

*Cho Chikun's
Encyclopedia of
Life & Death*

Part 2 — Intermediate

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 the second part, you can find about nine hundred problems aimed at strong kyu players. A dan player should find the solution in less than a minute and will need about ten hours to 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

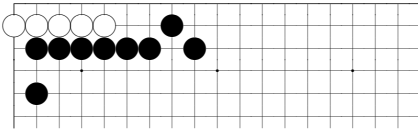
November 2004

Anniversary edition

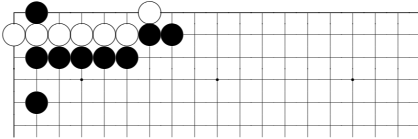
It's been 13 and a half years. This booklet has been downloaded over thirty thousand times. I never imagined the reach it would have. The anniversary edition comes with a better layout and wording. And — glad you asked — some of the problems are still unsolvable!

Vit 'tasuki' Brunner

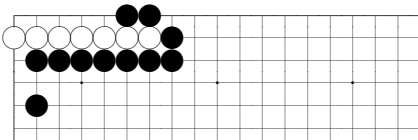
June 2018



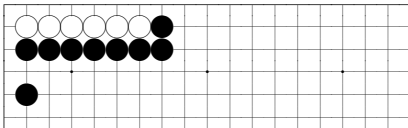
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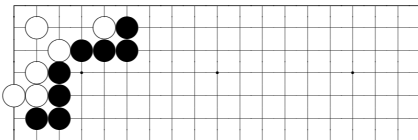
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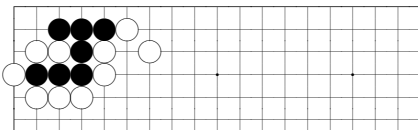
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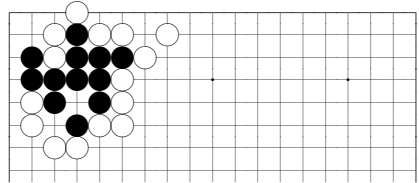
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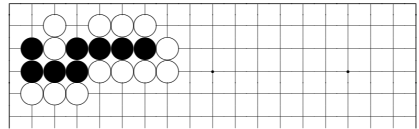
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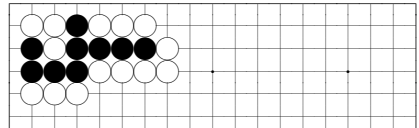
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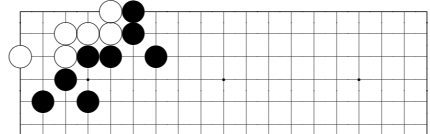
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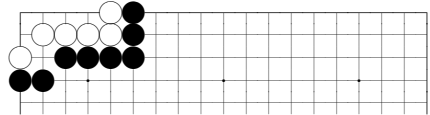
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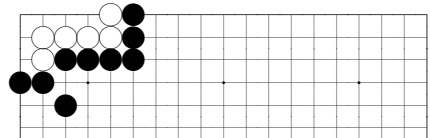
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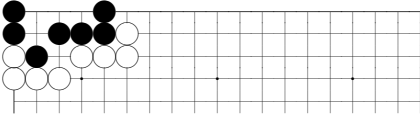
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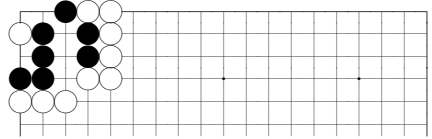
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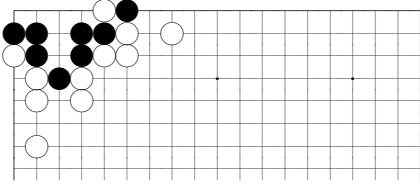
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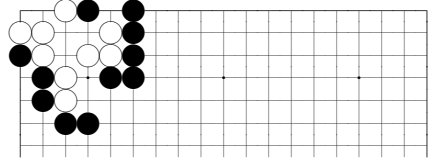
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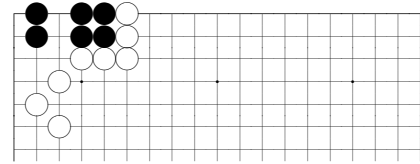
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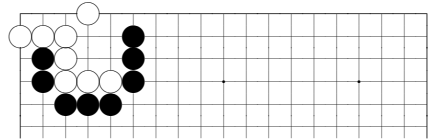
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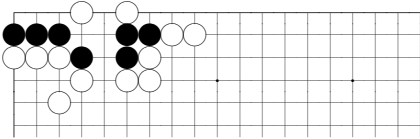
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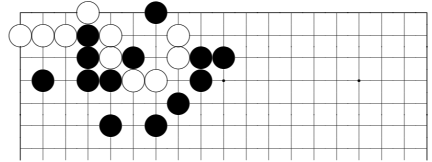
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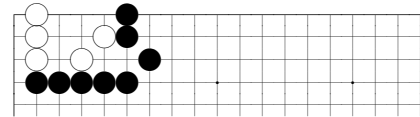
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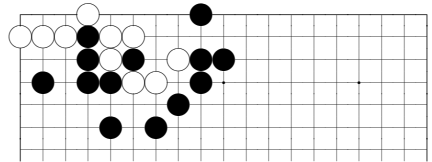
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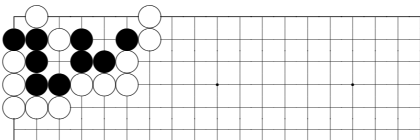
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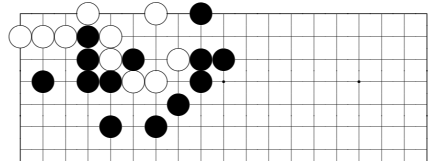
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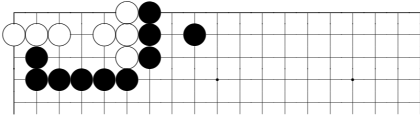
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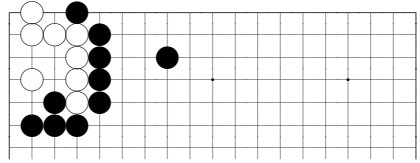
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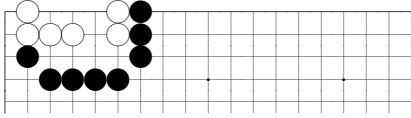
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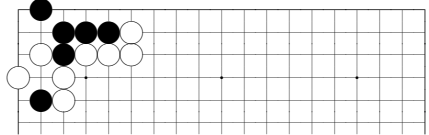
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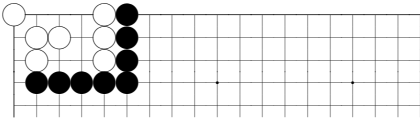
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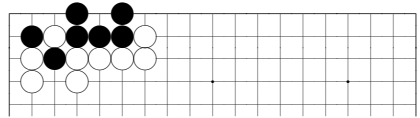
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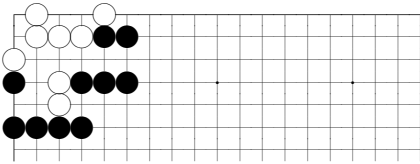
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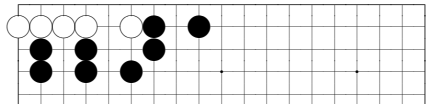
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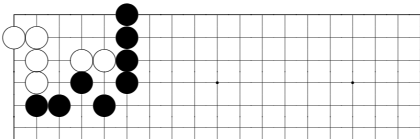
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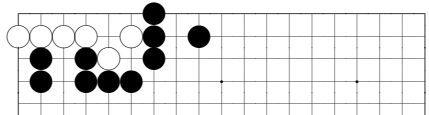
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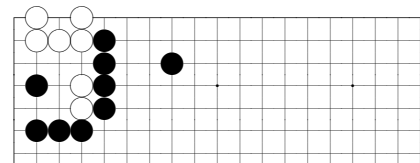
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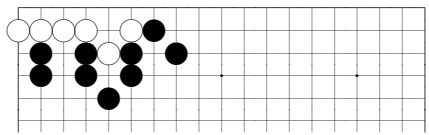
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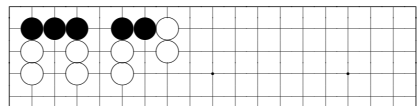
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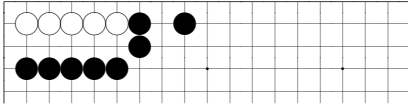
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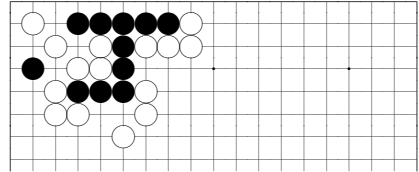
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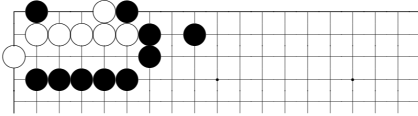
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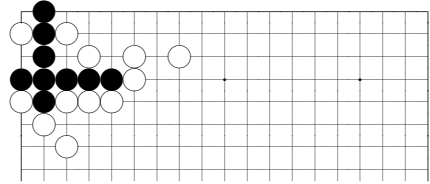
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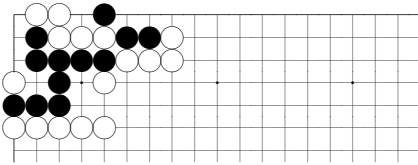
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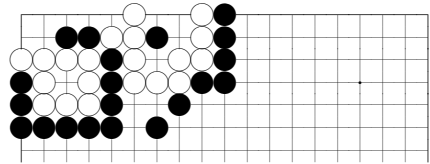
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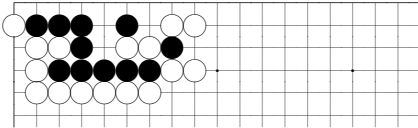
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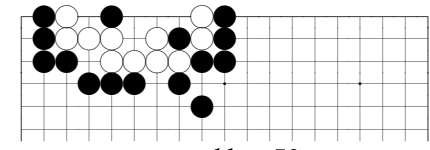
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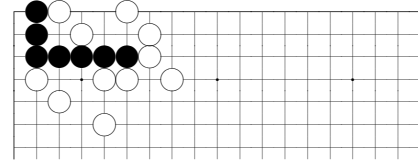
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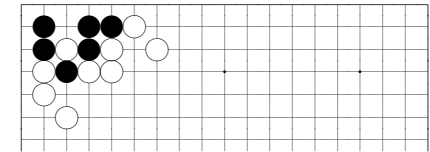
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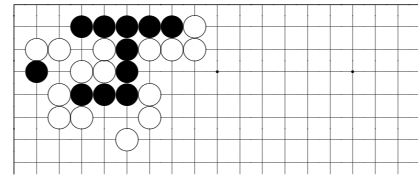
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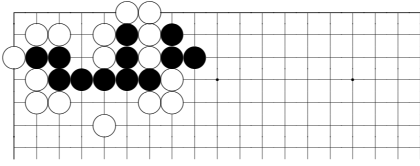
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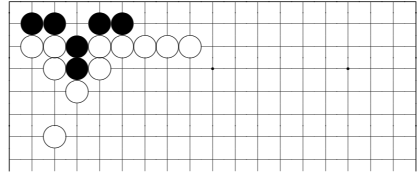
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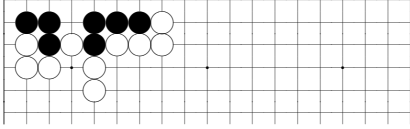
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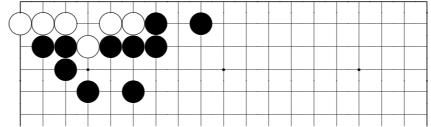
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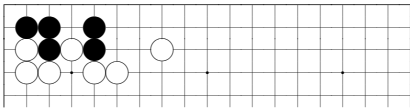
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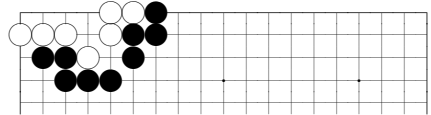
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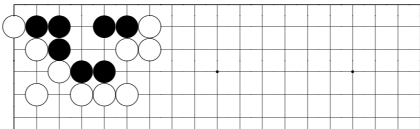
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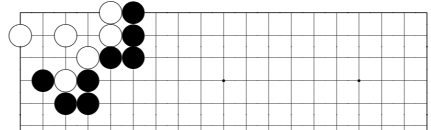
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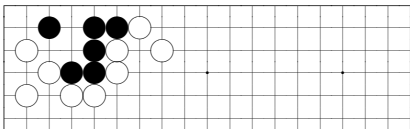
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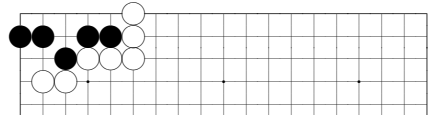
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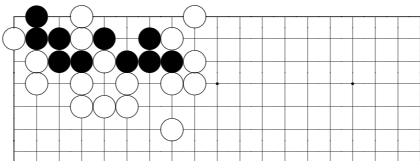
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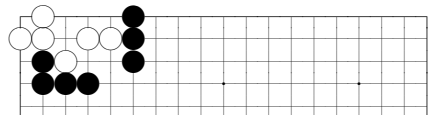
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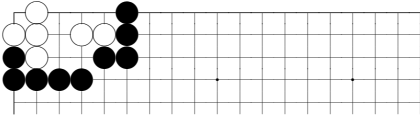
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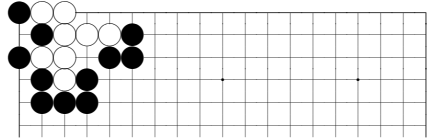
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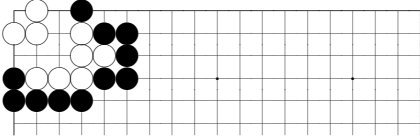
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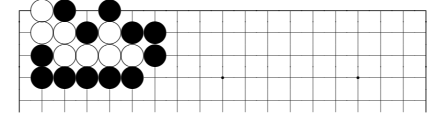
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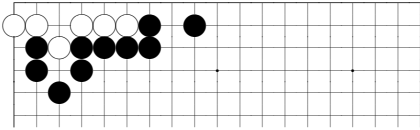
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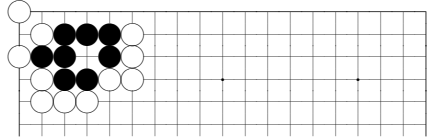
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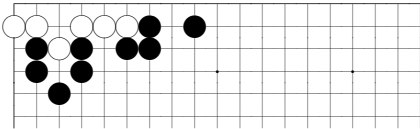
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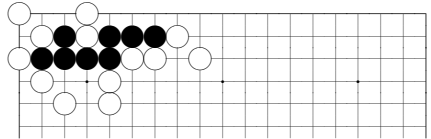
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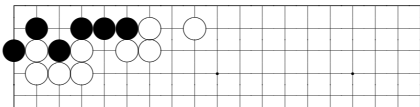
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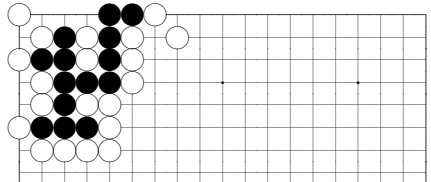
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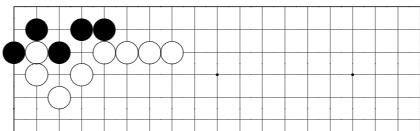
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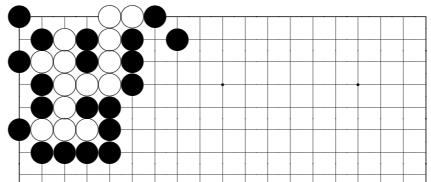
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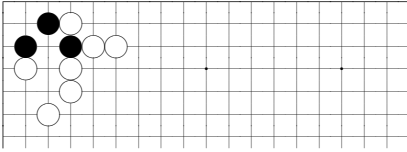
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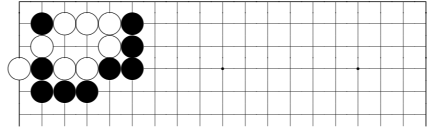
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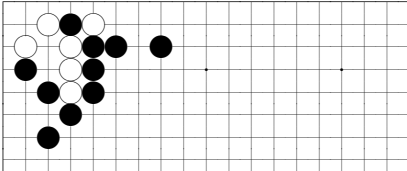
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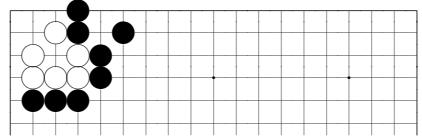
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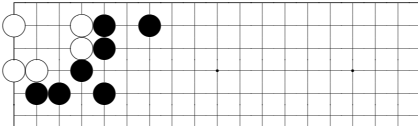
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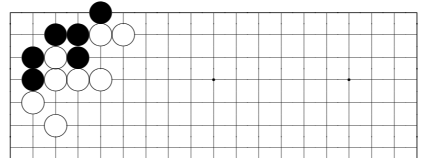
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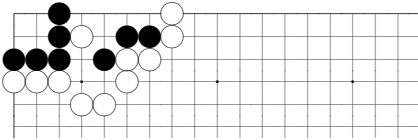
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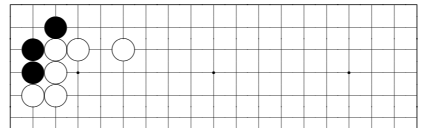
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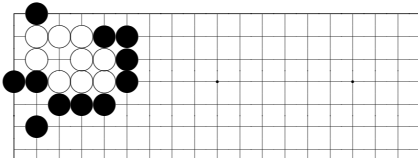
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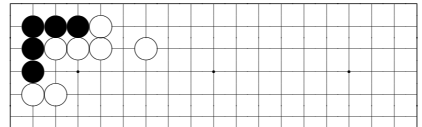
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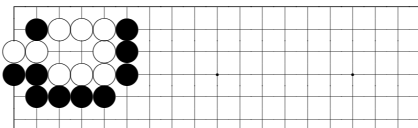
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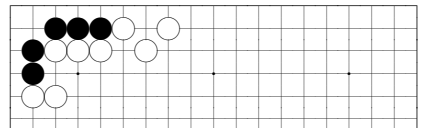
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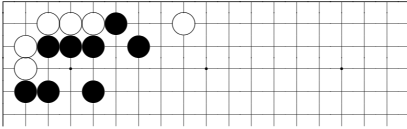
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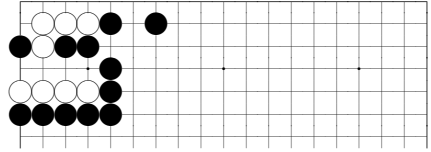
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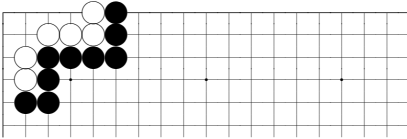
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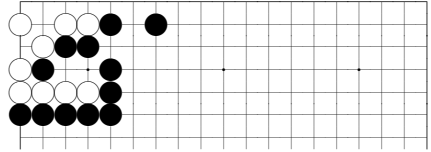
problem 109



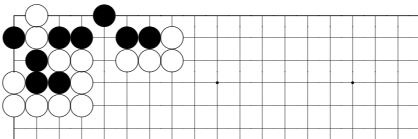
problem 115



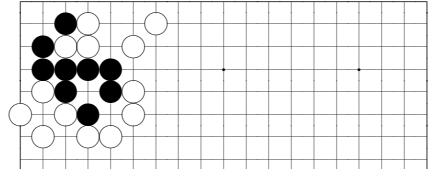
problem 110



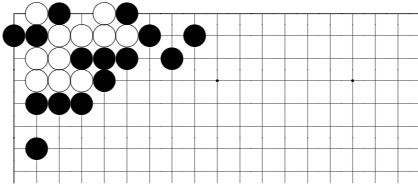
problem 116



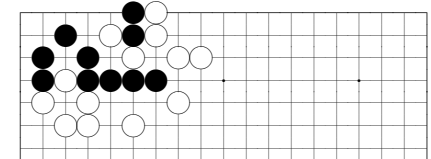
problem 111



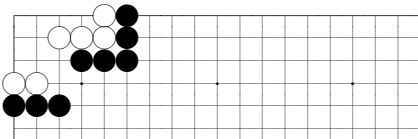
problem 117



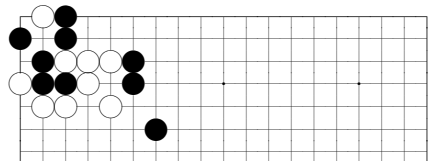
problem 112



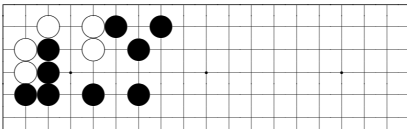
problem 118



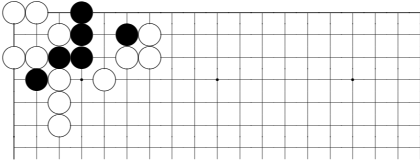
problem 113



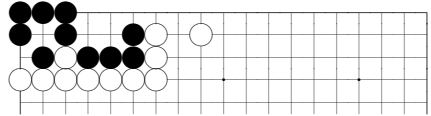
problem 119



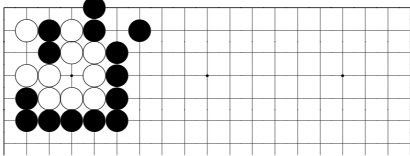
problem 114



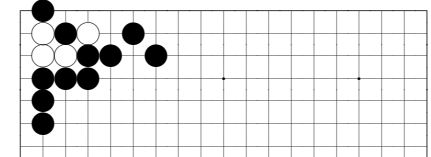
problem 120



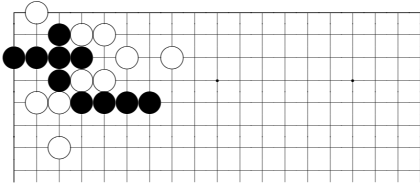
problem 126



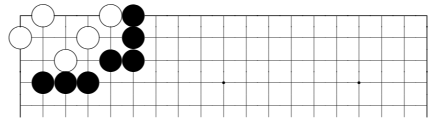
problem 121



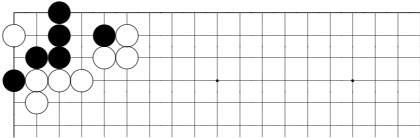
problem 127



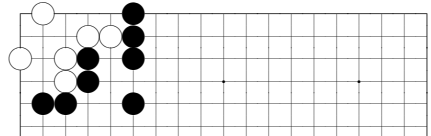
problem 122



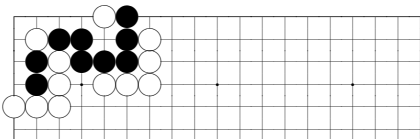
problem 128



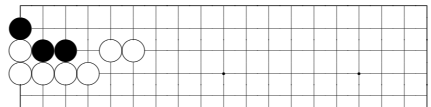
problem 123



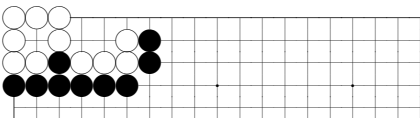
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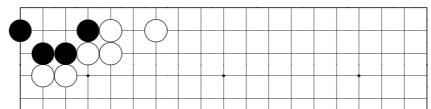
problem 124



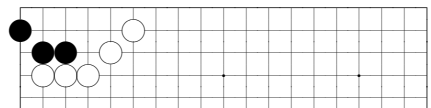
problem 130



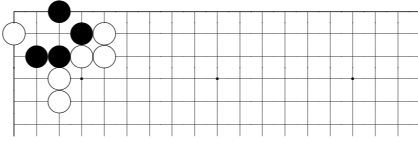
problem 125



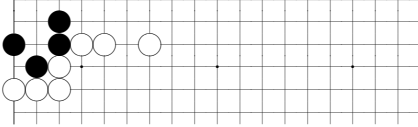
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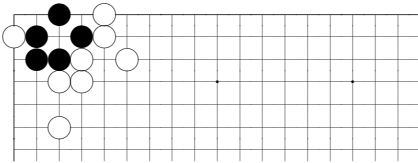
problem 132



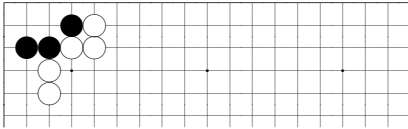
problem 133



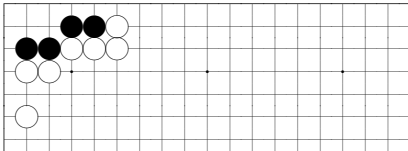
problem 134



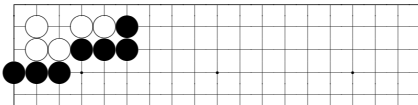
problem 135



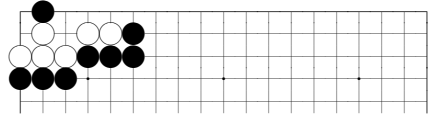
problem 136



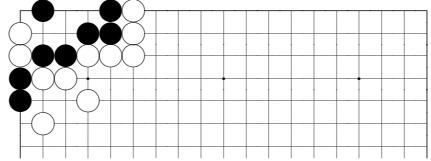
problem 137



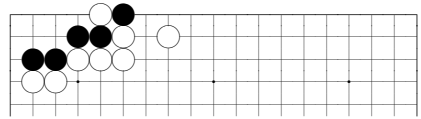
problem 138



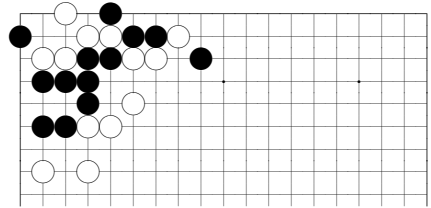
problem 139



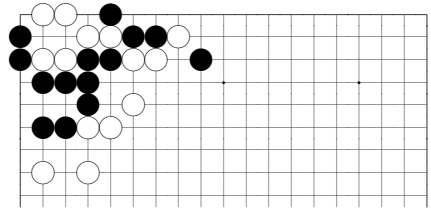
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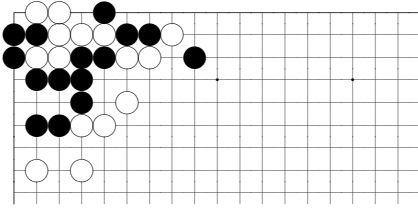
problem 141



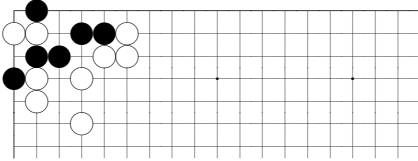
problem 142



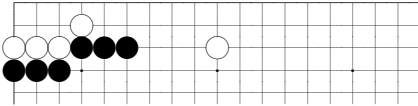
problem 143



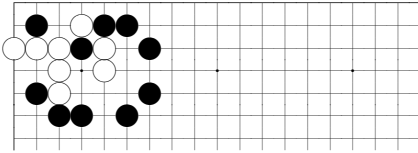
problem 144



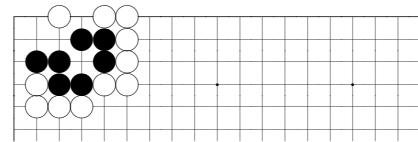
problem 145



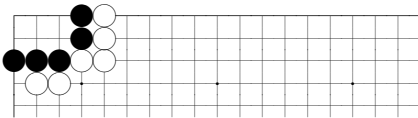
problem 146



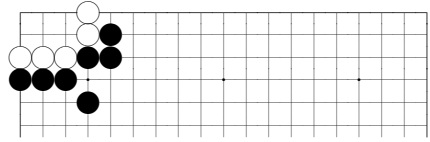
problem 147



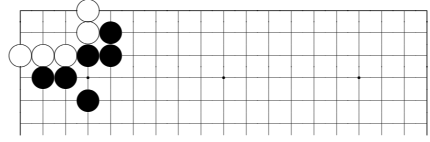
problem 148



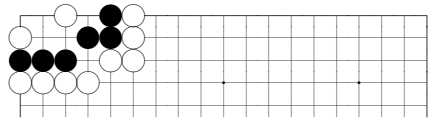
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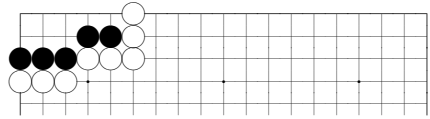
problem 150



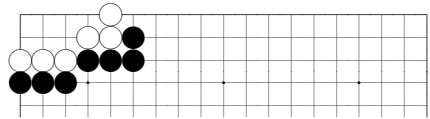
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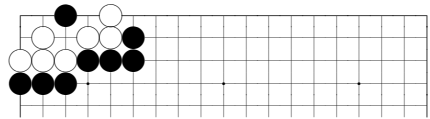
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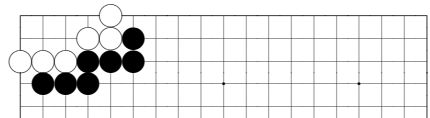
problem 153



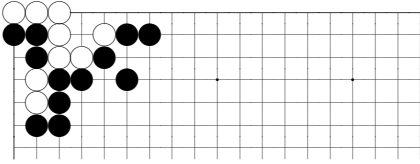
problem 154



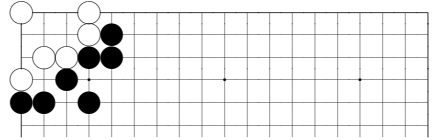
problem 155



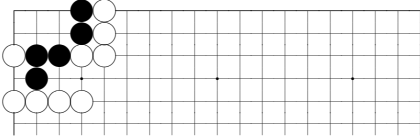
problem 156



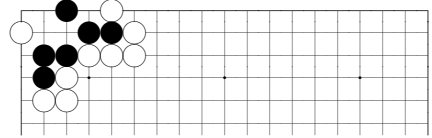
problem 157



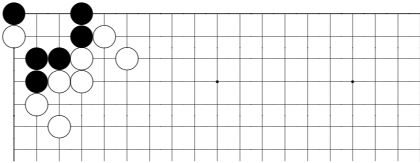
problem 163



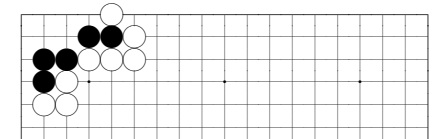
problem 158



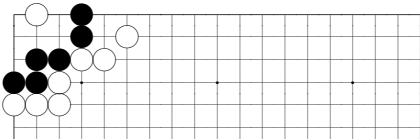
problem 164



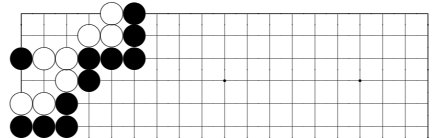
problem 159



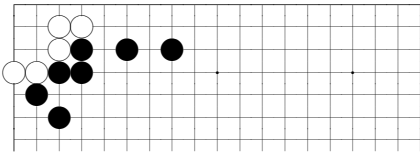
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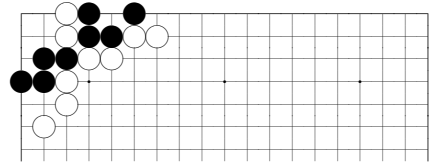
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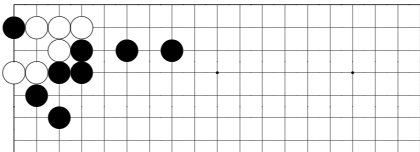
problem 166



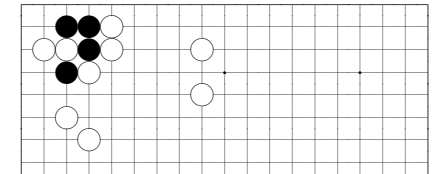
problem 161



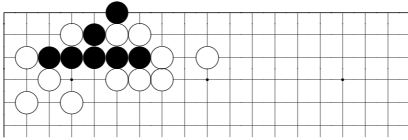
problem 167



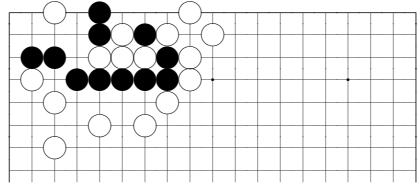
problem 162



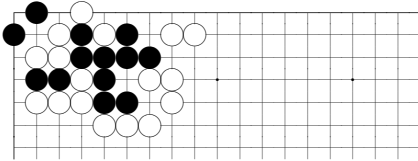
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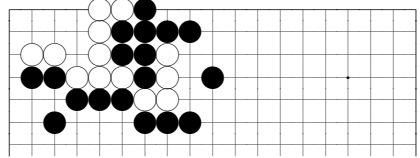
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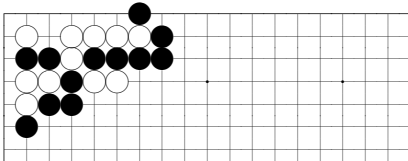
problem 175



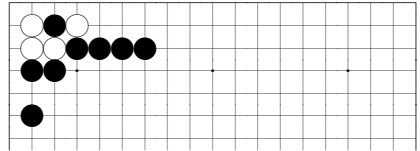
problem 170



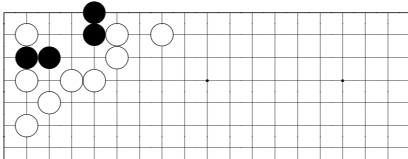
problem 176



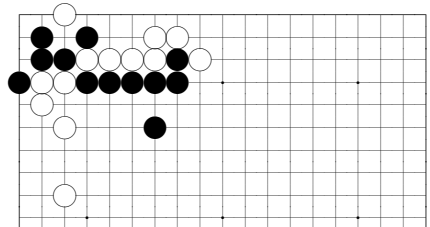
problem 171



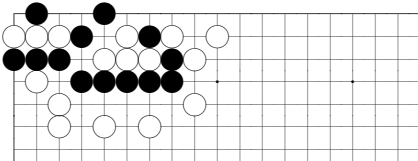
problem 177



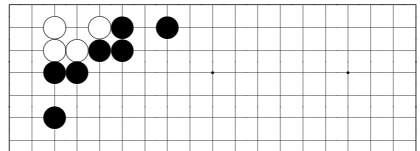
problem 172



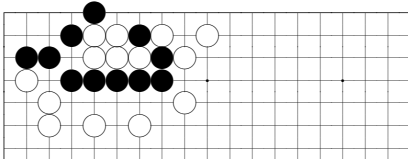
problem 178



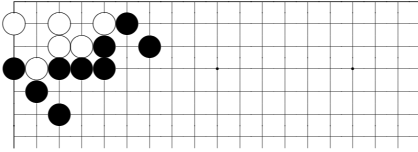
problem 173



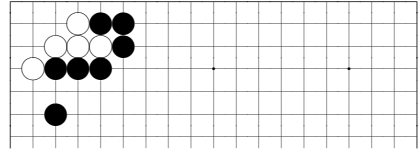
problem 179



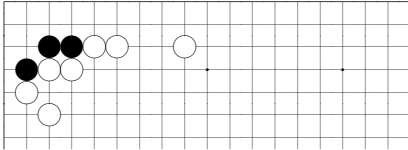
problem 174



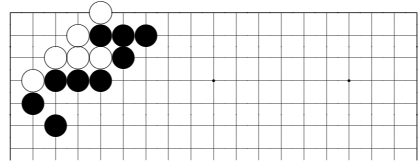
problem 180



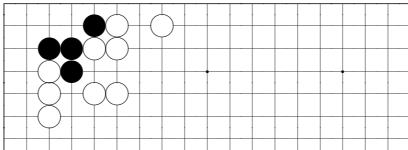
problem 186



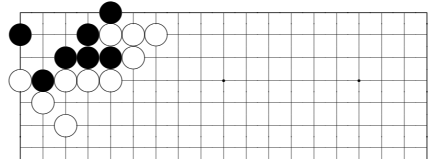
problem 181



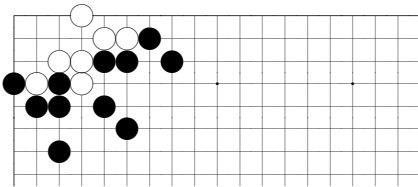
problem 187



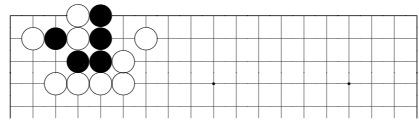
problem 182



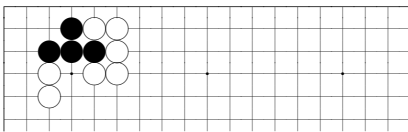
problem 188



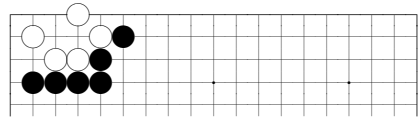
problem 183



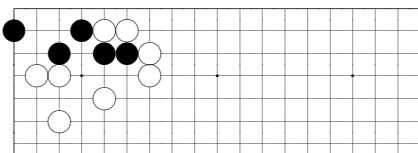
problem 189



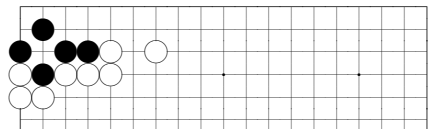
problem 184



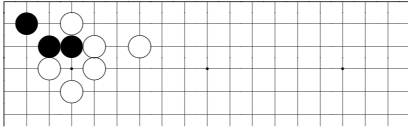
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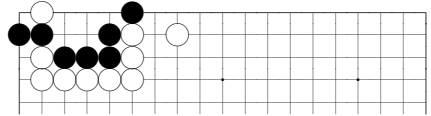
problem 185



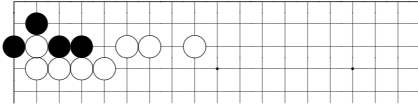
problem 191



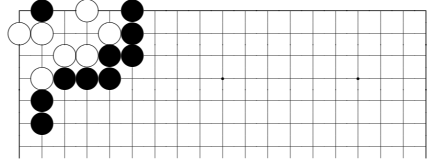
problem 192



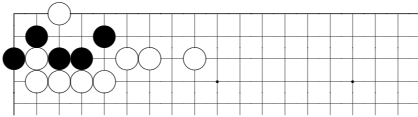
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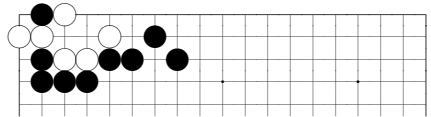
problem 193



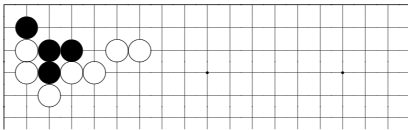
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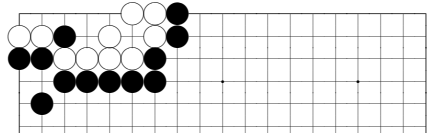
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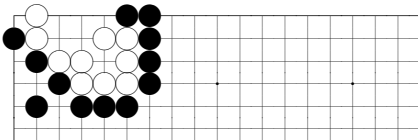
problem 201



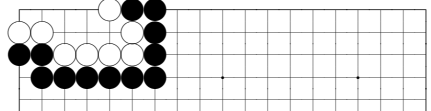
problem 195



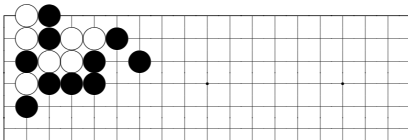
problem 202



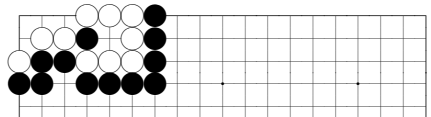
problem 196



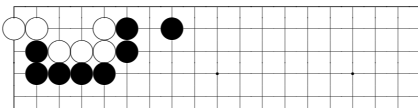
problem 203



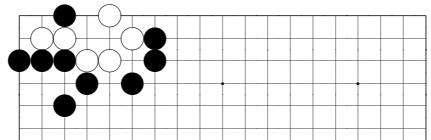
problem 197



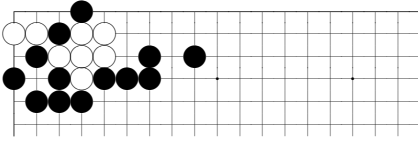
problem 204



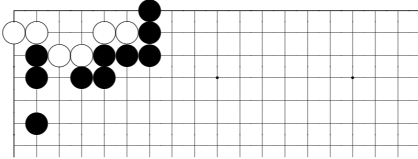
problem 198



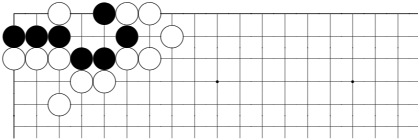
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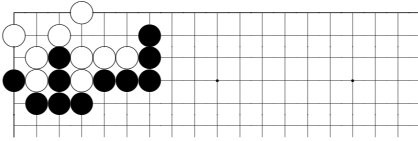
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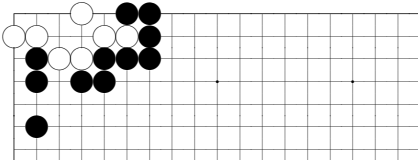
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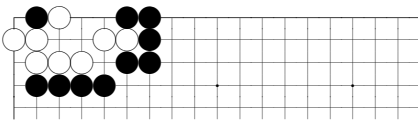
problem 208



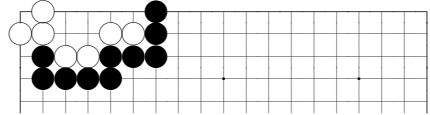
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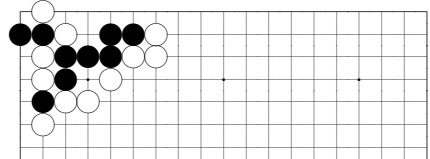
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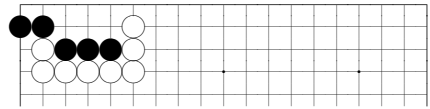
problem 211



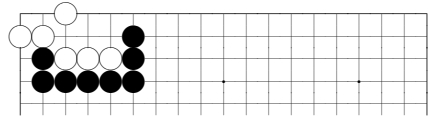
problem 212



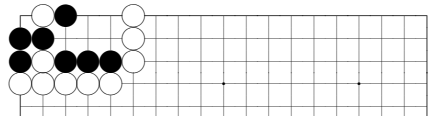
problem 213



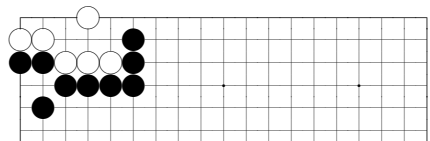
problem 214



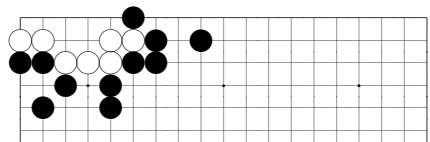
problem 215



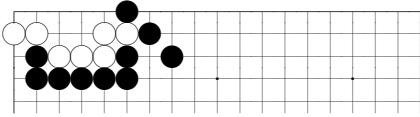
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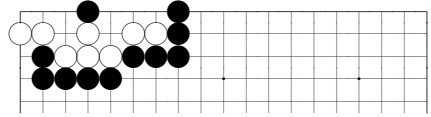
problem 217



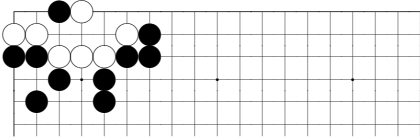
problem 218



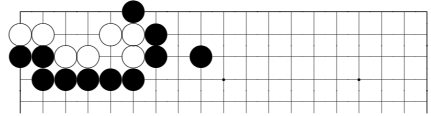
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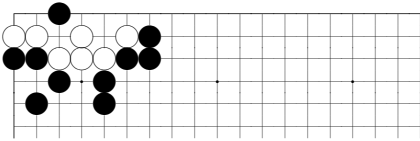
problem 226



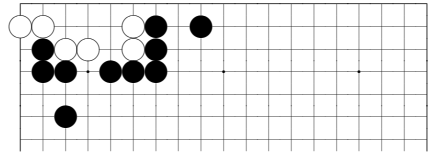
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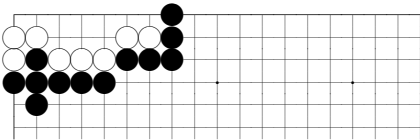
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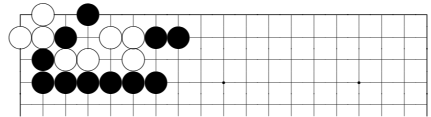
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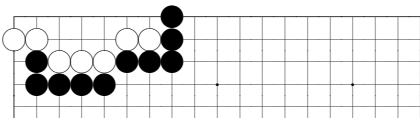
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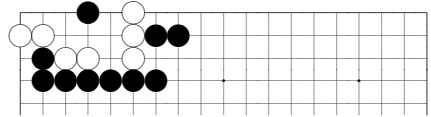
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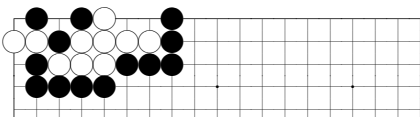
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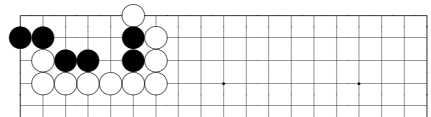
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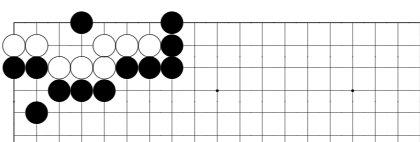
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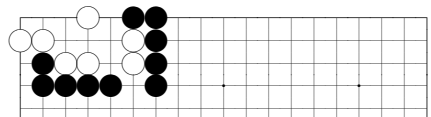
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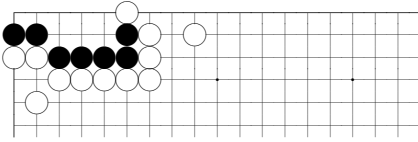
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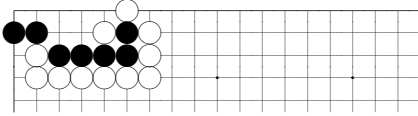
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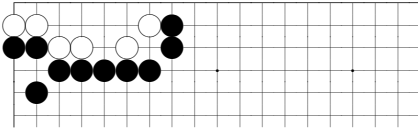
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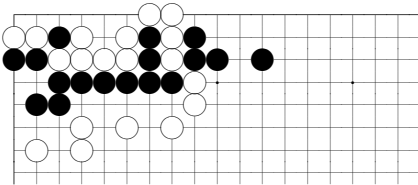
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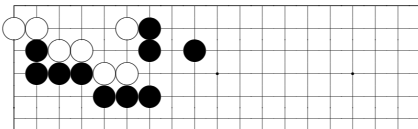
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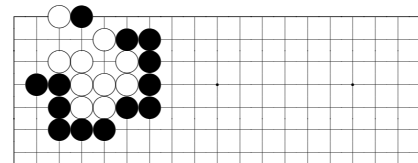
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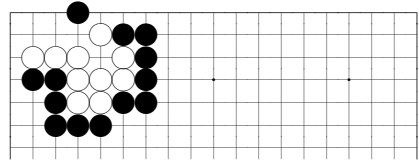
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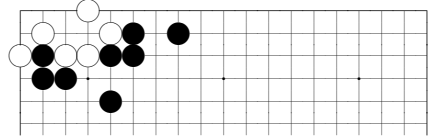
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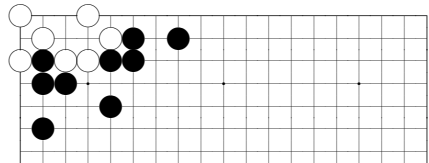
problem 238



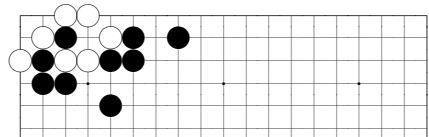
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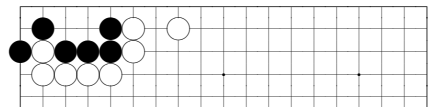
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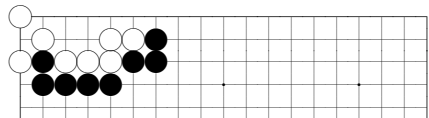
problem 241



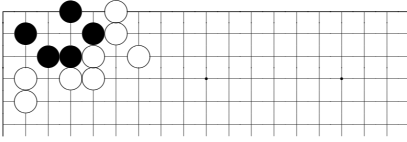
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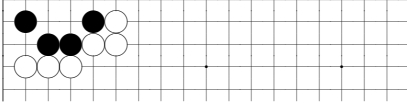
problem 243



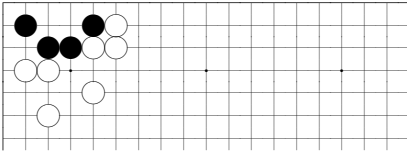
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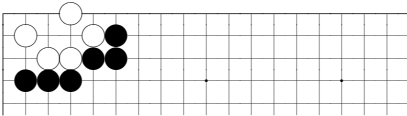
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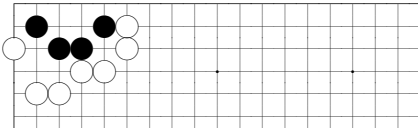
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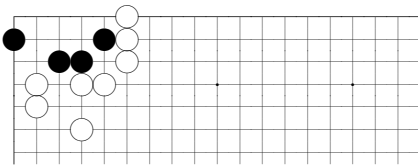
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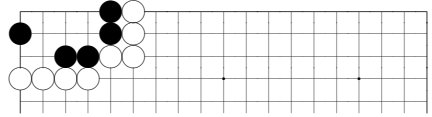
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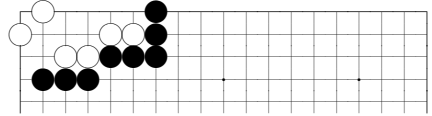
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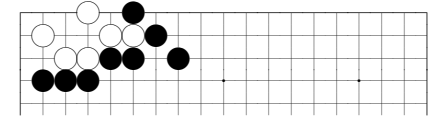
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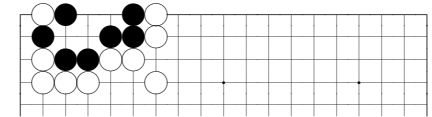
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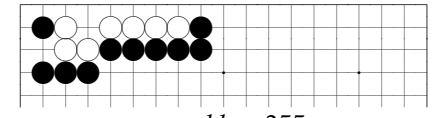
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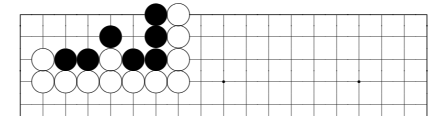
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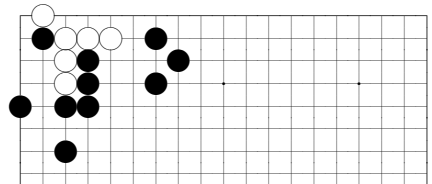
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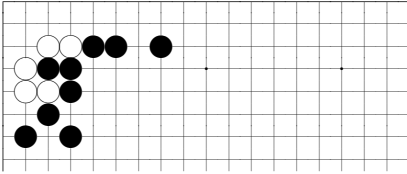
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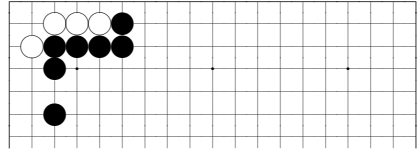
problem 256



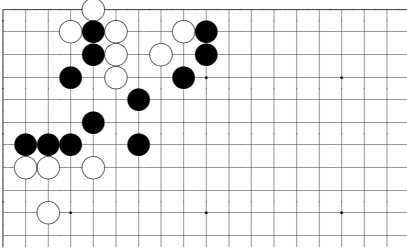
problem 257



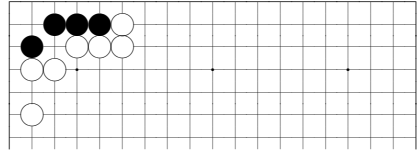
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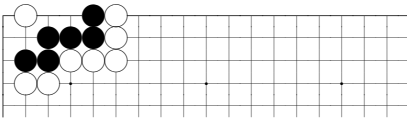
problem 264



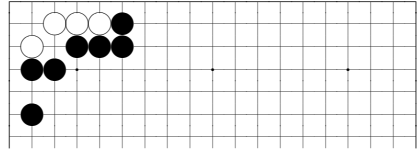
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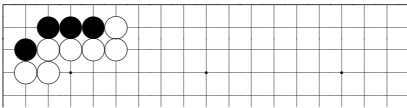
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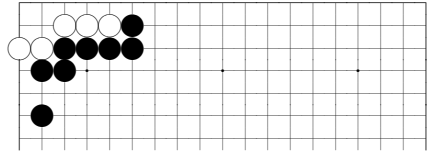
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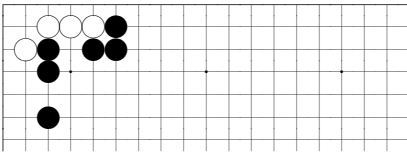
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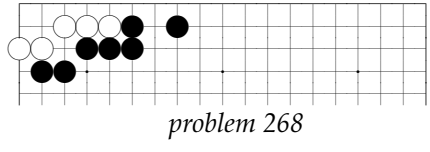
problem 261



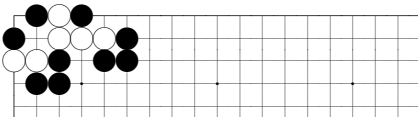
problem 267



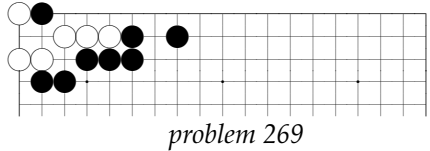
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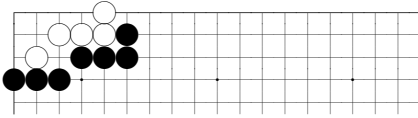
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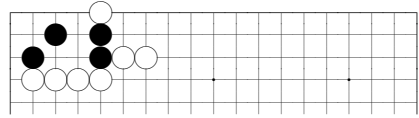
problem 263



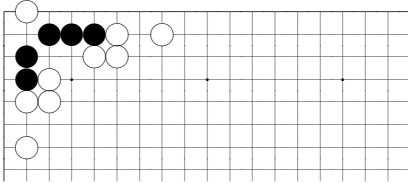
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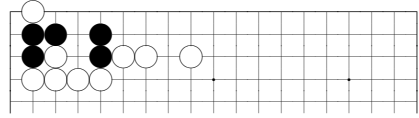
problem 270



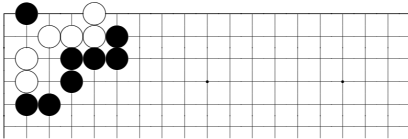
problem 276



problem 271



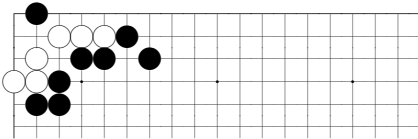
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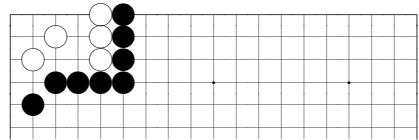
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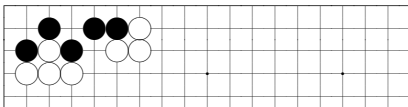
problem 278



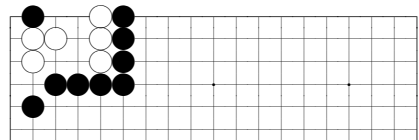
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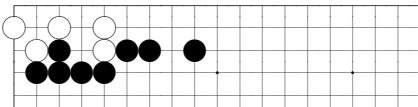
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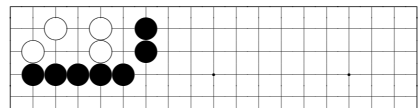
problem 274



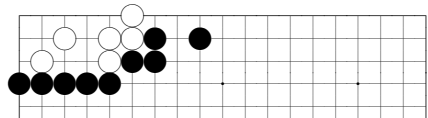
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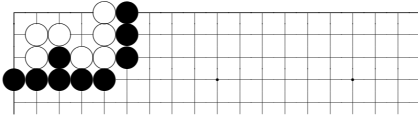
problem 275



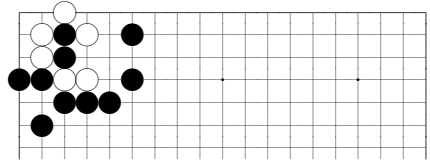
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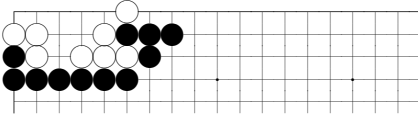
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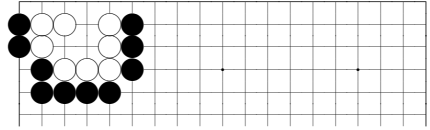
problem 283



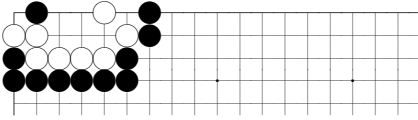
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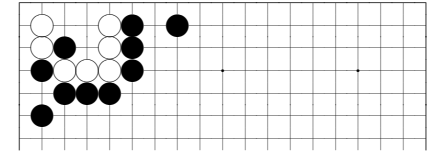
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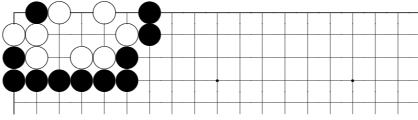
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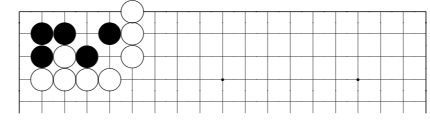
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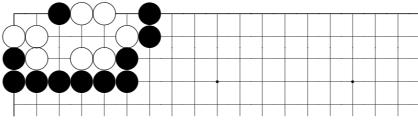
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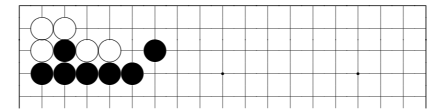
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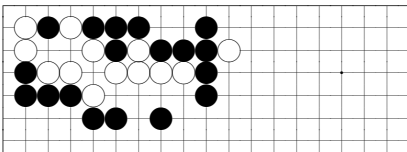
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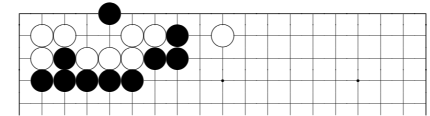
problem 287



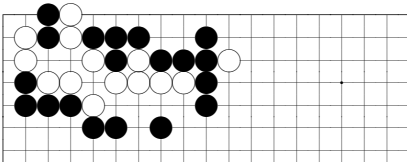
problem 294



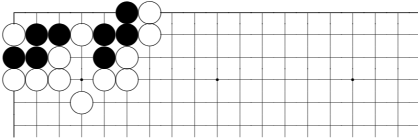
problem 288



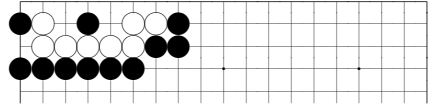
problem 295



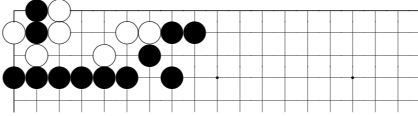
problem 289



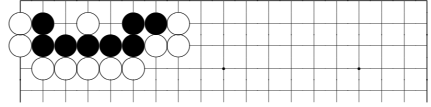
problem 296



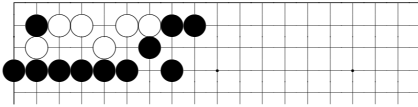
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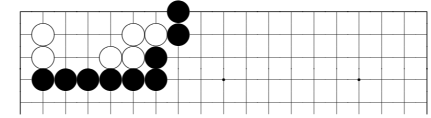
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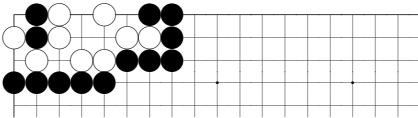
problem 304



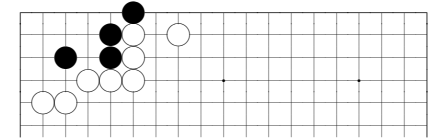
problem 298



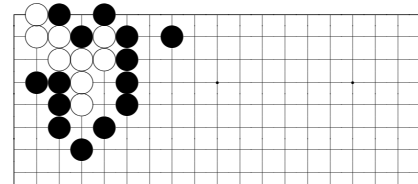
problem 305



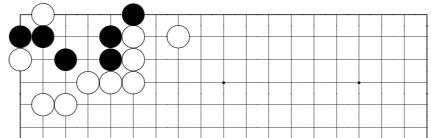
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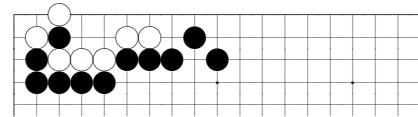
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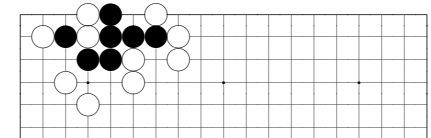
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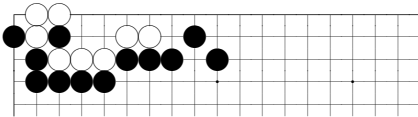
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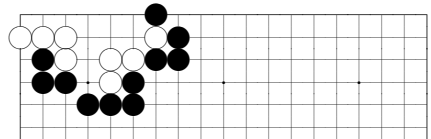
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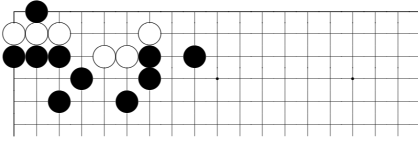
problem 308



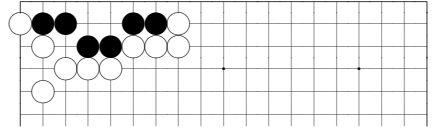
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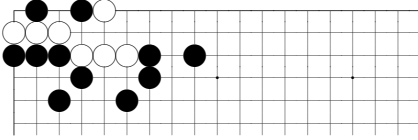
problem 309



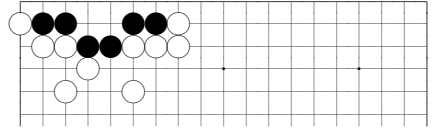
problem 310



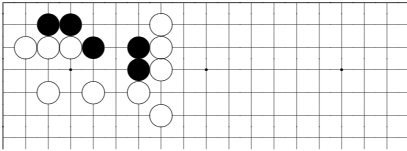
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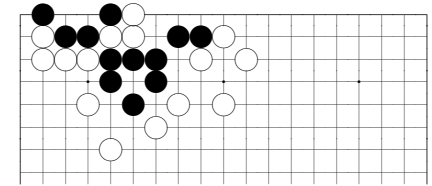
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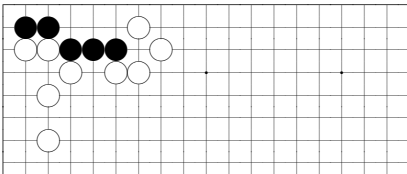
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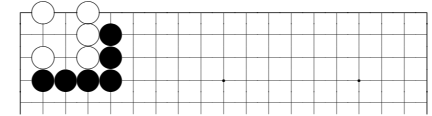
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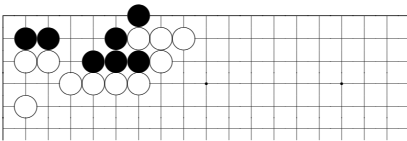
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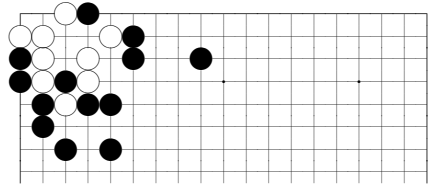
problem 313



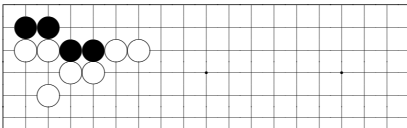
problem 319



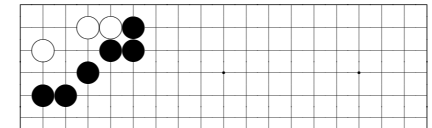
problem 314



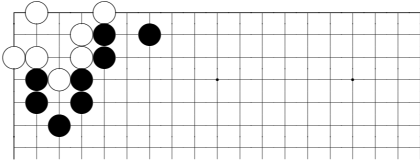
problem 320



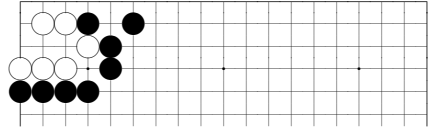
problem 315



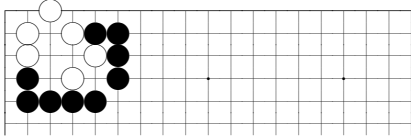
problem 321



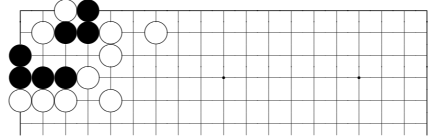
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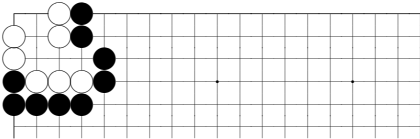
problem 328



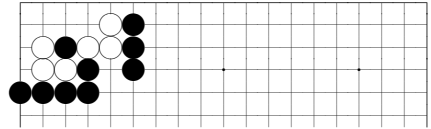
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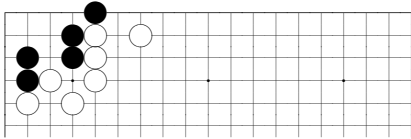
problem 329



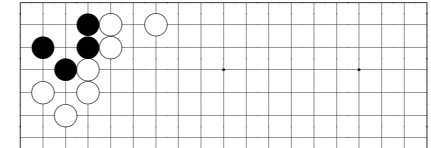
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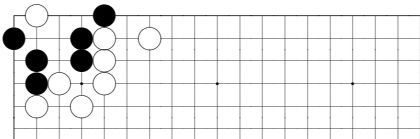
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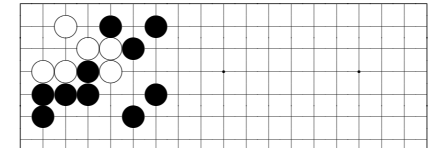
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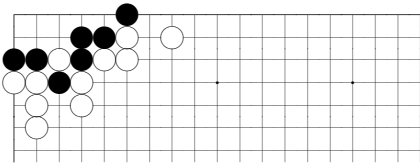
problem 331



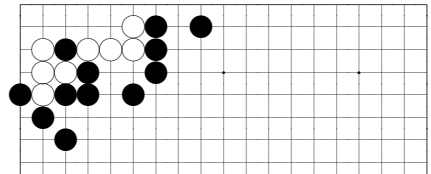
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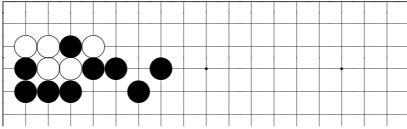
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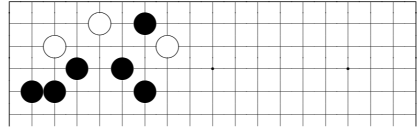
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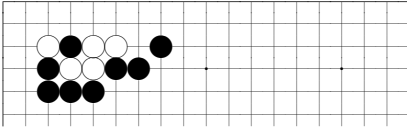
problem 333



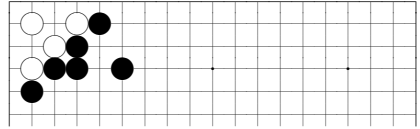
problem 346



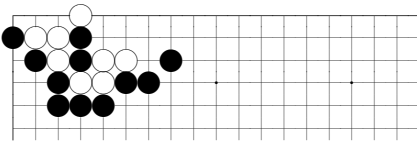
problem 352



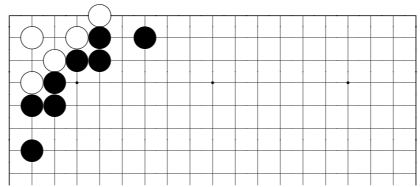
problem 347



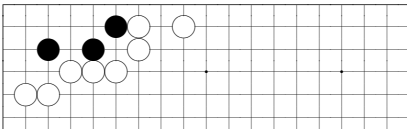
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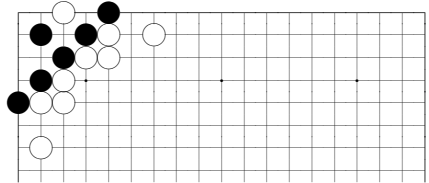
problem 348



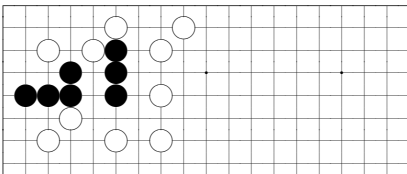
problem 354



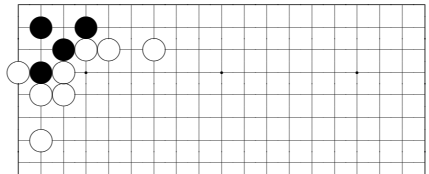
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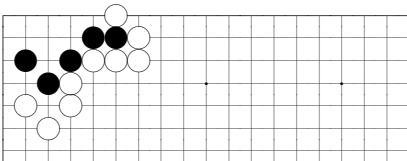
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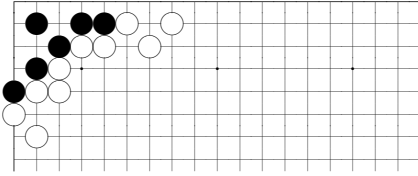
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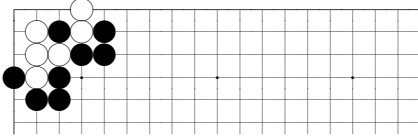
problem 356



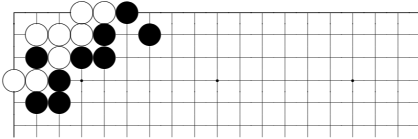
problem 351



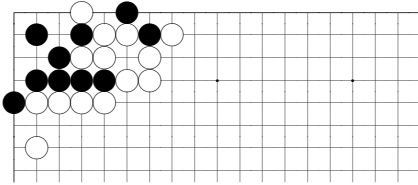
problem 357



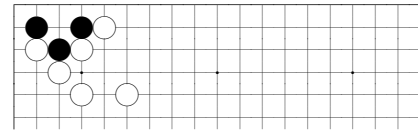
problem 358



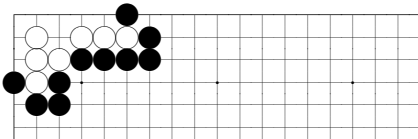
problem 359



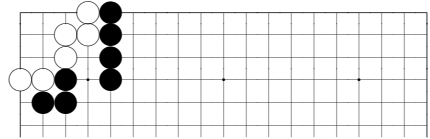
problem 360



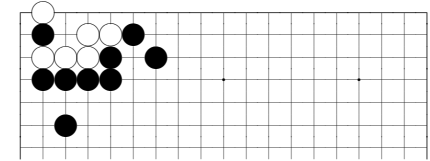
problem 361



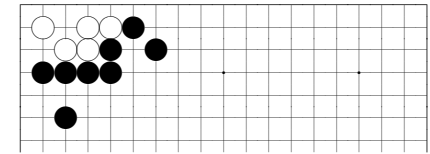
problem 362



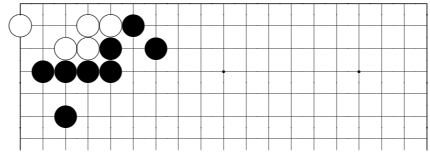
problem 363



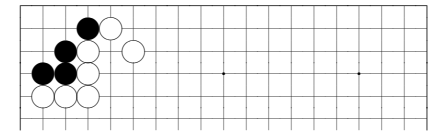
problem 364



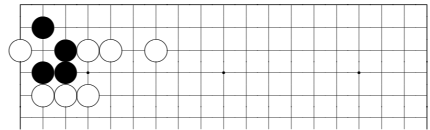
problem 365



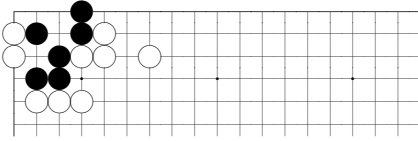
problem 366



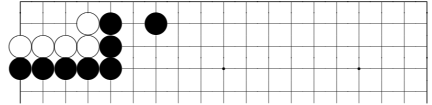
problem 367



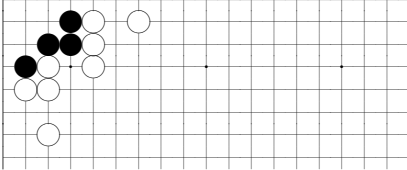
problem 368



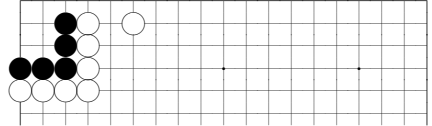
problem 369



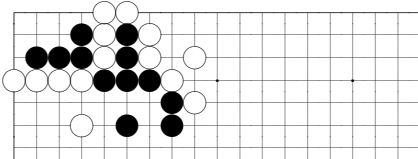
problem 375



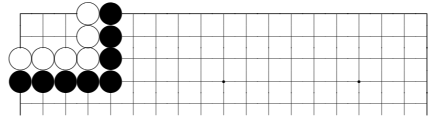
problem 370



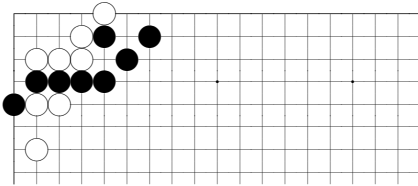
problem 376



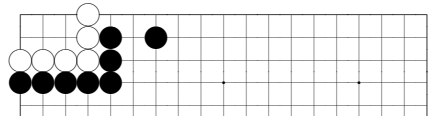
problem 371



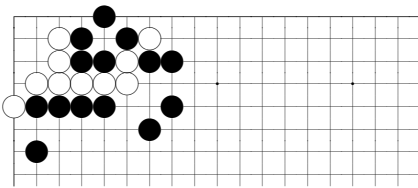
problem 377



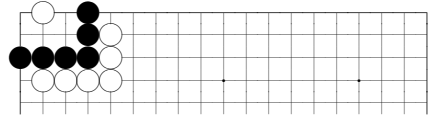
problem 372



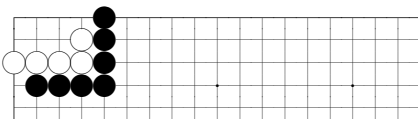
problem 378



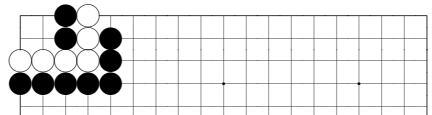
problem 373



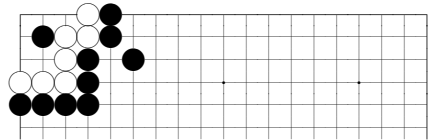
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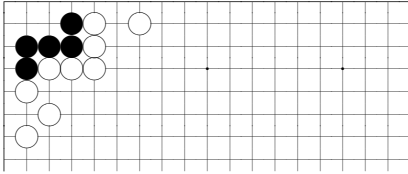
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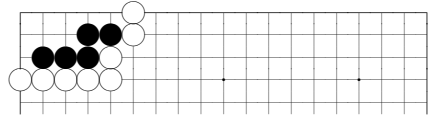
problem 380



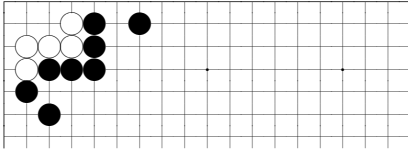
problem 381



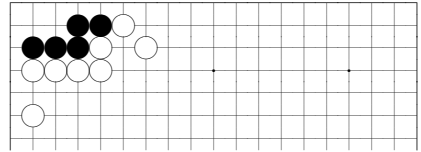
problem 382



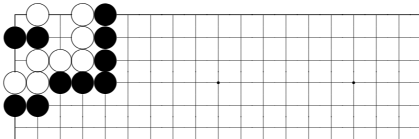
problem 388



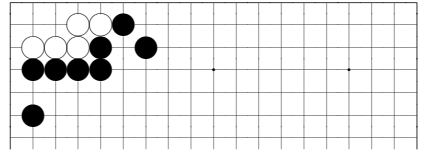
problem 383



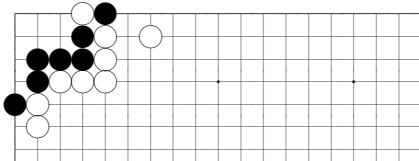
problem 389



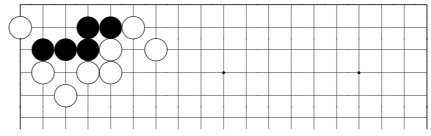
problem 384



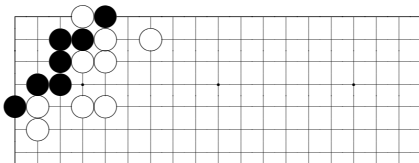
problem 390



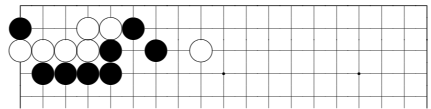
problem 385



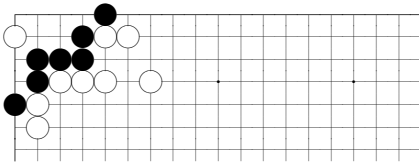
problem 391



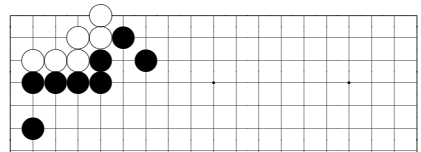
problem 386



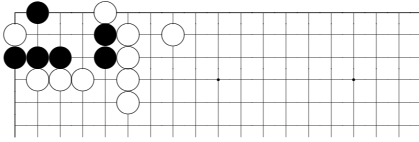
problem 392



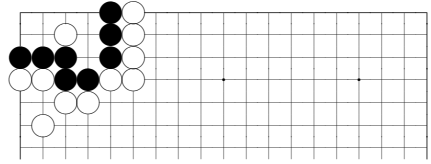
problem 387



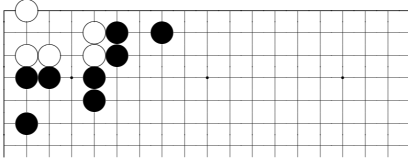
problem 393



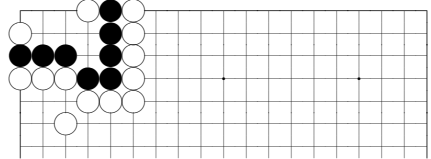
problem 406



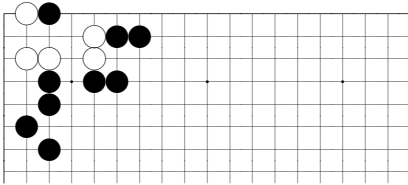
problem 412



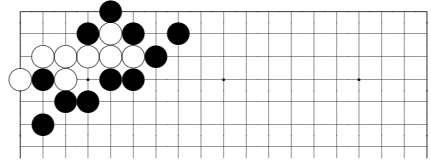
problem 407



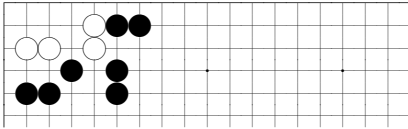
problem 413



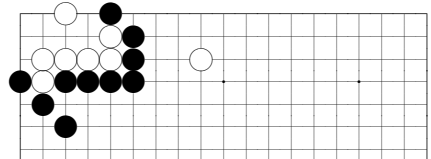
problem 408



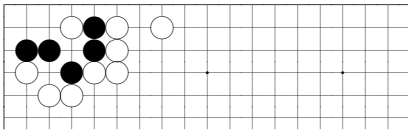
problem 414



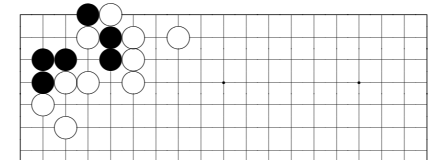
problem 409



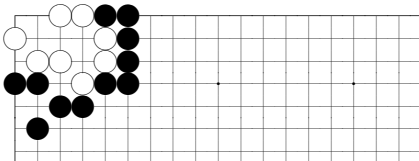
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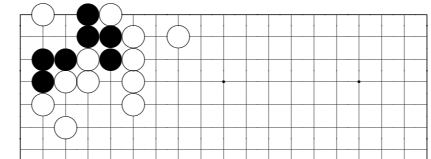
problem 410



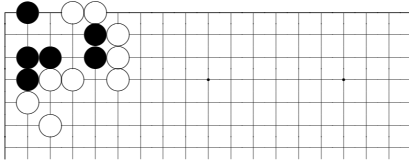
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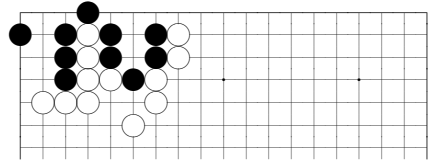
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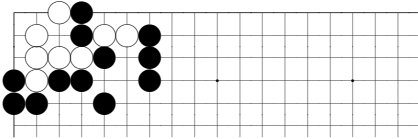
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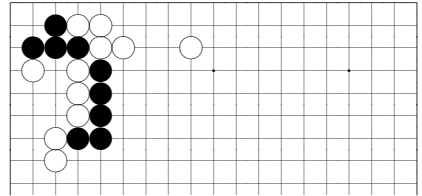
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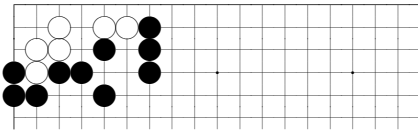
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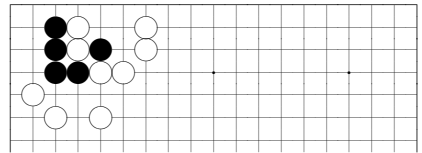
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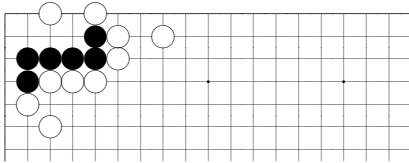
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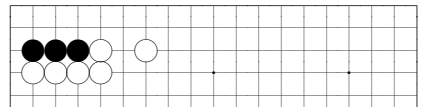
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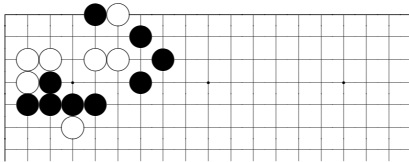
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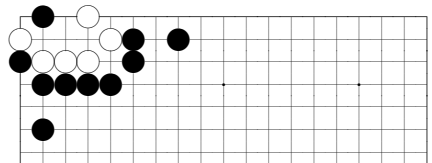
problem 421



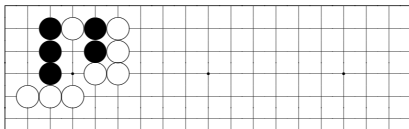
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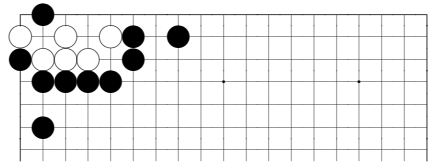
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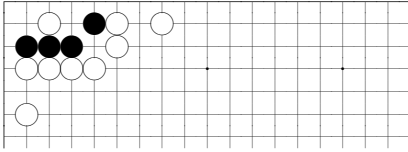
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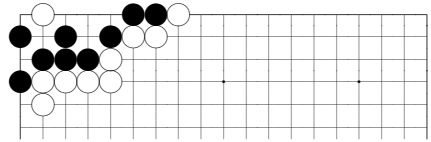
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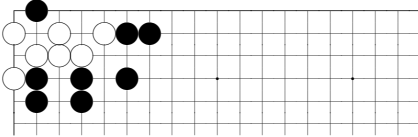
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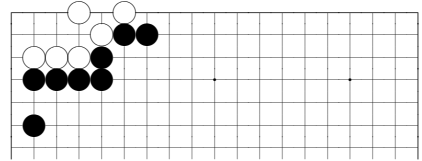
problem 430



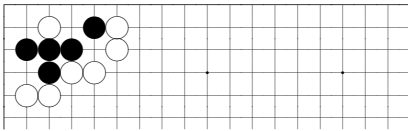
problem 436



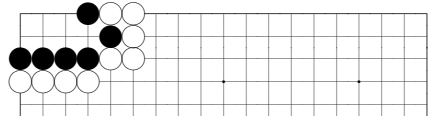
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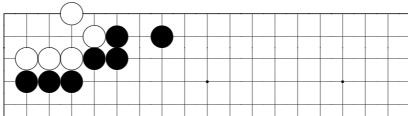
problem 437



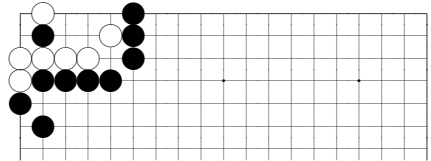
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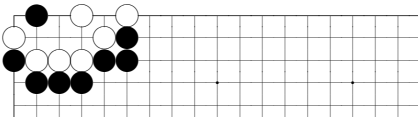
problem 438



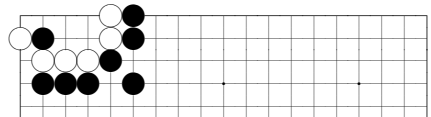
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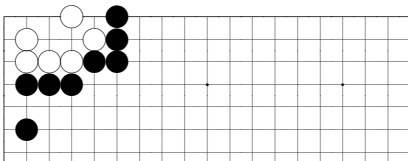
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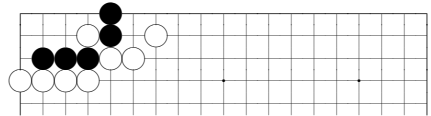
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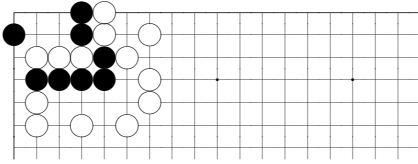
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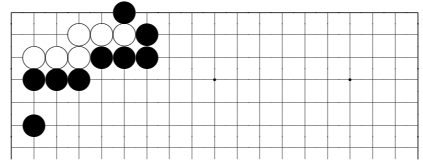
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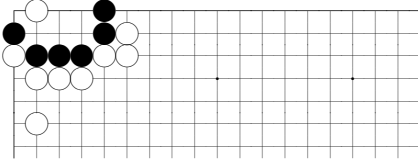
problem 441



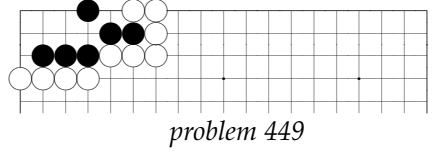
problem 442



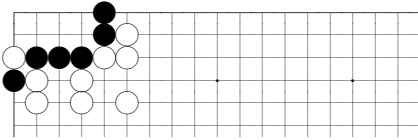
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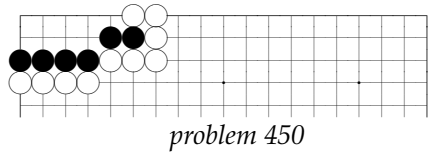
problem 443



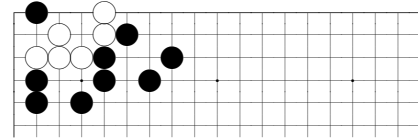
problem 449



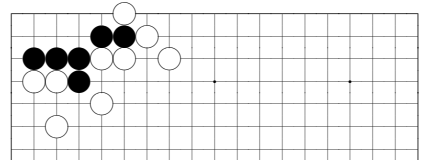
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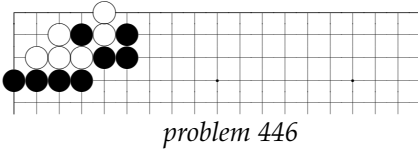
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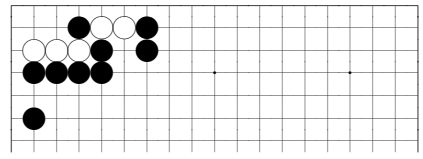
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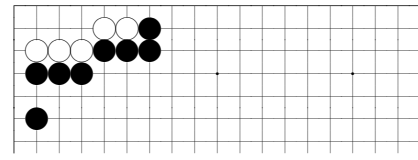
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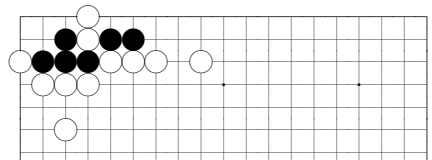
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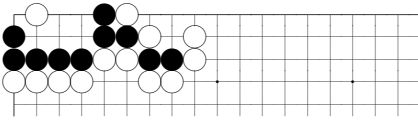
problem 452



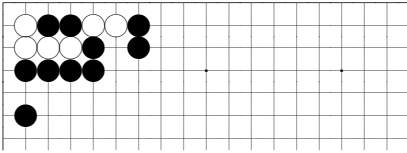
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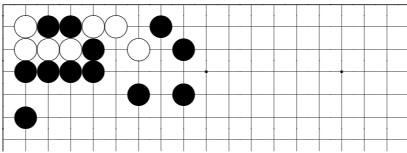
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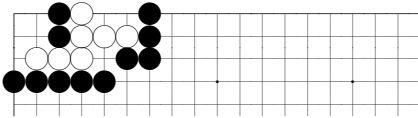
problem 454



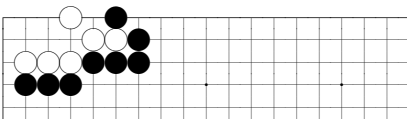
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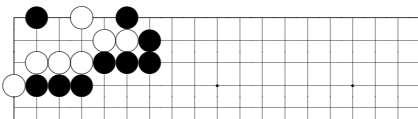
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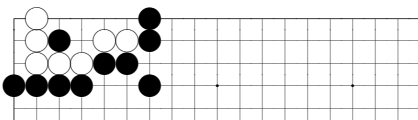
problem 457



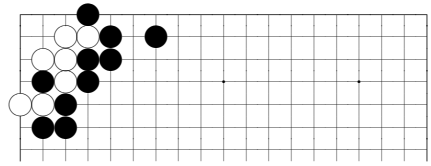
problem 458



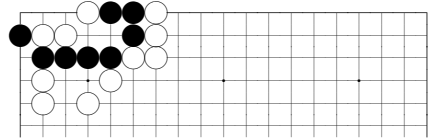
problem 459



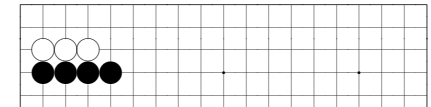
problem 460



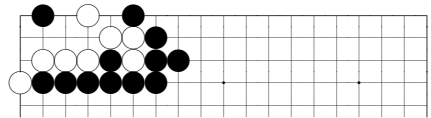
problem 461



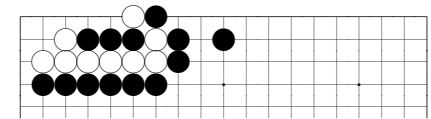
problem 462



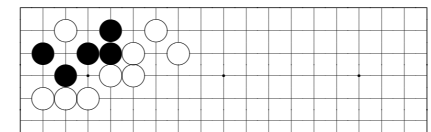
problem 463



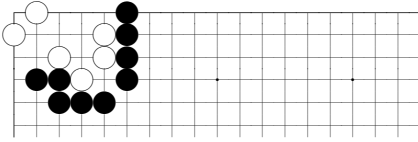
problem 464



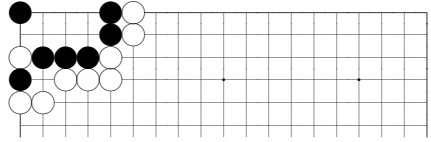
problem 465



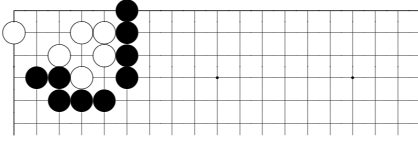
problem 466



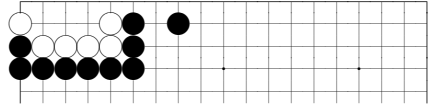
problem 467



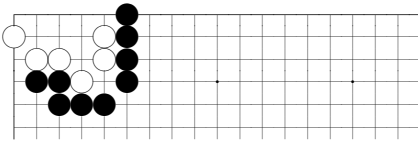
problem 473



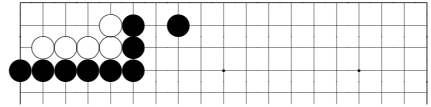
problem 468



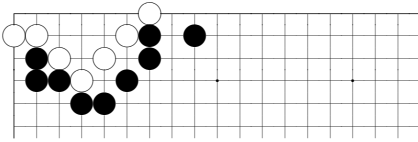
problem 474



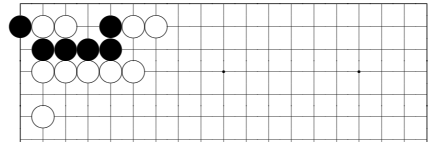
problem 469



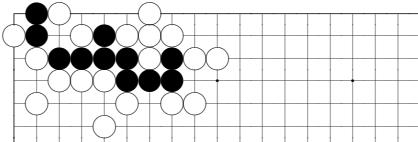
problem 475



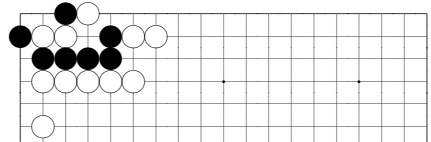
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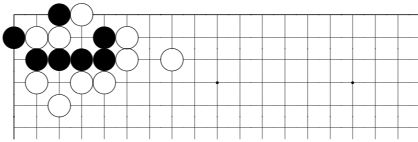
problem 476



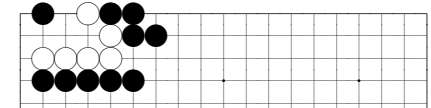
problem 471



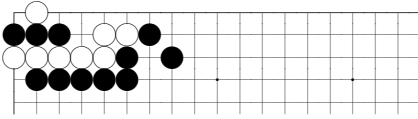
problem 477



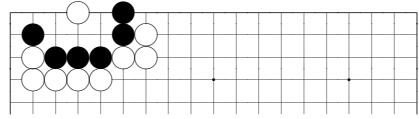
problem 472



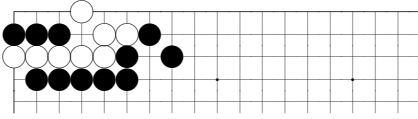
problem 478



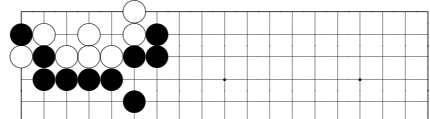
problem 491



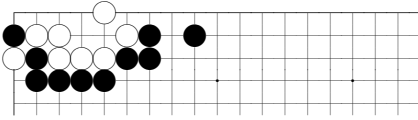
problem 498



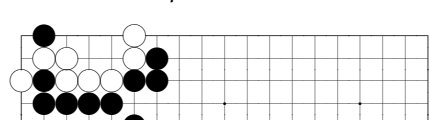
problem 492



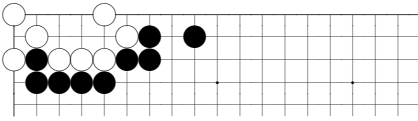
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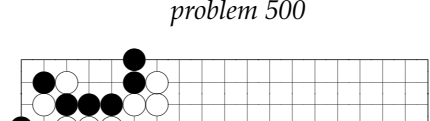
problem 493



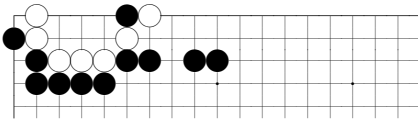
problem 500



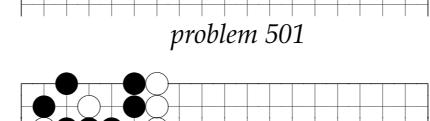
problem 494



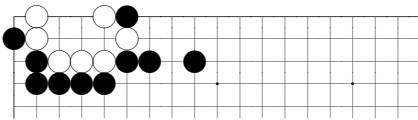
problem 501



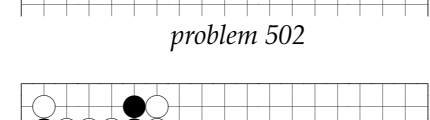
problem 495



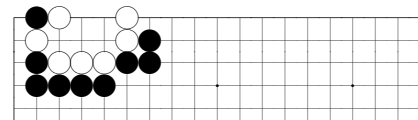
problem 502



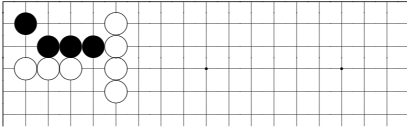
problem 496



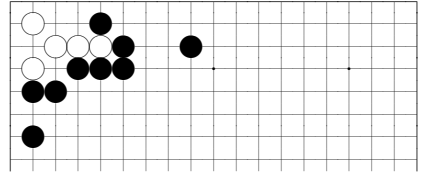
problem 503



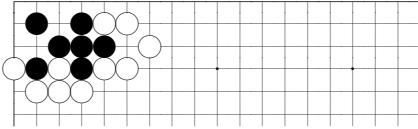
problem 497



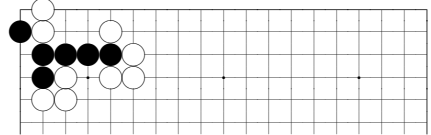
problem 504



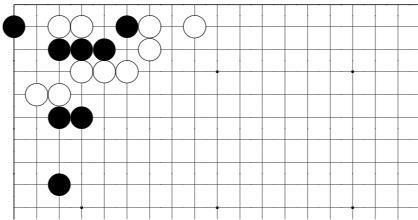
problem 509



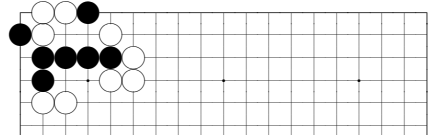
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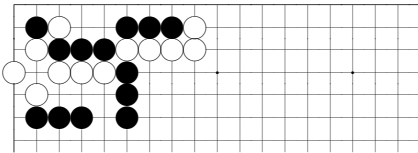
problem 510



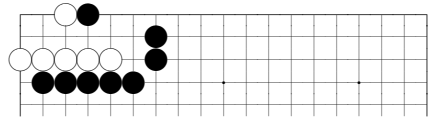
problem 506



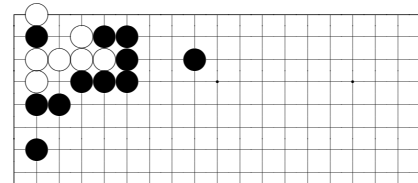
problem 511



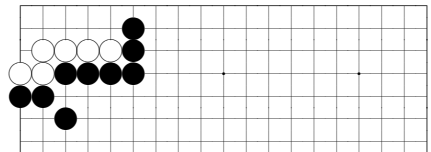
problem 507



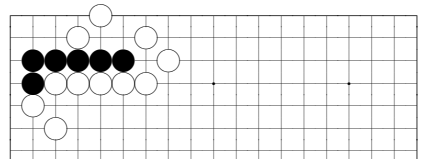
problem 512



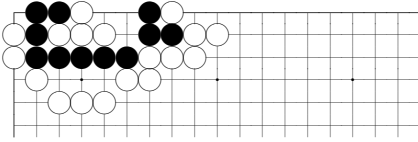
problem 508



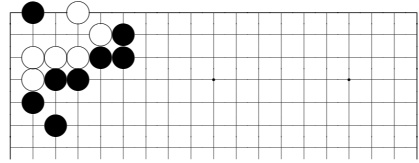
problem 513



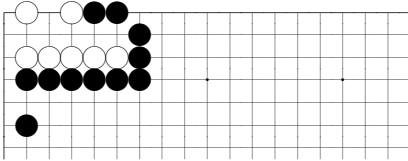
problem 514



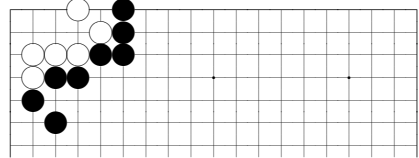
problem 515



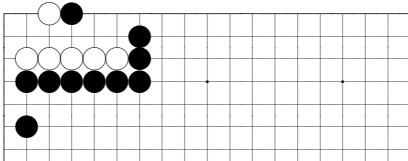
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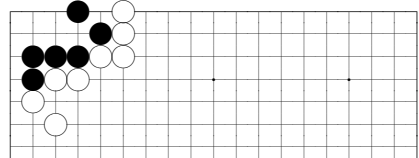
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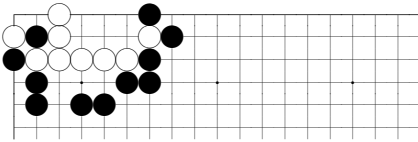
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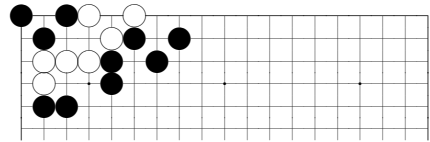
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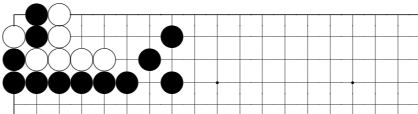
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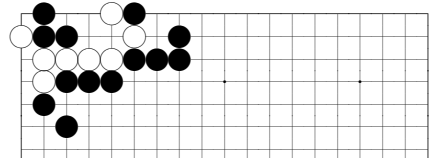
problem 518



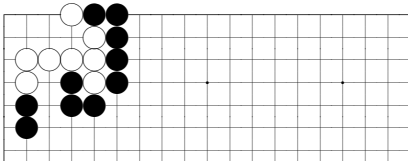
problem 524



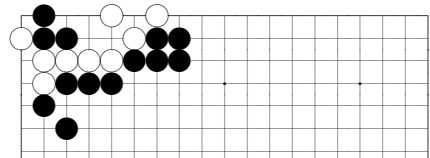
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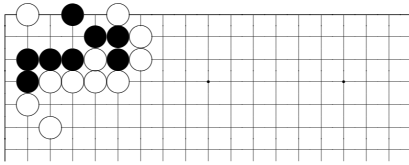
problem 525



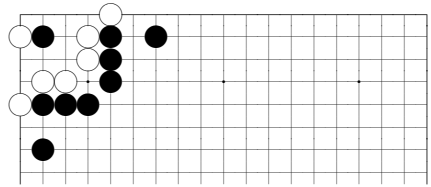
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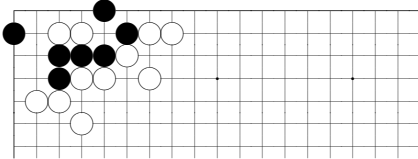
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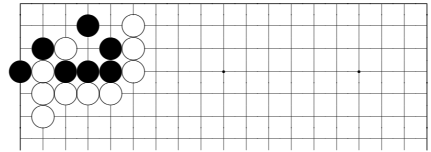
problem 527



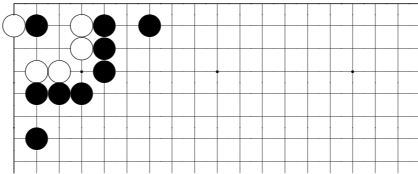
problem 532



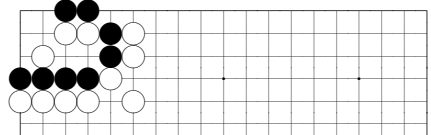
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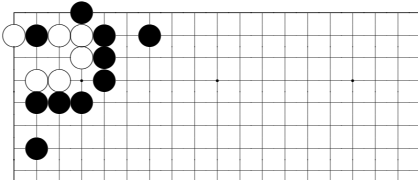
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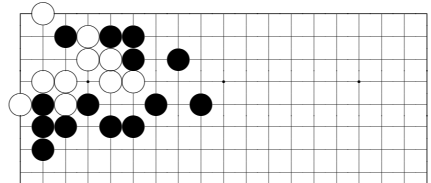
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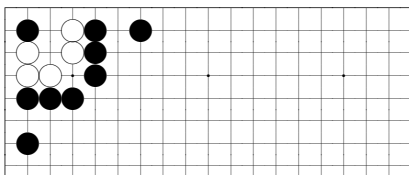
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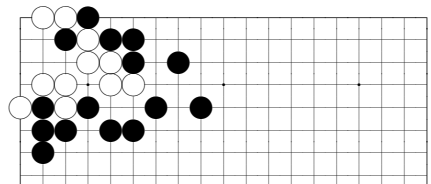
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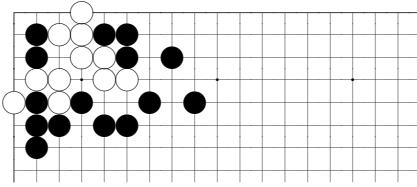
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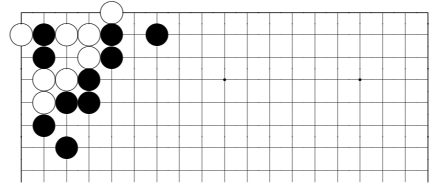
problem 531



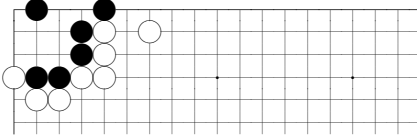
problem 536



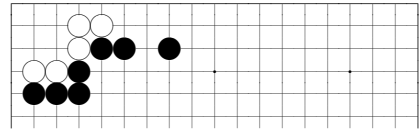
problem 537



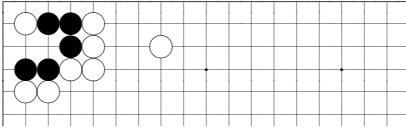
problem 543



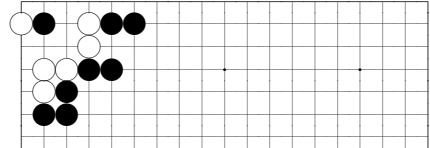
problem 538



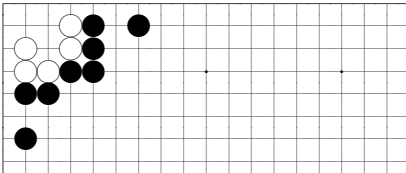
problem 544



problem 539



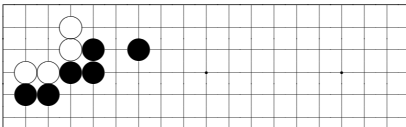
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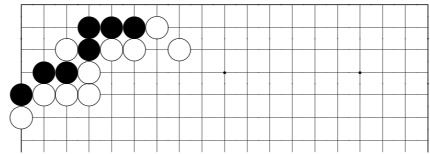
problem 540



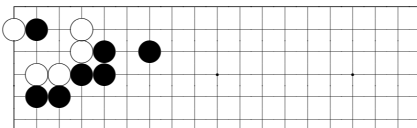
problem 546



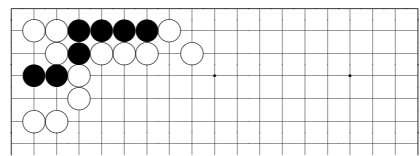
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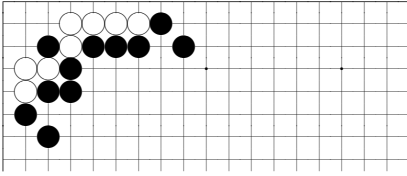
problem 547



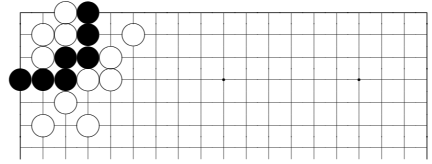
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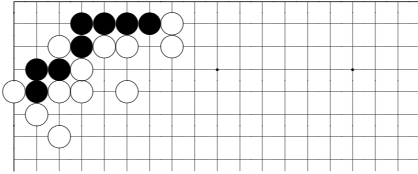
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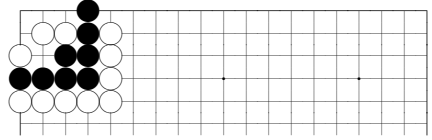
problem 549



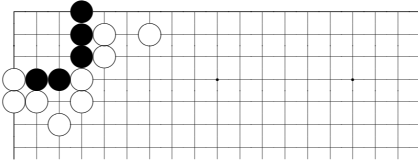
problem 555



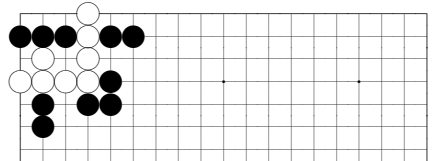
problem 550



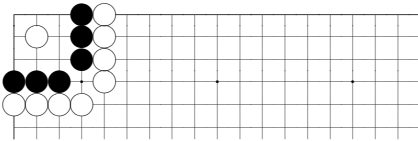
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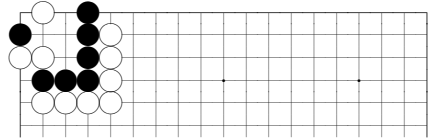
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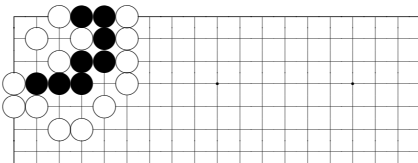
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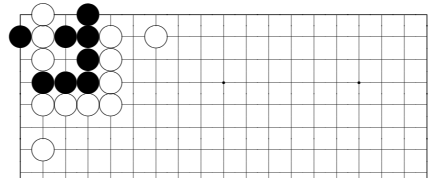
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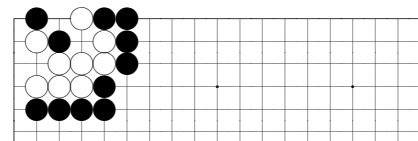
problem 558



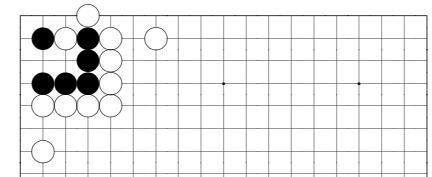
problem 553



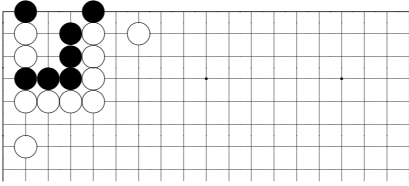
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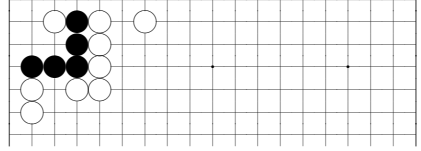
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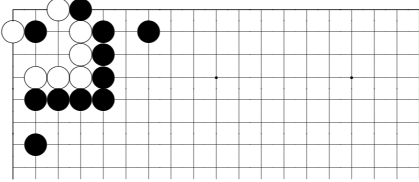
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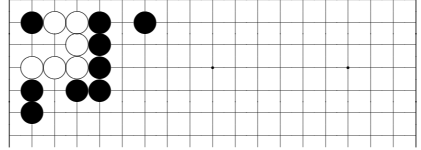
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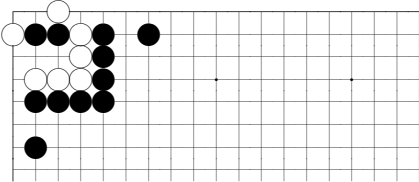
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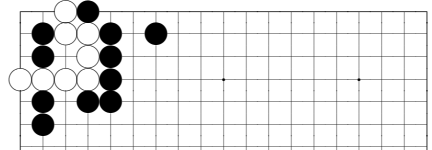
problem 562



problem 567



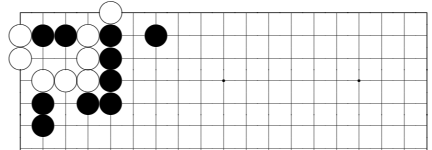
problem 563



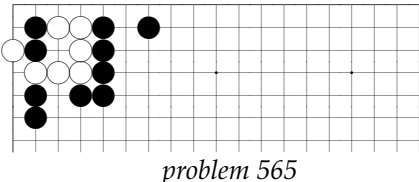
problem 568



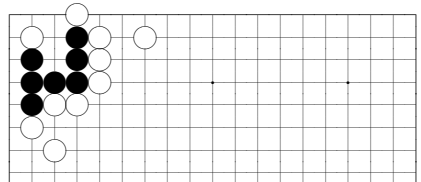
problem 564



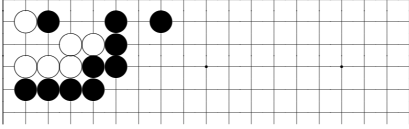
problem 569



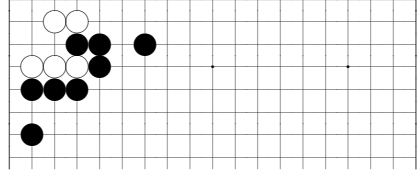
problem 565



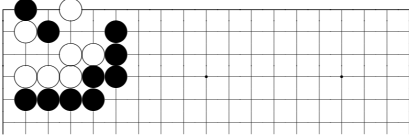
problem 570



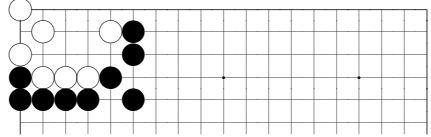
problem 583



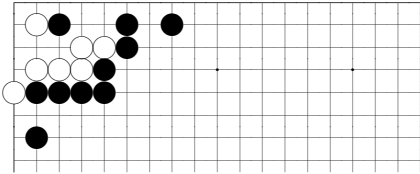
problem 588



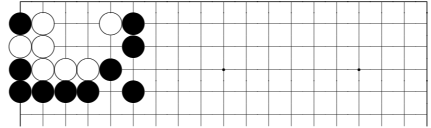
problem 584



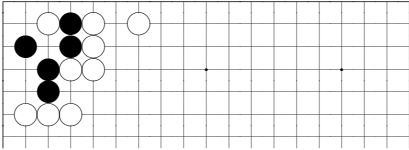
problem 589



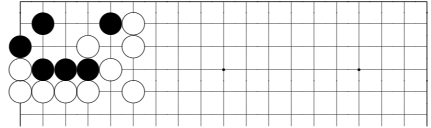
problem 585



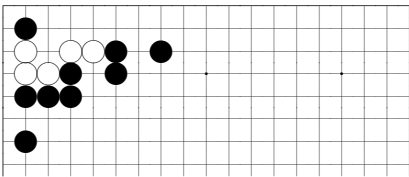
problem 590



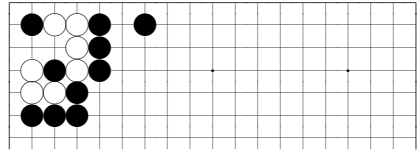
problem 586



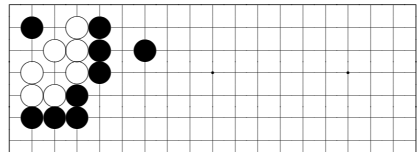
problem 591



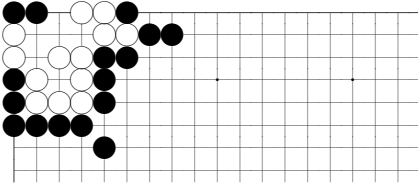
problem 587



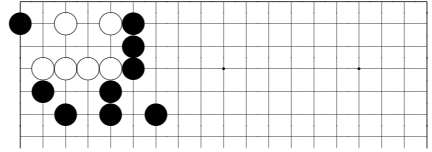
problem 592



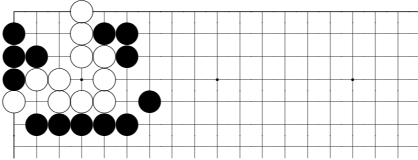
problem 593



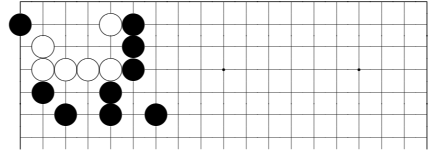
problem 594



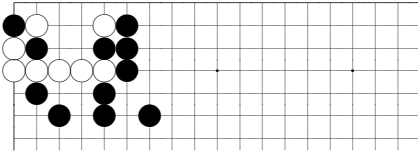
problem 599



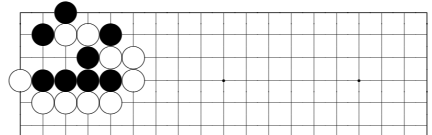
problem 595



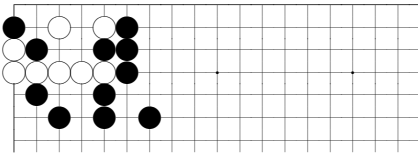
problem 600



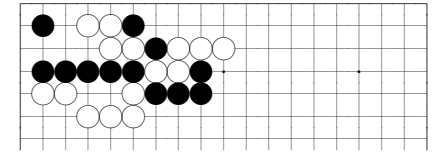
problem 596



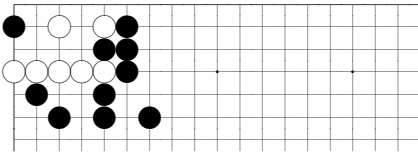
problem 601



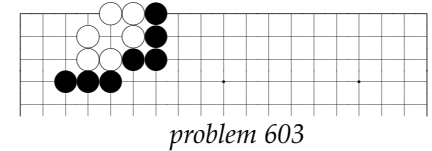
problem 597



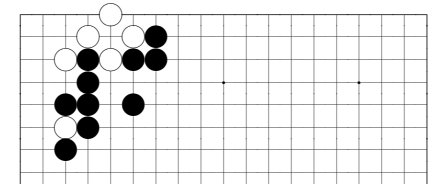
problem 602



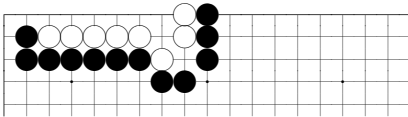
problem 598



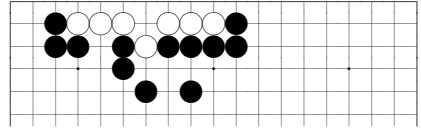
problem 603



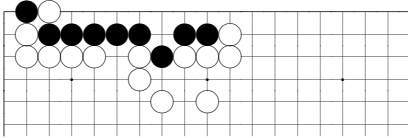
problem 604



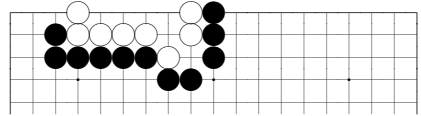
problem 616



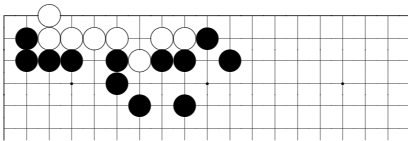
problem 622



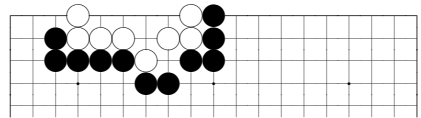
problem 617



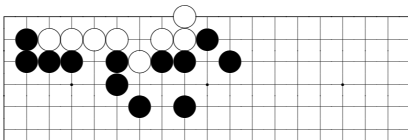
problem 623



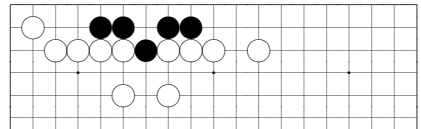
problem 618



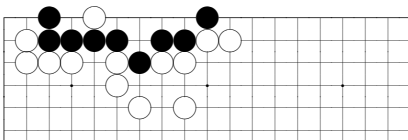
problem 624



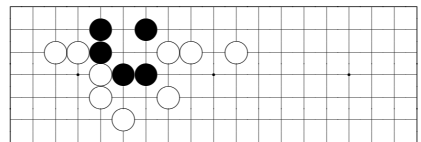
problem 619



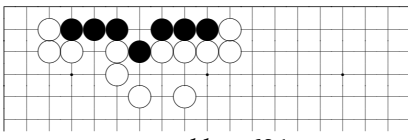
problem 625



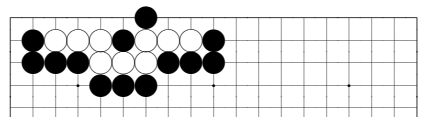
problem 620



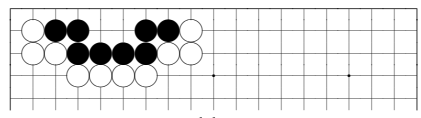
problem 626



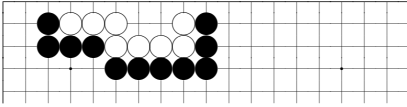
problem 621



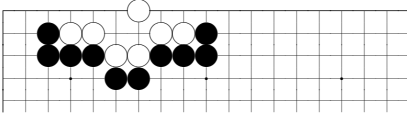
problem 627



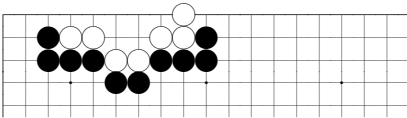
problem 628



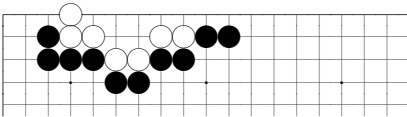
problem 629



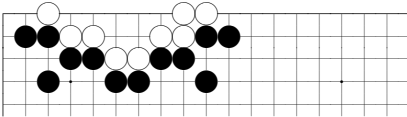
problem 630



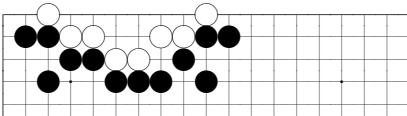
problem 631



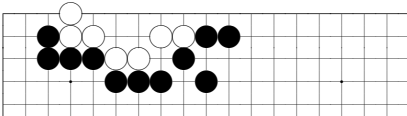
problem 632



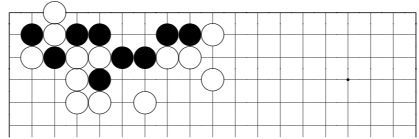
problem 633



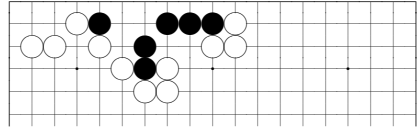
problem 634



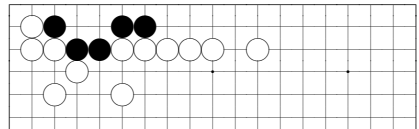
problem 635



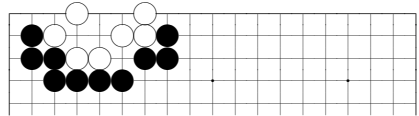
problem 636



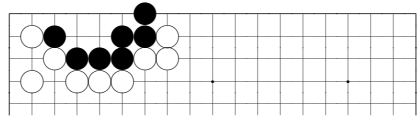
problem 637



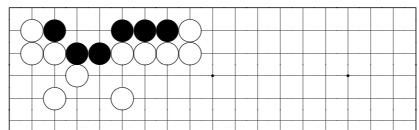
problem 638



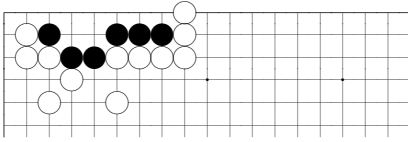
problem 639



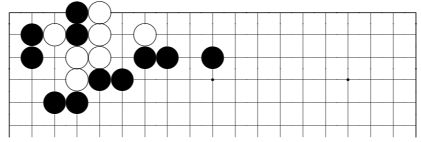
problem 640



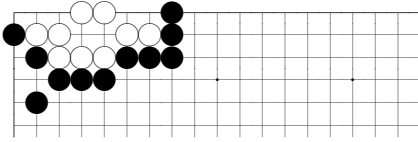
problem 641



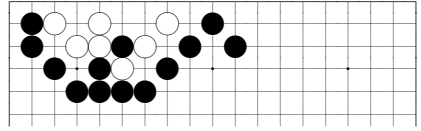
problem 642



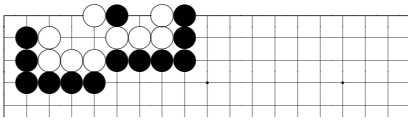
problem 649



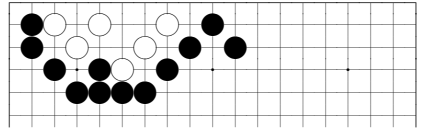
problem 643



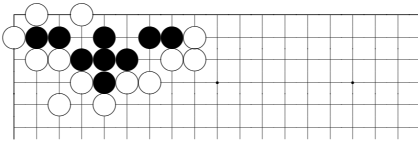
problem 650



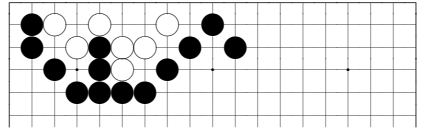
problem 644



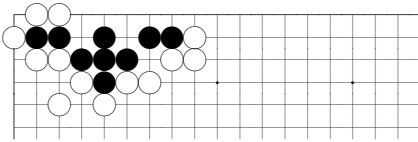
problem 651



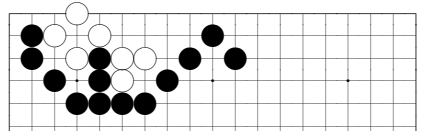
problem 645



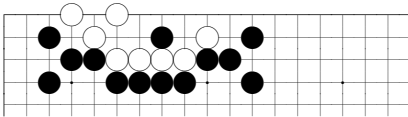
problem 652



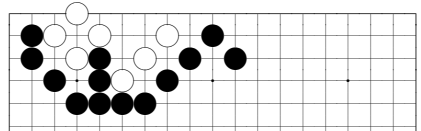
problem 646



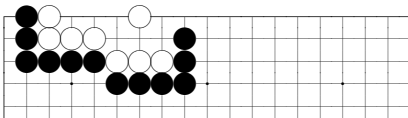
problem 653



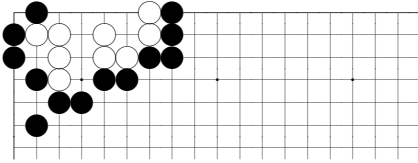
problem 647



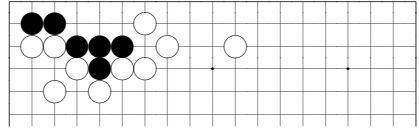
problem 654



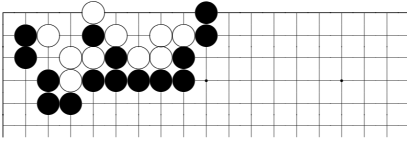
problem 648



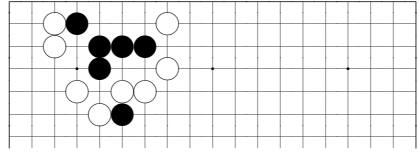
problem 655



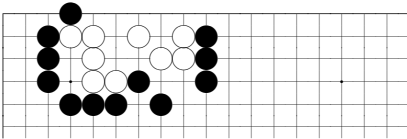
problem 661



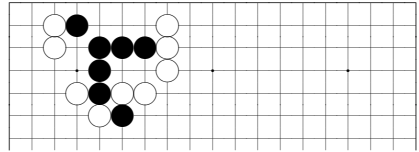
problem 656



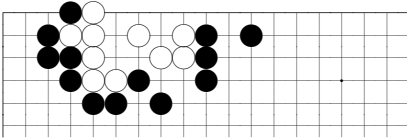
problem 662



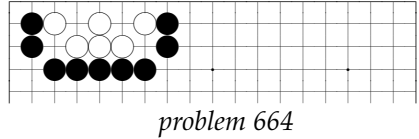
problem 657



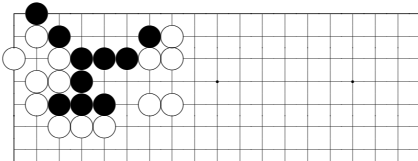
problem 663



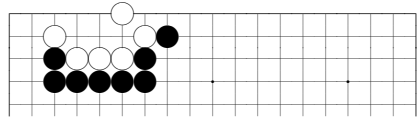
problem 658



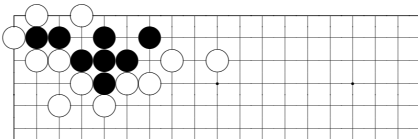
problem 664



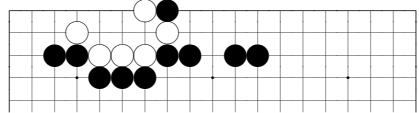
problem 659



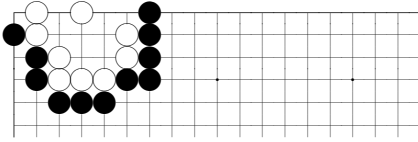
problem 665



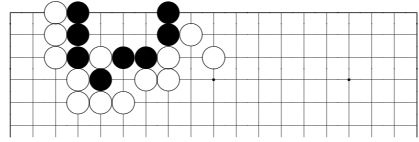
problem 660



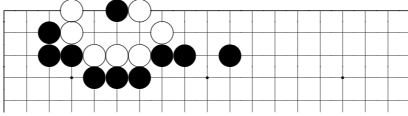
problem 666



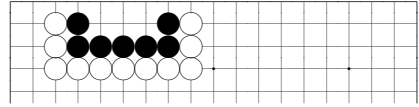
problem 667



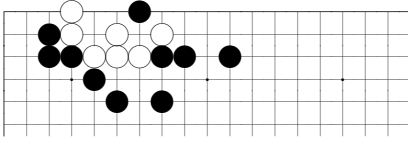
problem 674



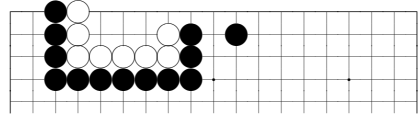
problem 668



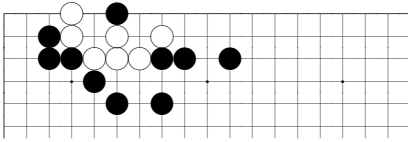
problem 675



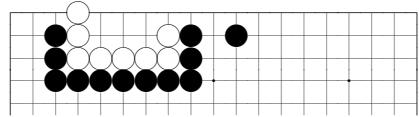
problem 669



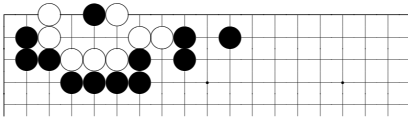
problem 676



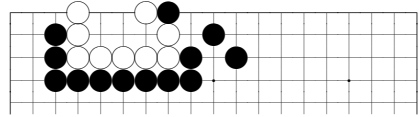
problem 670



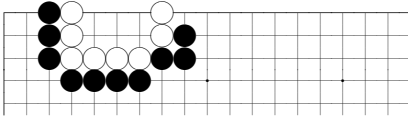
problem 677



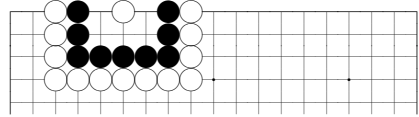
problem 671



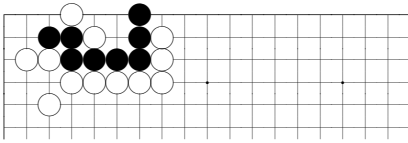
problem 678



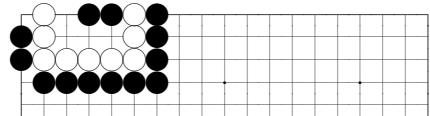
problem 672



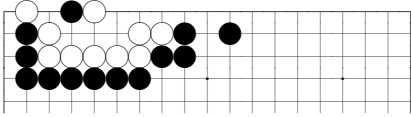
problem 679



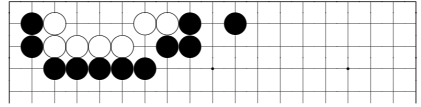
problem 673



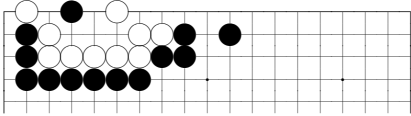
problem 680



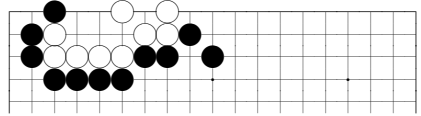
problem 681



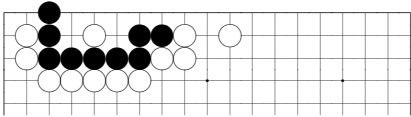
problem 688



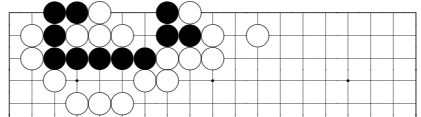
problem 682



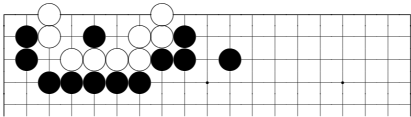
problem 689



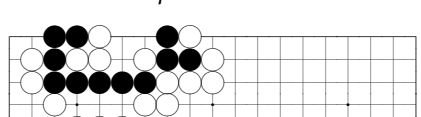
problem 683



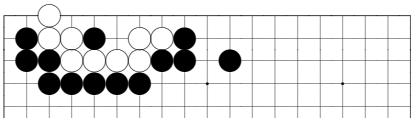
problem 690



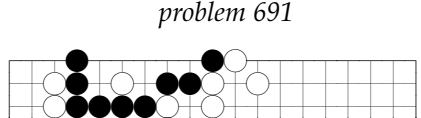
problem 684



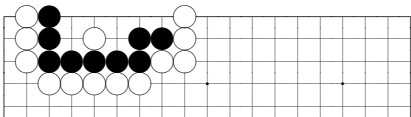
problem 691



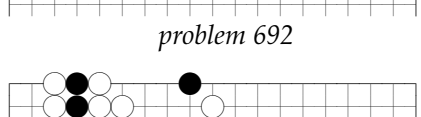
problem 685



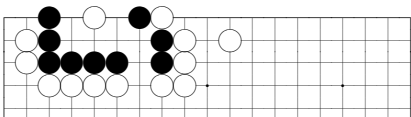
problem 692



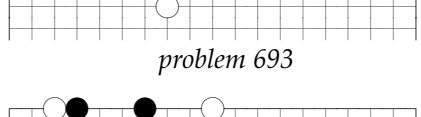
problem 686



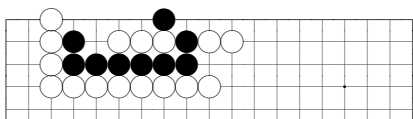
problem 693



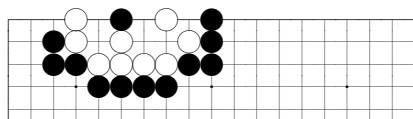
problem 687



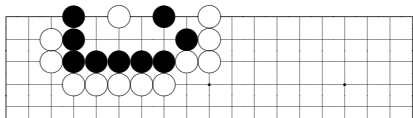
problem 694



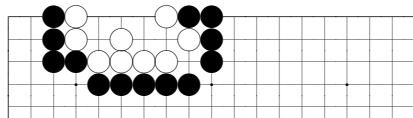
problem 695



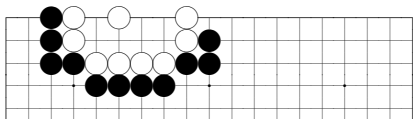
problem 702



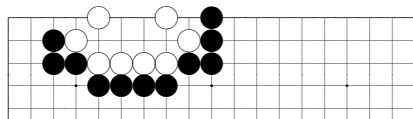
problem 696



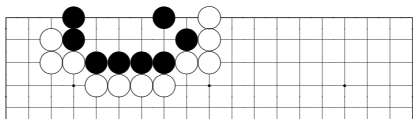
problem 703



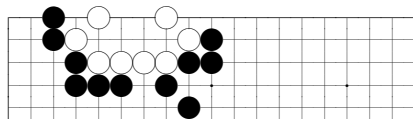
problem 697



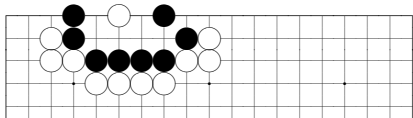
problem 704



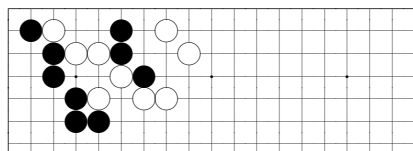
problem 698



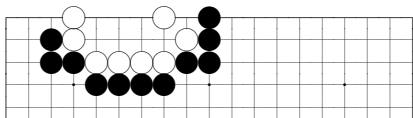
problem 705



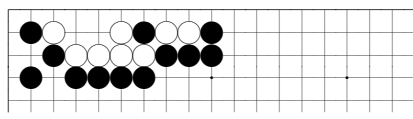
problem 699



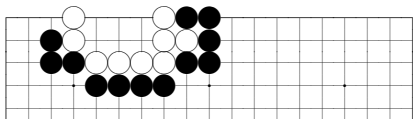
problem 706



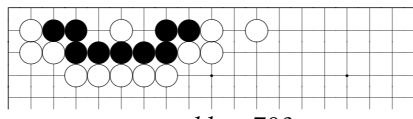
problem 700



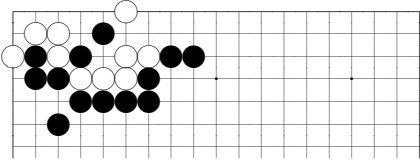
problem 707



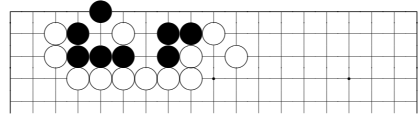
problem 701



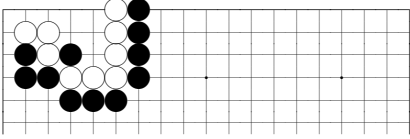
problem 708



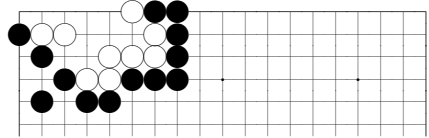
problem 709



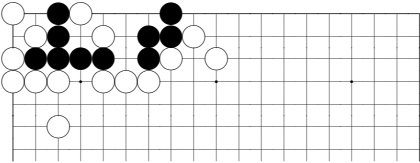
problem 715



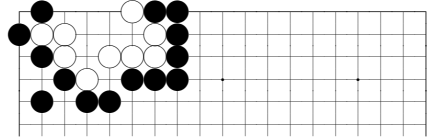
problem 710



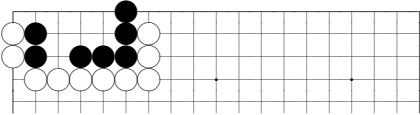
problem 716



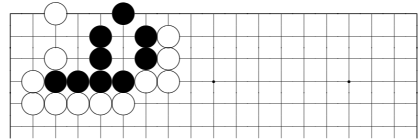
problem 711



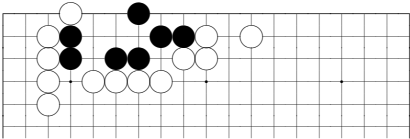
problem 717



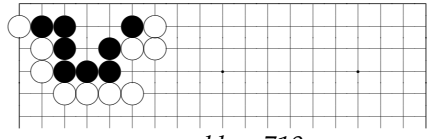
problem 712



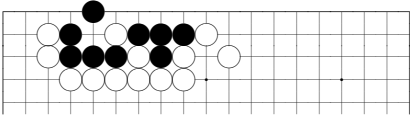
problem 718



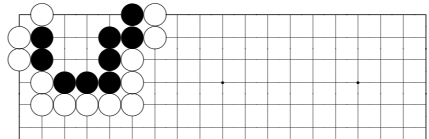
problem 713



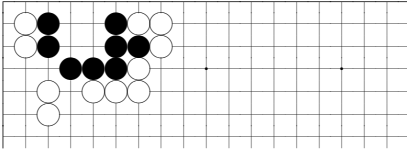
problem 719



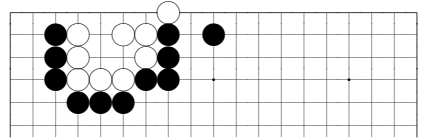
problem 714



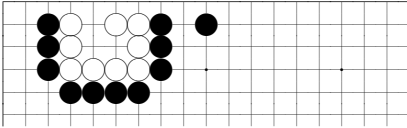
problem 720



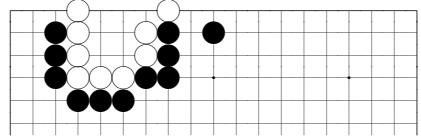
problem 721



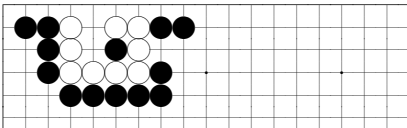
problem 727



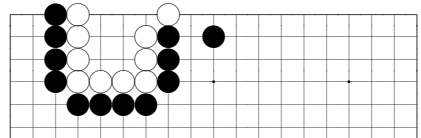
problem 722



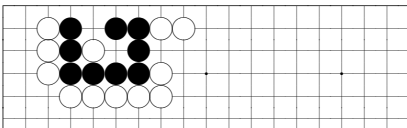
problem 728



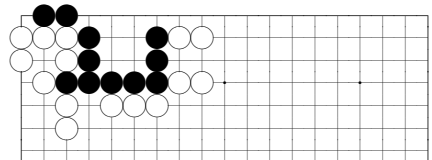
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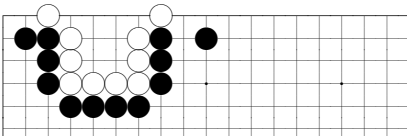
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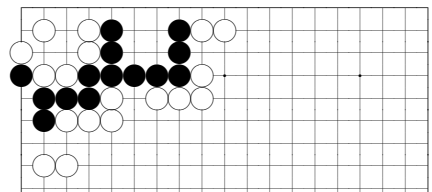
problem 724



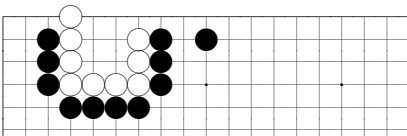
problem 730



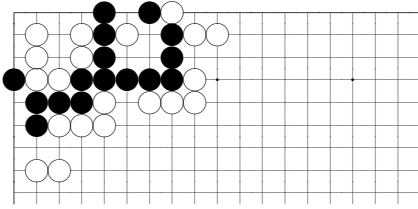
problem 725



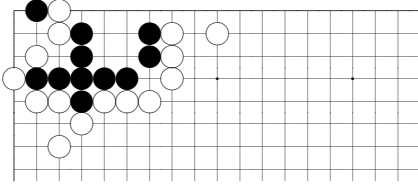
problem 731



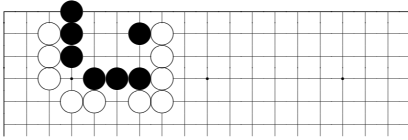
problem 726



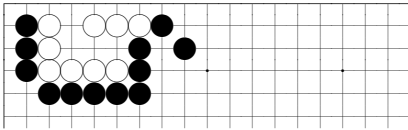
problem 732



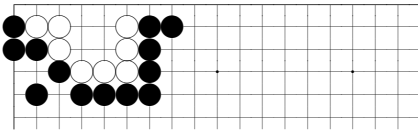
problem 733



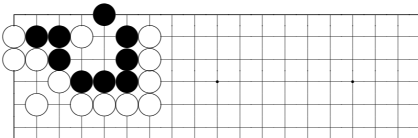
problem 734



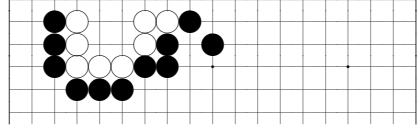
problem 735



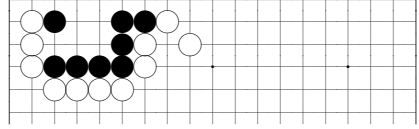
problem 736



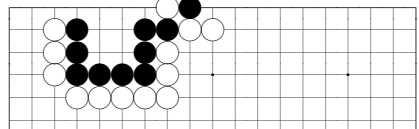
problem 737



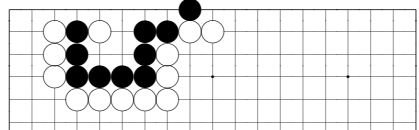
problem 738



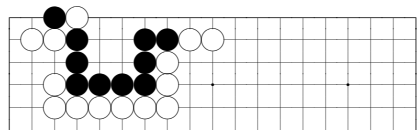
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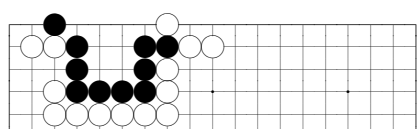
problem 740



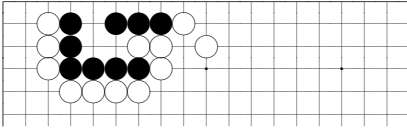
problem 741



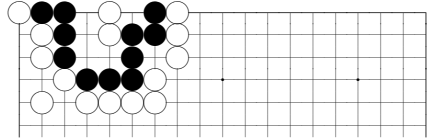
problem 742



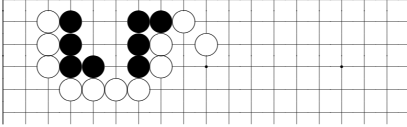
problem 743



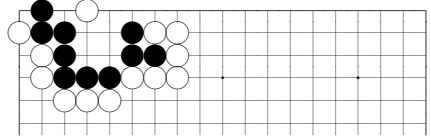
problem 744



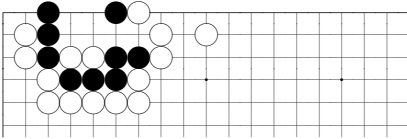
problem 750



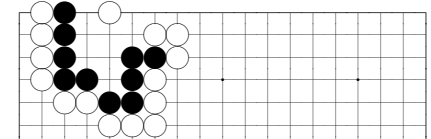
problem 745



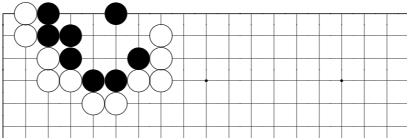
problem 751



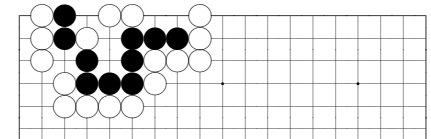
problem 746



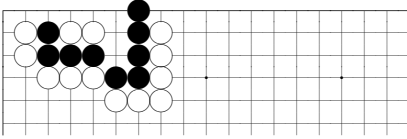
problem 752



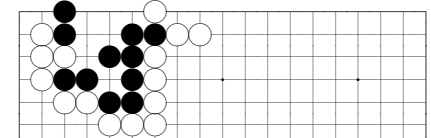
problem 747



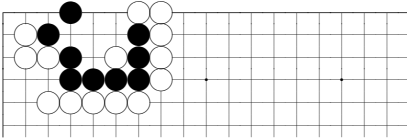
problem 753



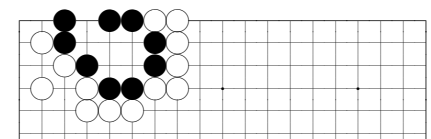
problem 748



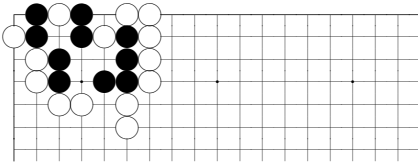
problem 754



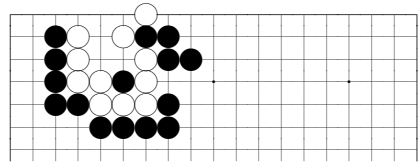
problem 749



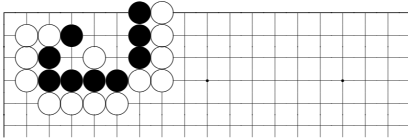
problem 755



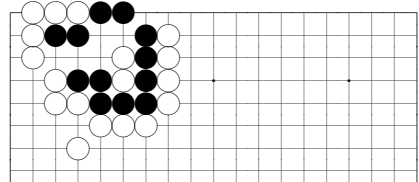
problem 756



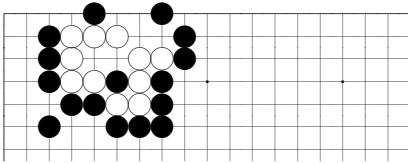
problem 762



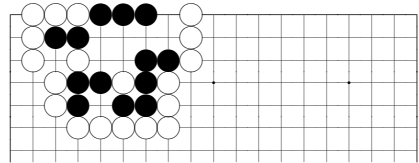
problem 757



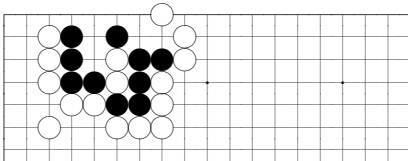
problem 763



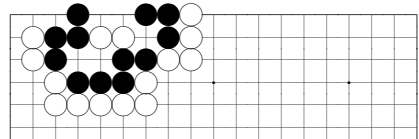
problem 758



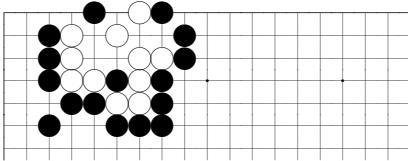
problem 764



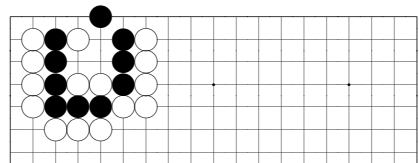
problem 759



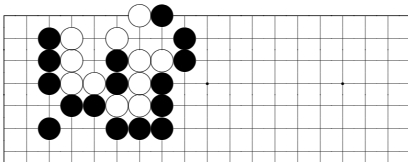
problem 765



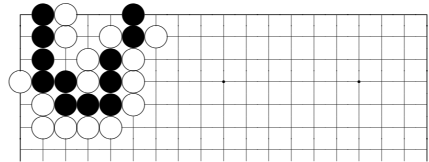
problem 760



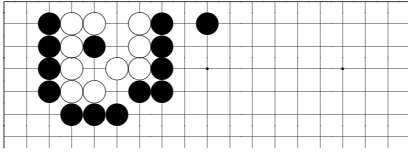
problem 766



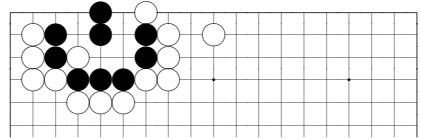
problem 761



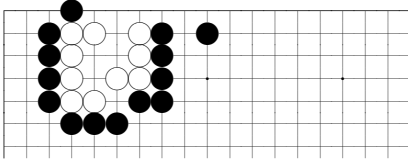
problem 767



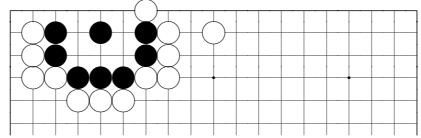
problem 768



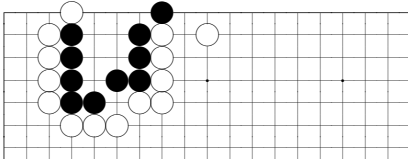
problem 774



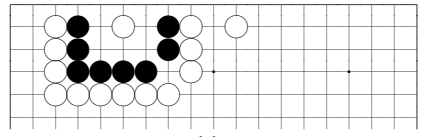
problem 769



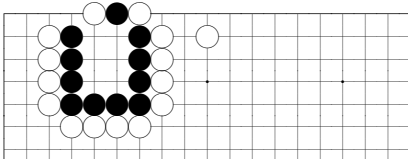
problem 775



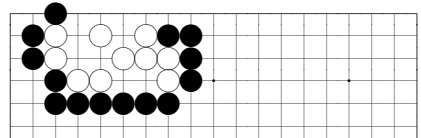
problem 770



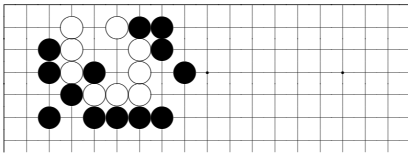
problem 776



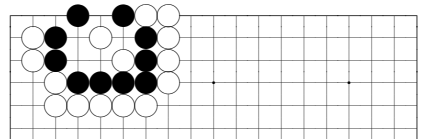
problem 771



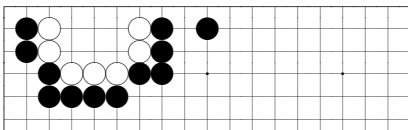
problem 777

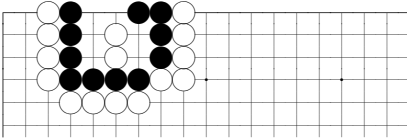


problem 772

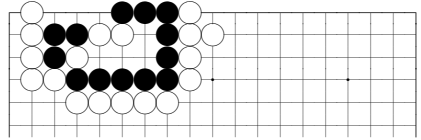


problem 778

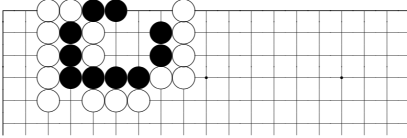




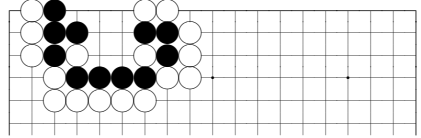
problem 780



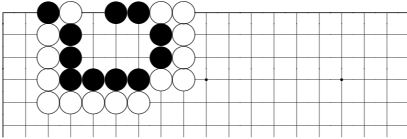
problem 786



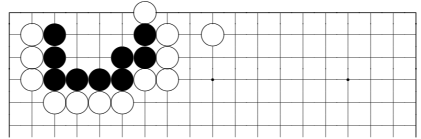
problem 781



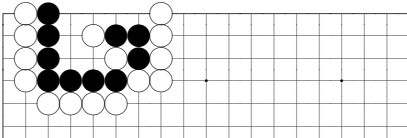
problem 787



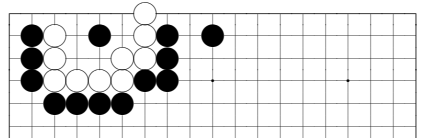
problem 782



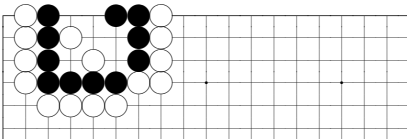
problem 788



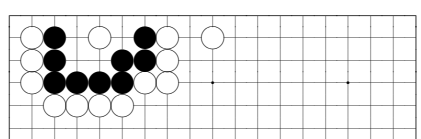
problem 783



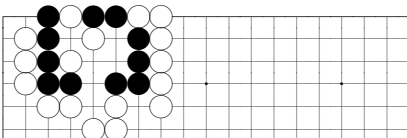
problem 789



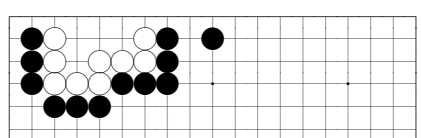
problem 784



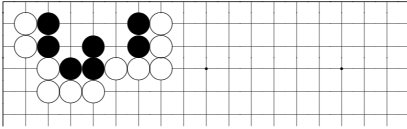
problem 790



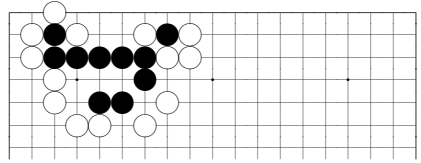
problem 785



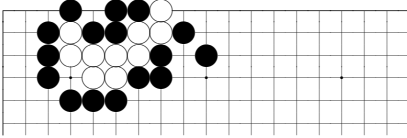
problem 791



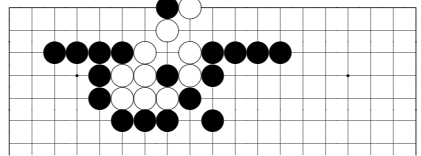
problem 792



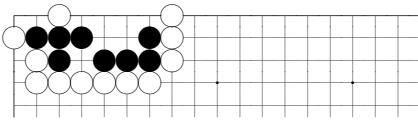
problem 798



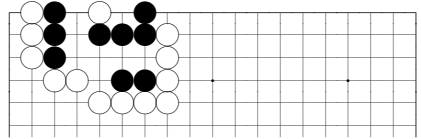
problem 793



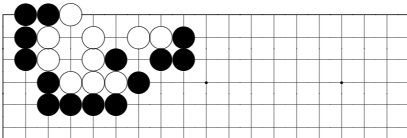
problem 799



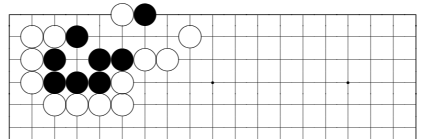
problem 794



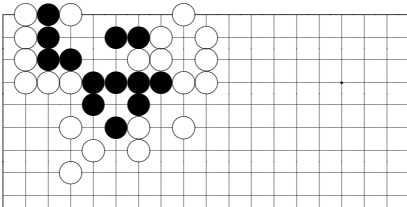
problem 800



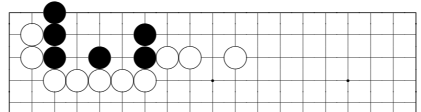
problem 795



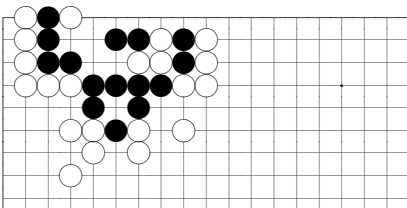
problem 801



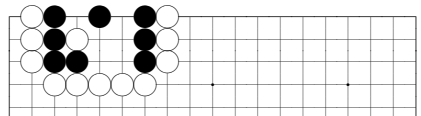
problem 796



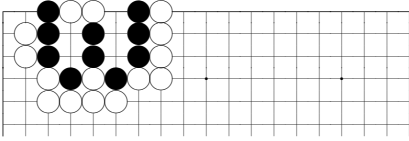
problem 802



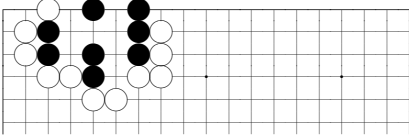
problem 797



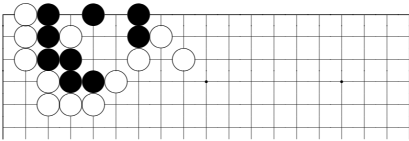
problem 803



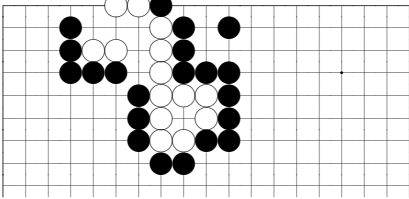
problem 804



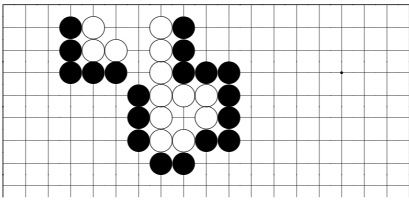
problem 805



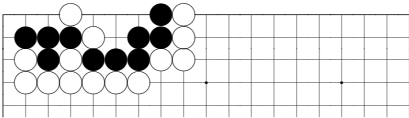
problem 806



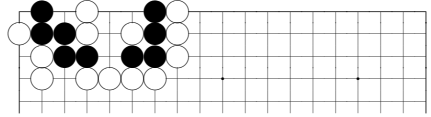
problem 807



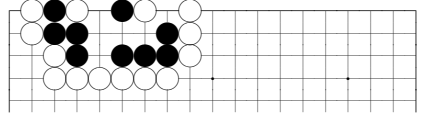
problem 808



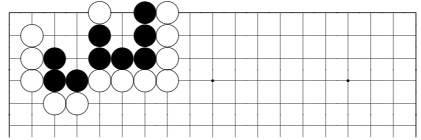
problem 809



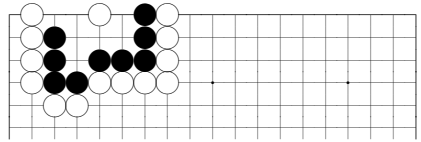
problem 810



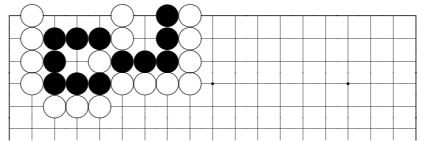
problem 811



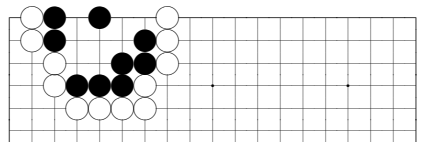
problem 812



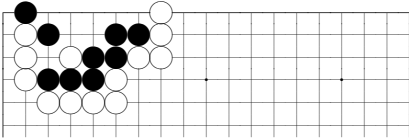
problem 813



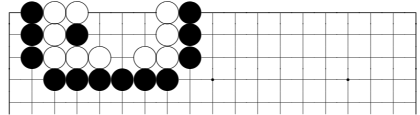
problem 814



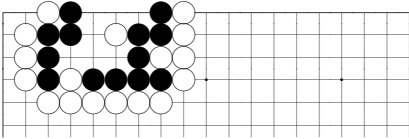
problem 815



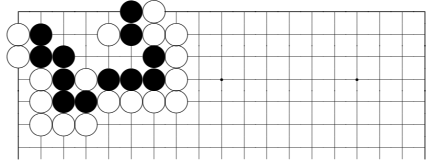
problem 816



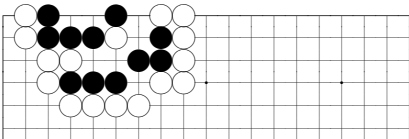
problem 822



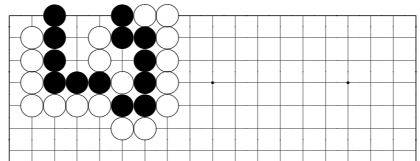
problem 817



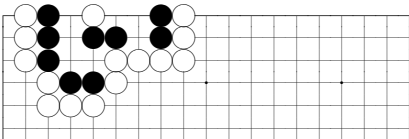
problem 823



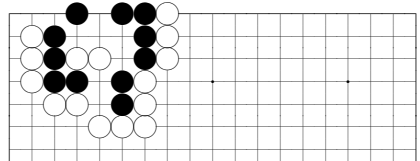
problem 818



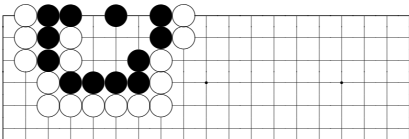
problem 824



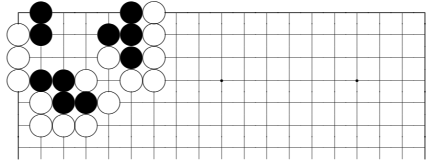
problem 819



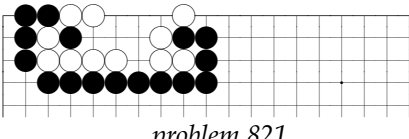
problem 825



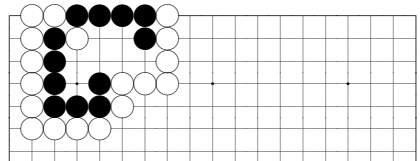
problem 820



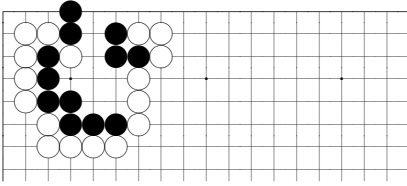
problem 826



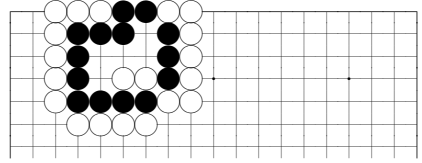
problem 821



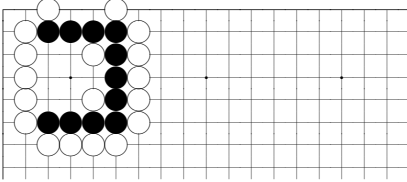
problem 827



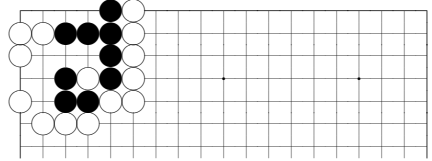
problem 828



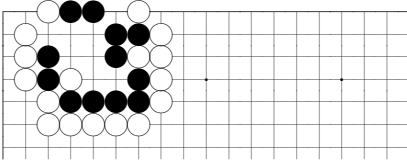
problem 833



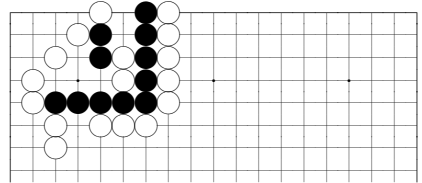
problem 829



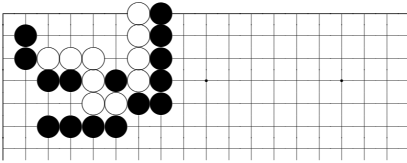
problem 834



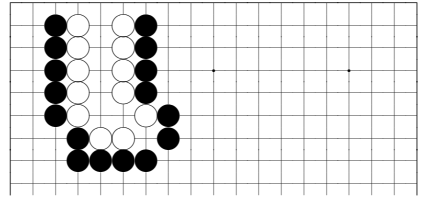
problem 830



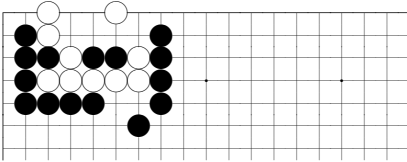
problem 835



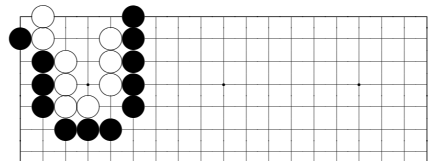
problem 831



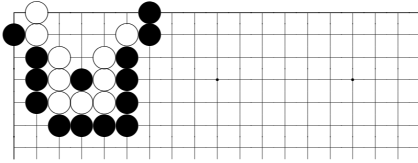
problem 836



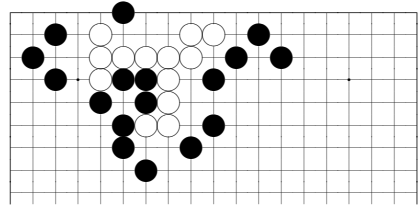
problem 832



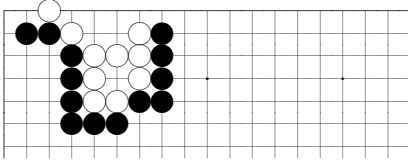
problem 837



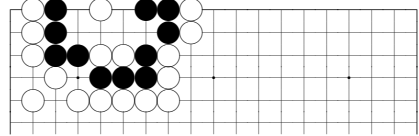
problem 838



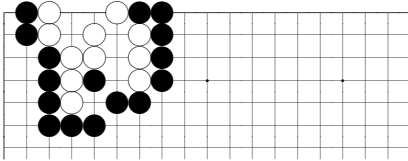
problem 843



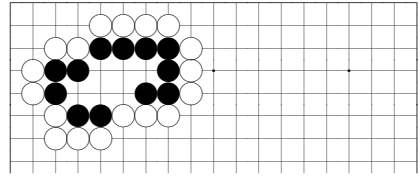
problem 839



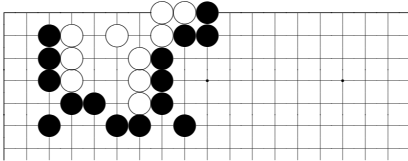
problem 844



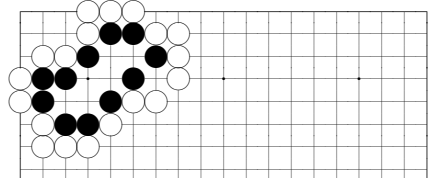
problem 840



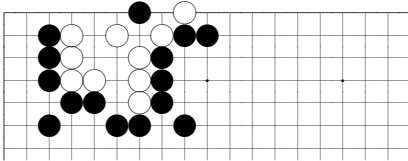
problem 845



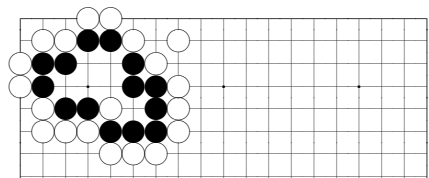
problem 841



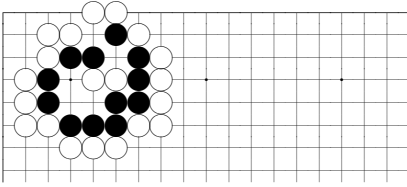
problem 846



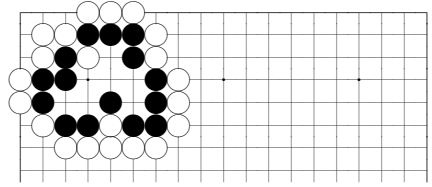
problem 842



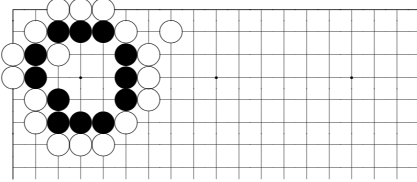
problem 847



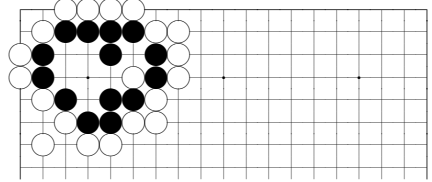
problem 848



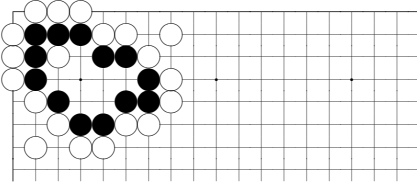
problem 853



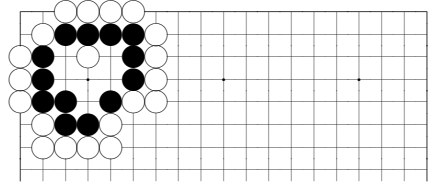
problem 849



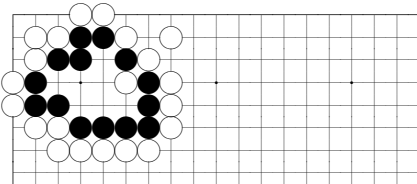
problem 854



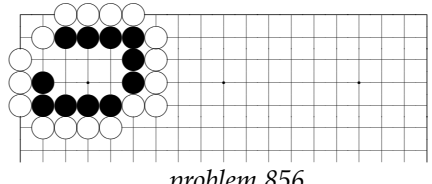
problem 850



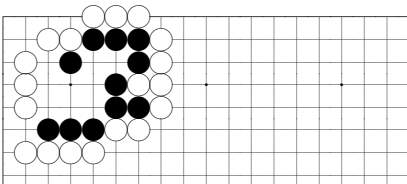
problem 855



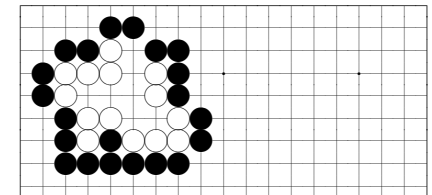
problem 851



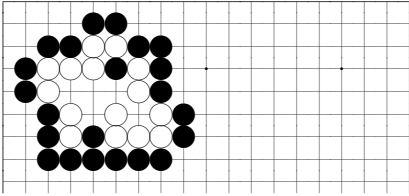
problem 856



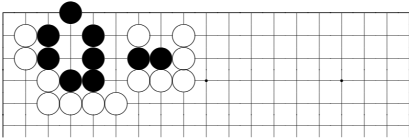
problem 852



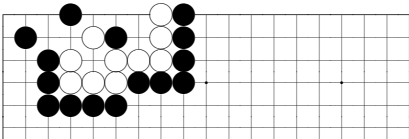
problem 857



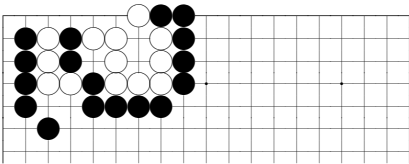
problem 858



problem 859



problem 860



problem 861