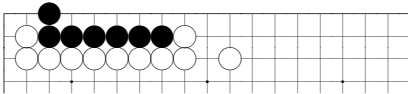
problem 658



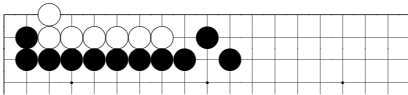
problem 659



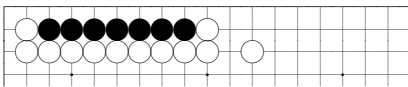
problem 660



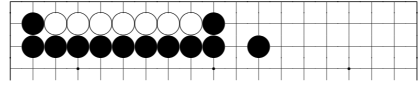
problem 661



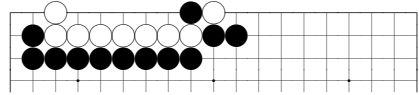
problem 662



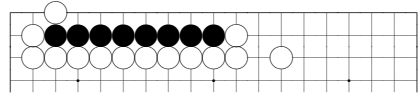
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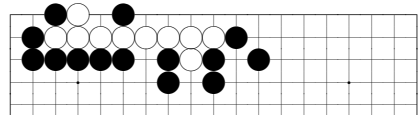
problem 664



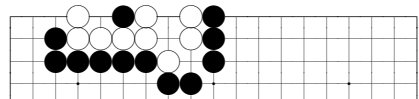
problem 665



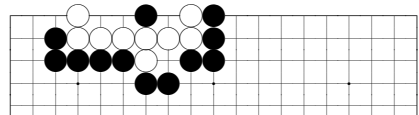
problem 666



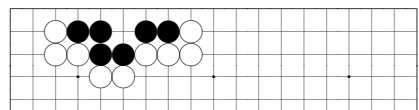
problem 667



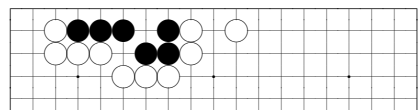
problem 668



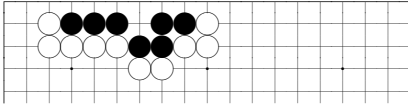
problem 669



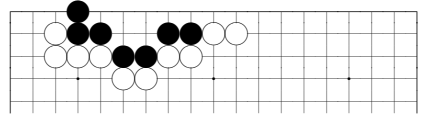
problem 670



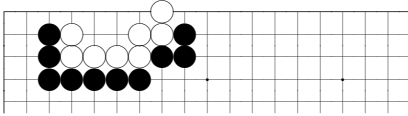
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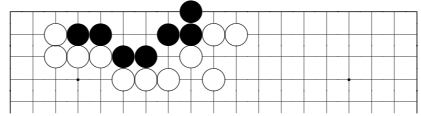
problem 672



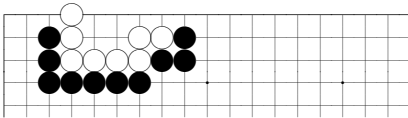
problem 679



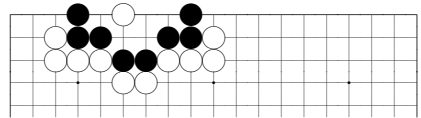
problem 673



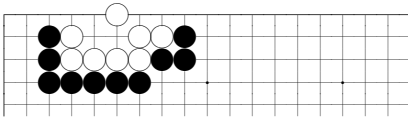
problem 680



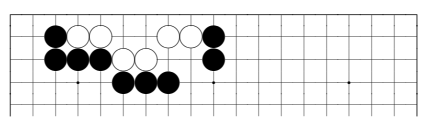
problem 674



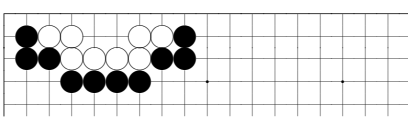
problem 681



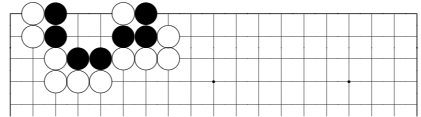
problem 675



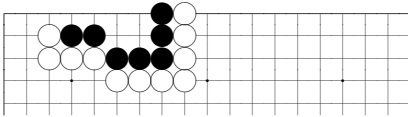
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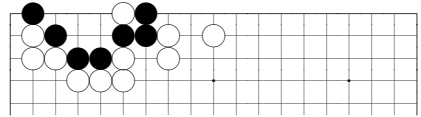
problem 676



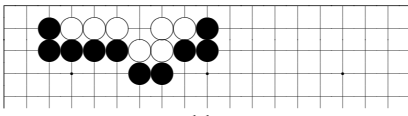
problem 683



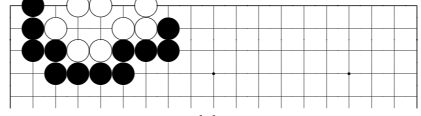
problem 677



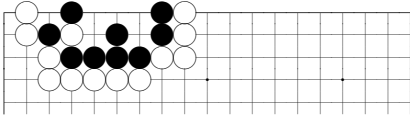
problem 684



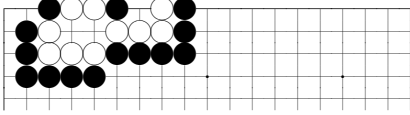
problem 678



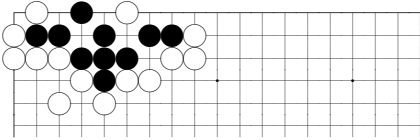
problem 685



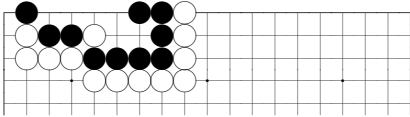
problem 686



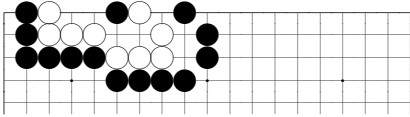
problem 687



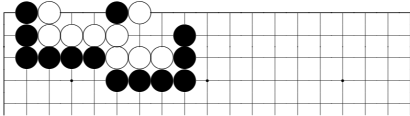
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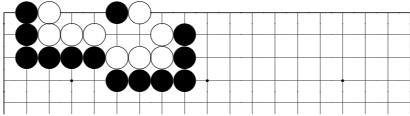
problem 689



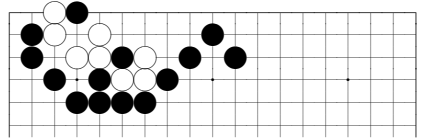
problem 690



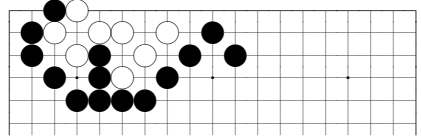
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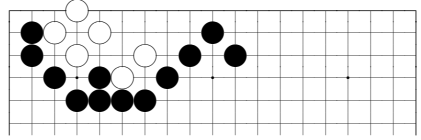
problem 692



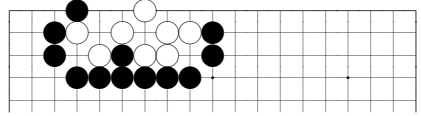
problem 693



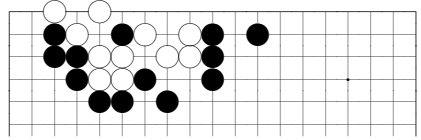
problem 694



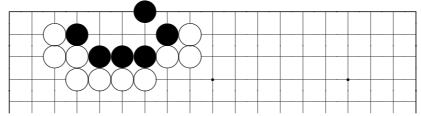
problem 695



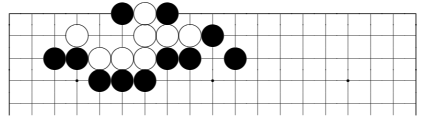
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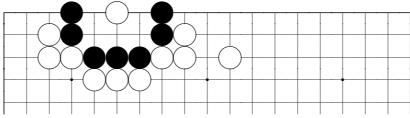
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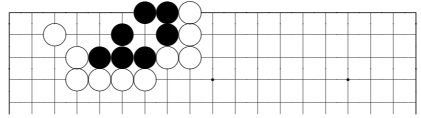
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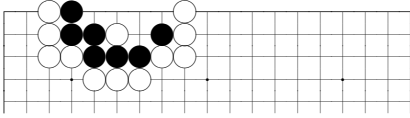
problem 699



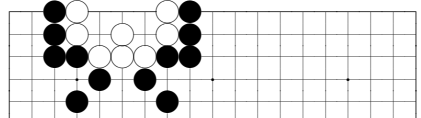
problem 700



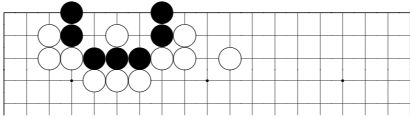
problem 707



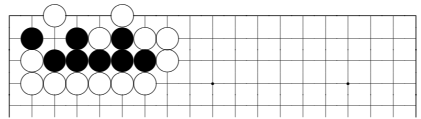
problem 701



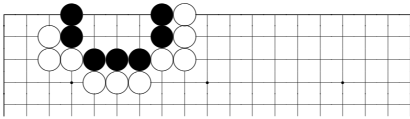
problem 708



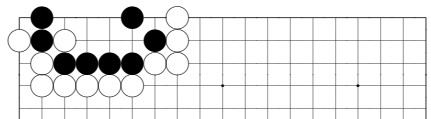
problem 702



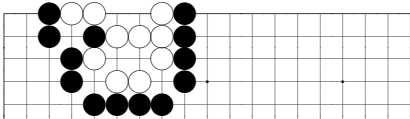
problem 709



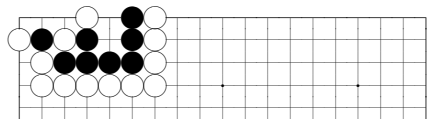
problem 703



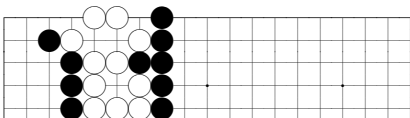
problem 710



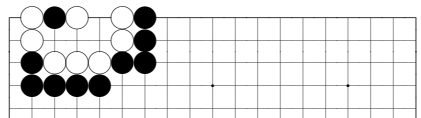
problem 704



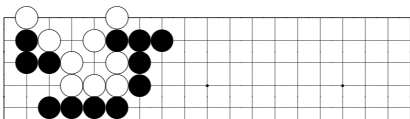
problem 711



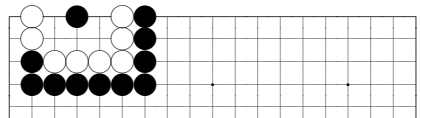
problem 705



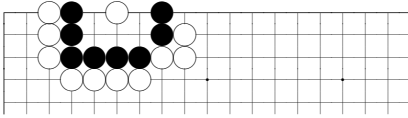
problem 712



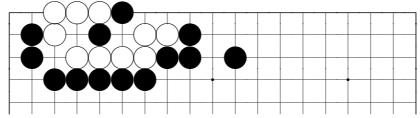
problem 706



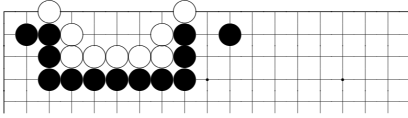
problem 713



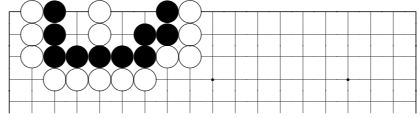
problem 728



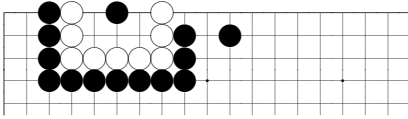
problem 735



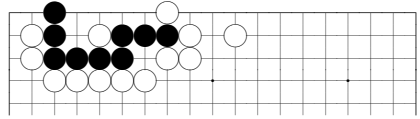
problem 729



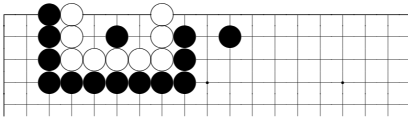
problem 736



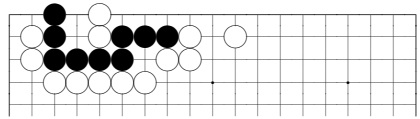
problem 730



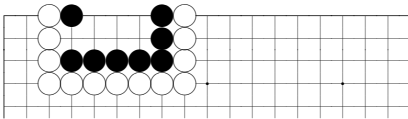
problem 737



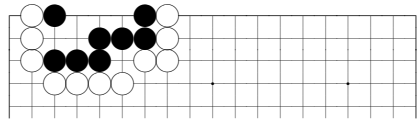
problem 731



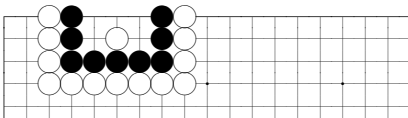
problem 738



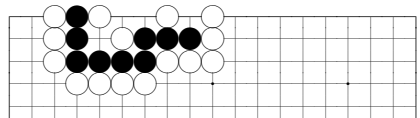
problem 732



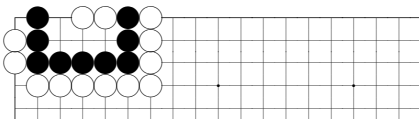
problem 739



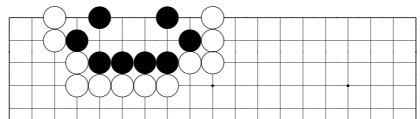
problem 733



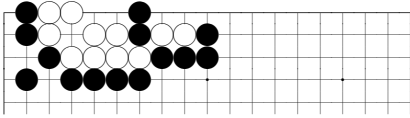
problem 740



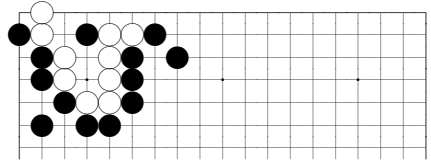
problem 734



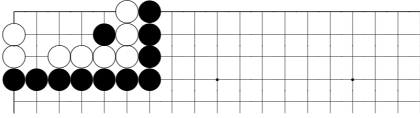
problem 741



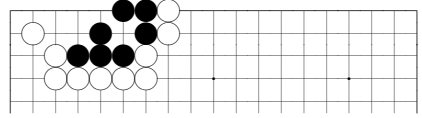
problem 742



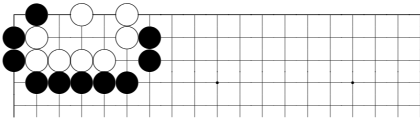
problem 749



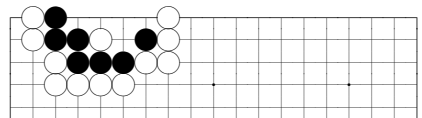
problem 743



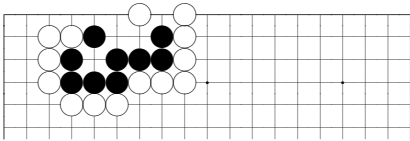
problem 750



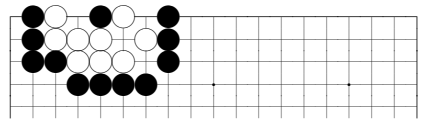
problem 744



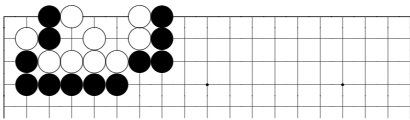
problem 751



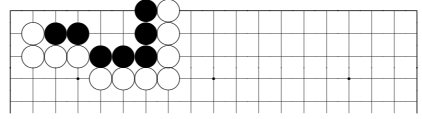
problem 745



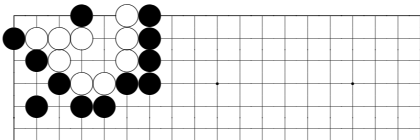
problem 752



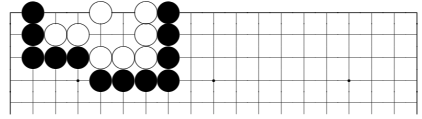
problem 746



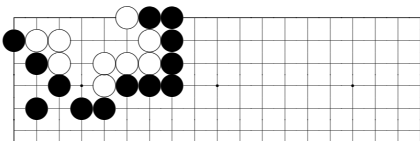
problem 753



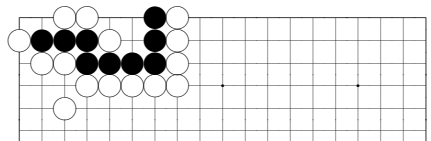
problem 747



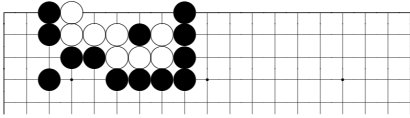
problem 754



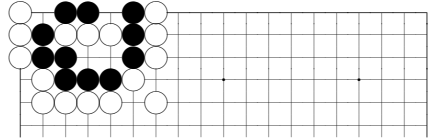
problem 748



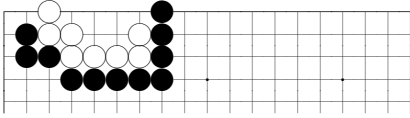
problem 755



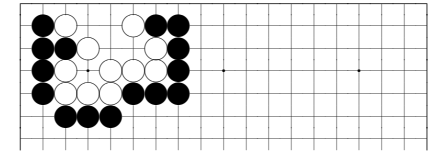
problem 756



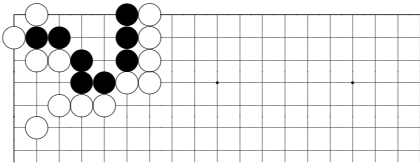
problem 763



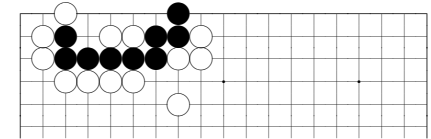
problem 757



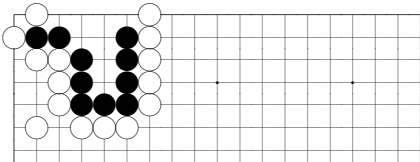
problem 764



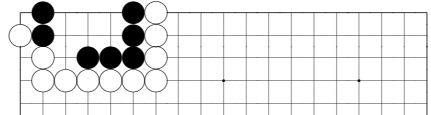
problem 758



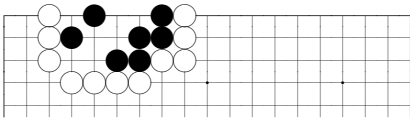
problem 765



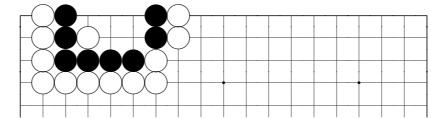
problem 759



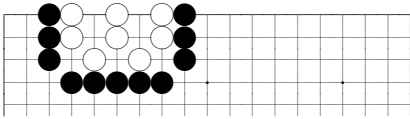
problem 766



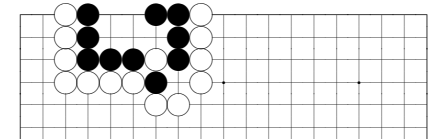
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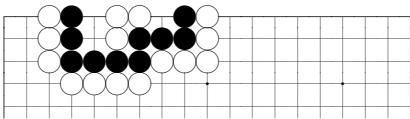
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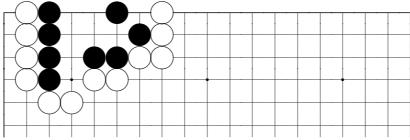
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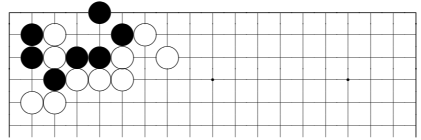
problem 768



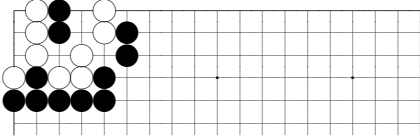
problem 762



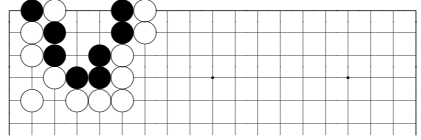
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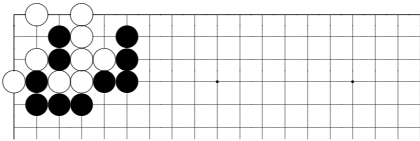
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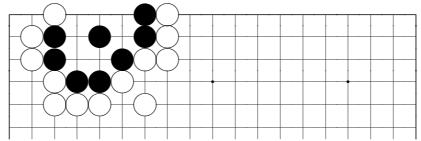
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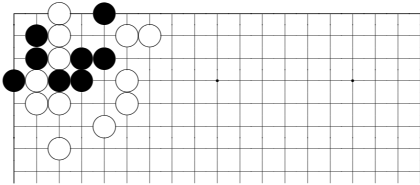
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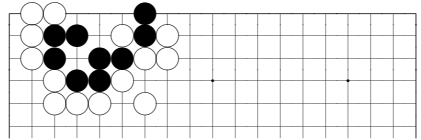
problem 771



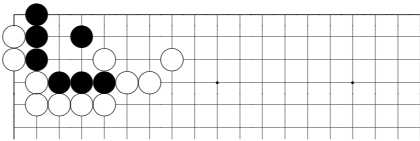
problem 777



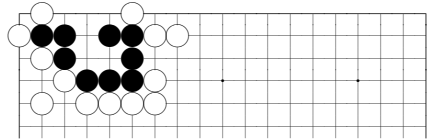
problem 772



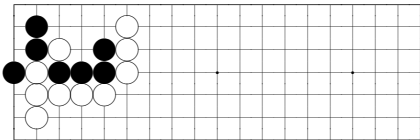
problem 778



problem 773



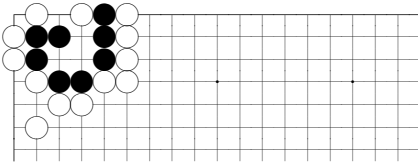
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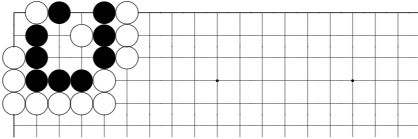
problem 774



problem 780



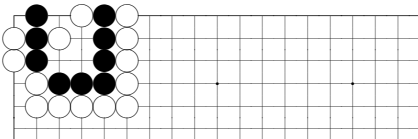
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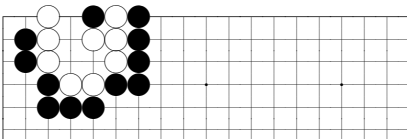
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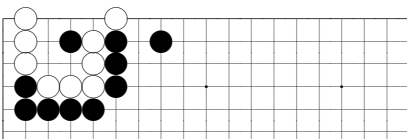
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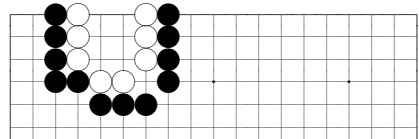
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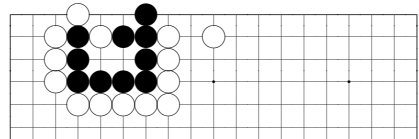
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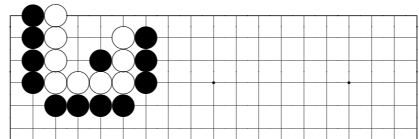
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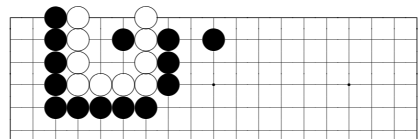
problem 787



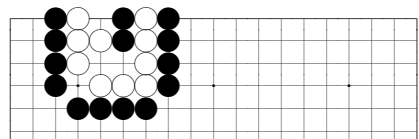
problem 788



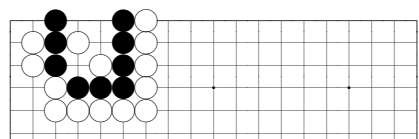
problem 789



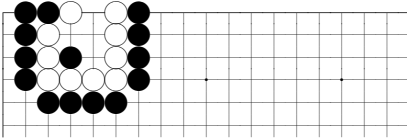
problem 790



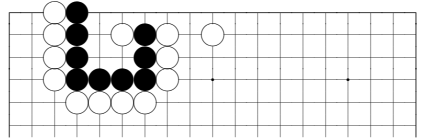
problem 791



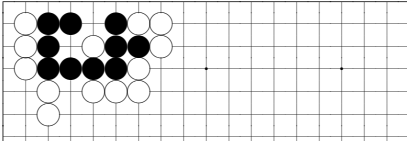
problem 792



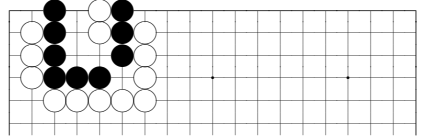
problem 793



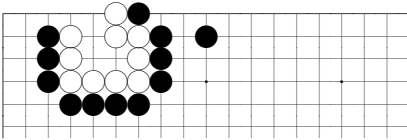
problem 799



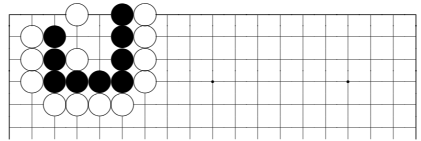
problem 794



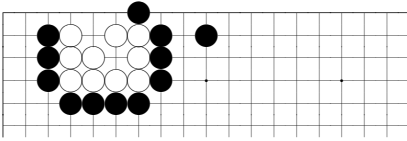
problem 800



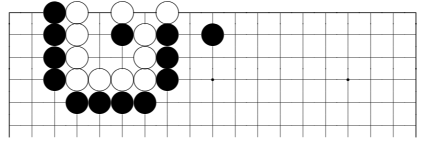
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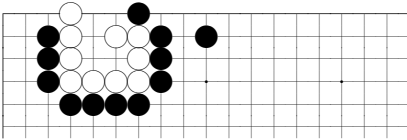
problem 801



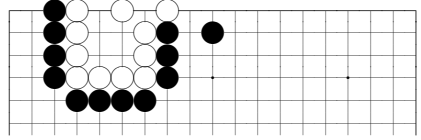
problem 796



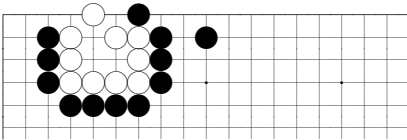
problem 802



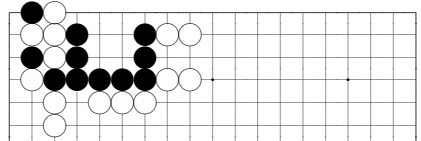
problem 797



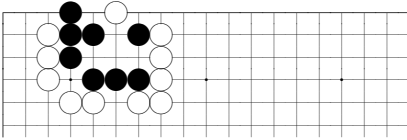
problem 803



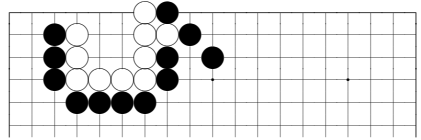
problem 798



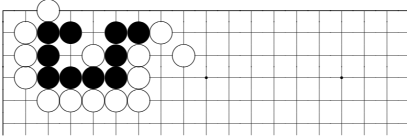
problem 804



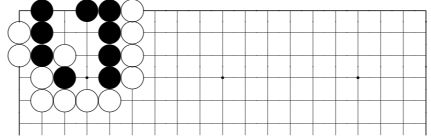
problem 805



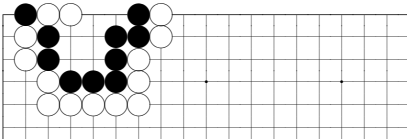
problem 811



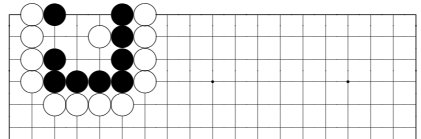
problem 806



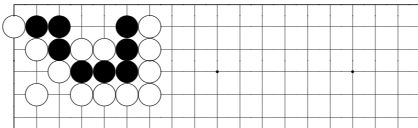
problem 812



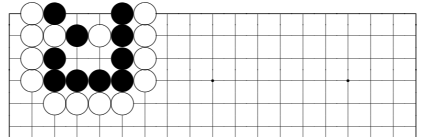
problem 807



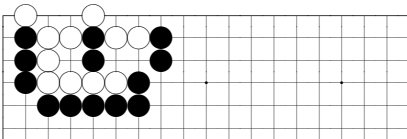
problem 813



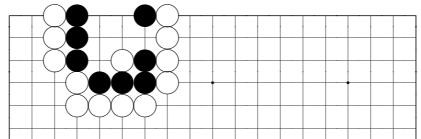
problem 808



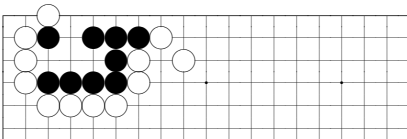
problem 814



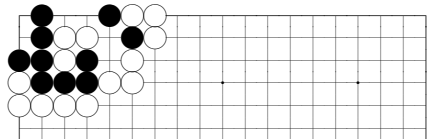
problem 809



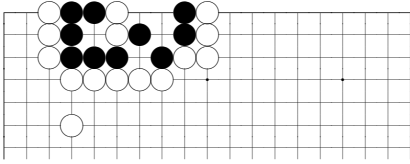
problem 815



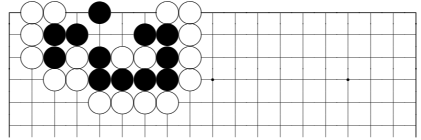
problem 810



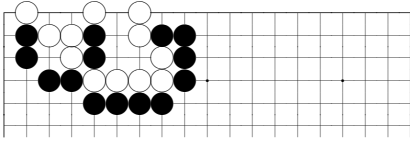
problem 816



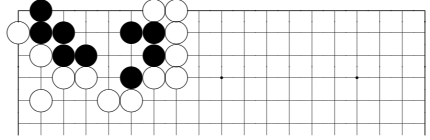
problem 817



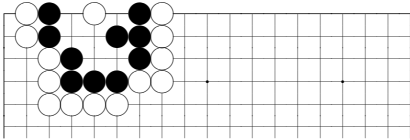
problem 823



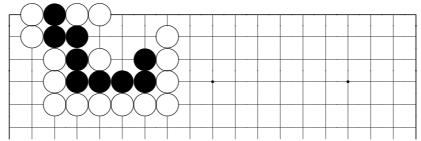
problem 818



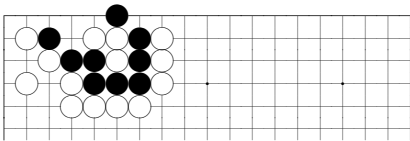
problem 824



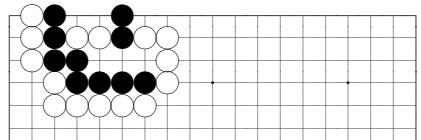
problem 819



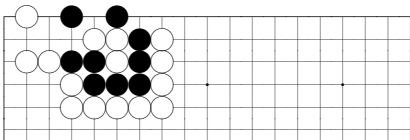
problem 825



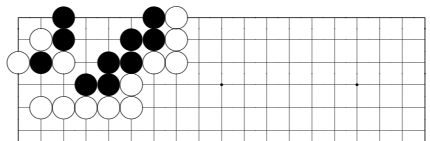
problem 820



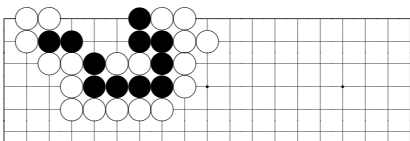
problem 826



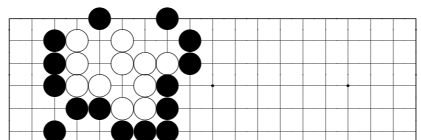
problem 821



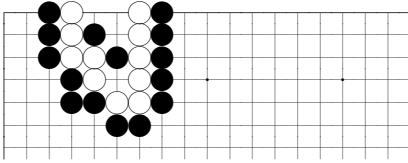
problem 827



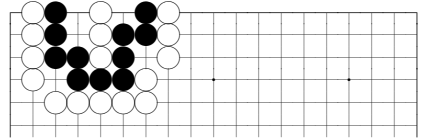
problem 822



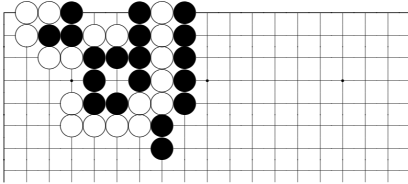
problem 828



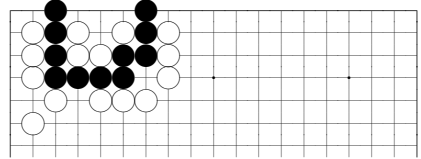
problem 829



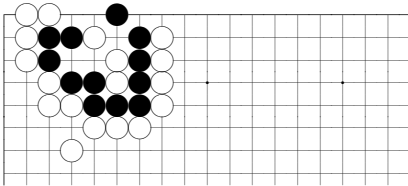
problem 834



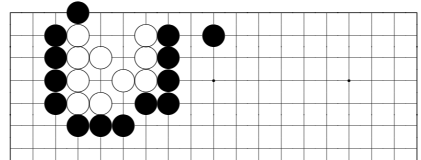
problem 830



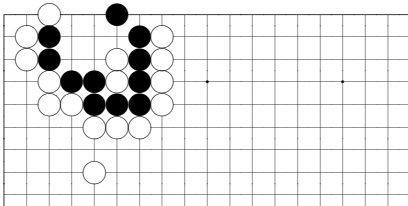
problem 835



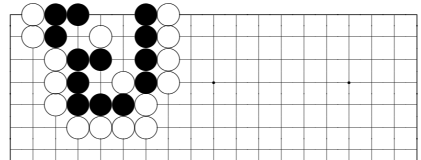
problem 831



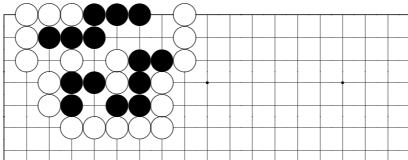
problem 836



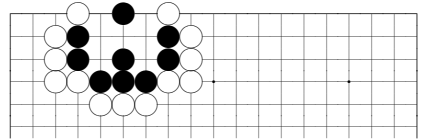
problem 832



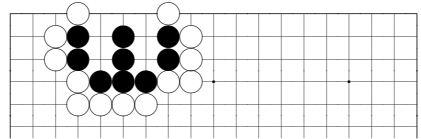
problem 837



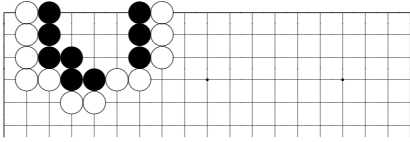
problem 833



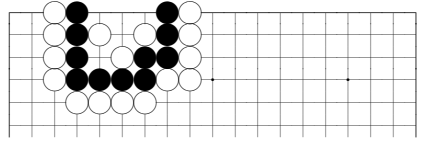
problem 838



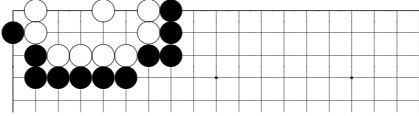
problem 839



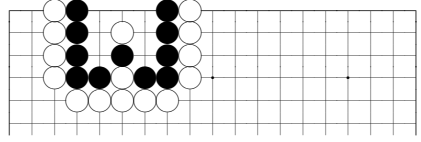
problem 840



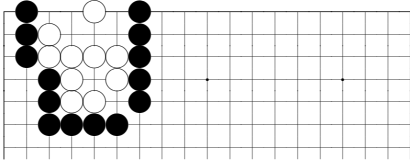
problem 846



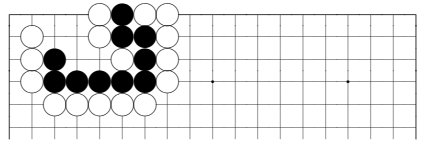
problem 841



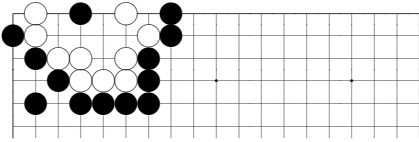
problem 847



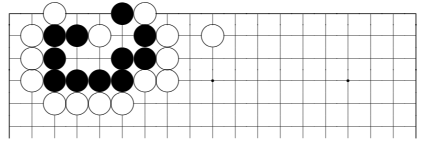
problem 842



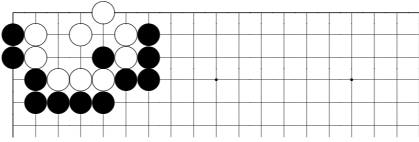
problem 848



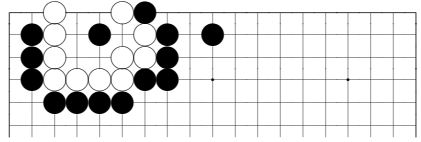
problem 843



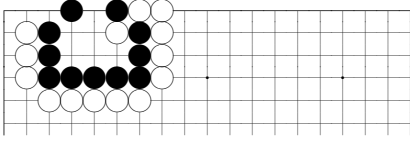
problem 849



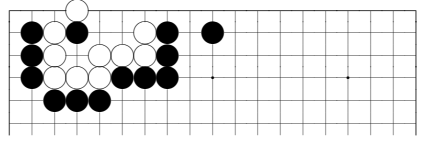
problem 844



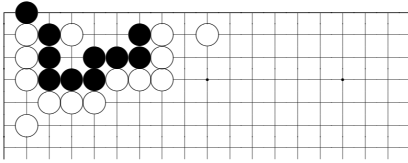
problem 850



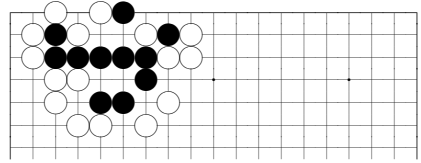
problem 845



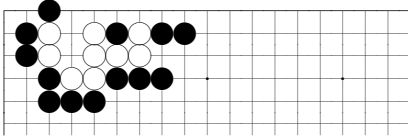
problem 851



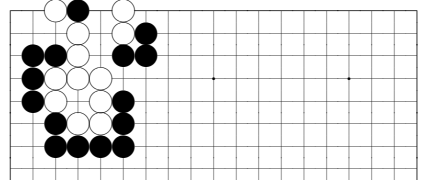
problem 852



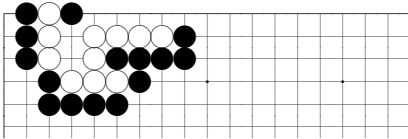
problem 858



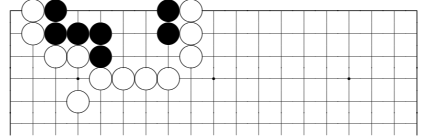
problem 853



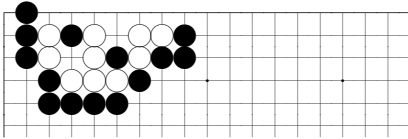
problem 859



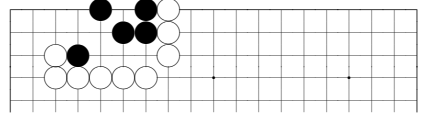
problem 854



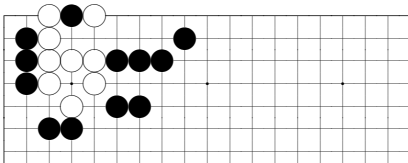
problem 860



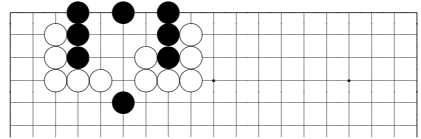
problem 855



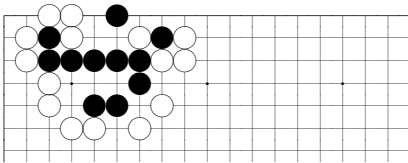
problem 861



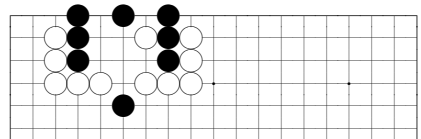
problem 856



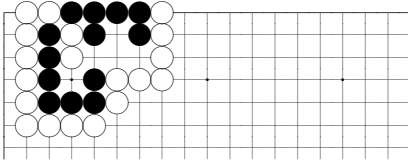
problem 862



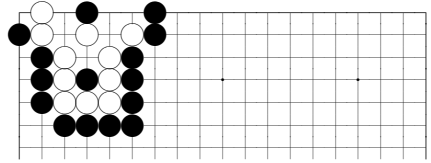
problem 857



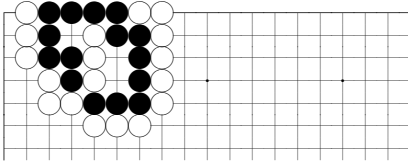
problem 863



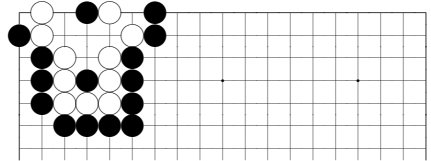
problem 876



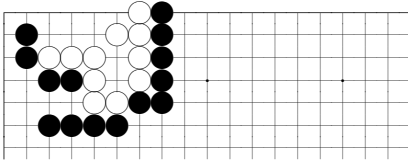
problem 882



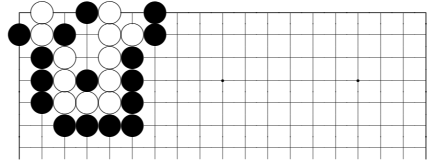
problem 877



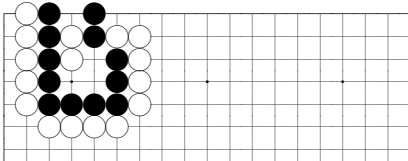
problem 883



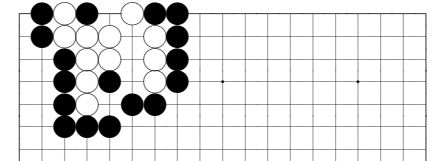
problem 878



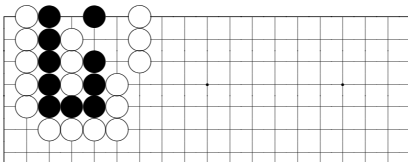
problem 884



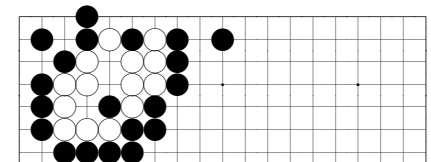
problem 879



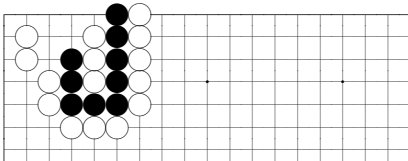
problem 885



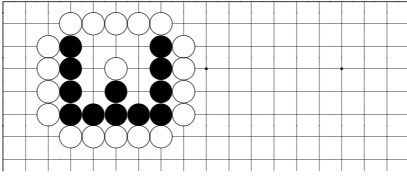
problem 880



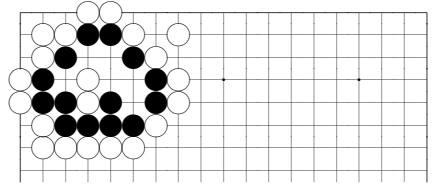
problem 886



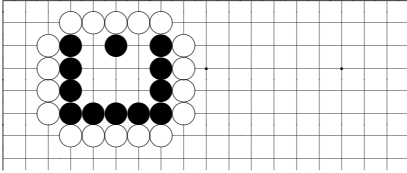
problem 881



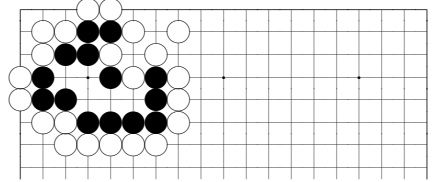
problem 887



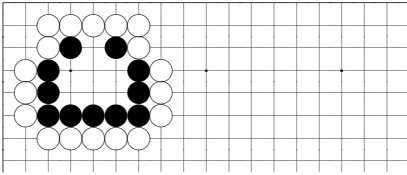
problem 892



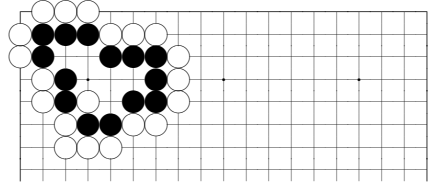
problem 888



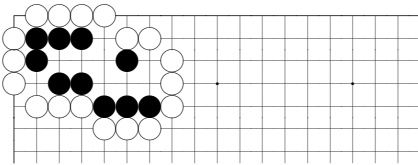
problem 893



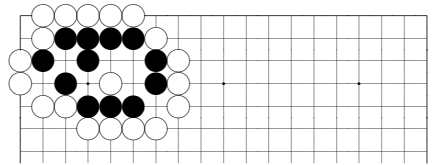
problem 889



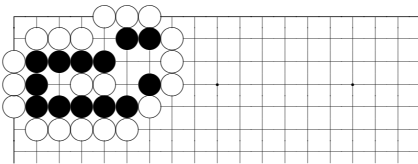
problem 894



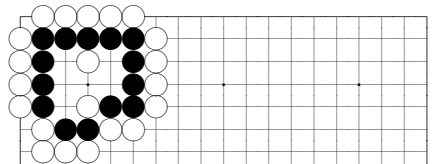
problem 890



problem 895



problem 891



problem 896

