

*Cho Chikun's
Encyclopedia of
Life & Death*

Part 3 — Advanced

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 third part, you can find about eight hundred problems aimed at advanced players. A dan player should find the solution in a few minutes and will need about 100 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

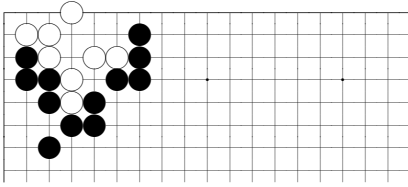
November 2004

Anniversary edition

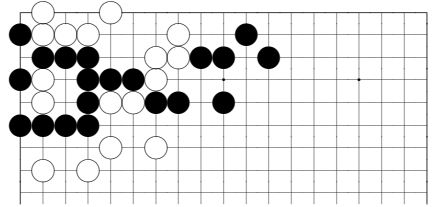
It's been 13 and a half years. This booklet has been downloaded over twenty thousand times. I never imagined the reach it would have. The anniversary edition comes with a better layout and wording. And — glad you asked — some of the problems are still unsolvable!

Vit 'tasuki' Brunner

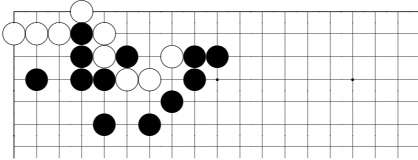
June 2018



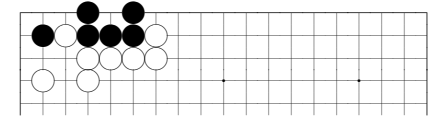
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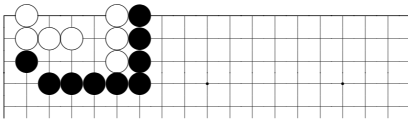
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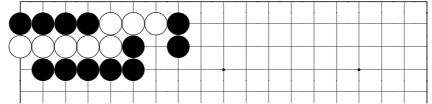
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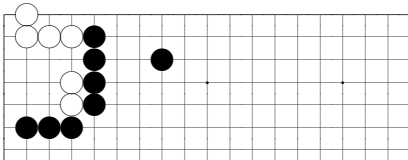
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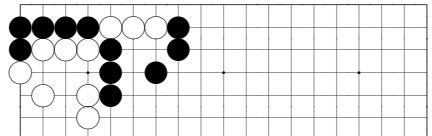
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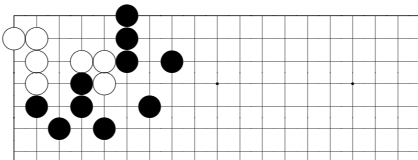
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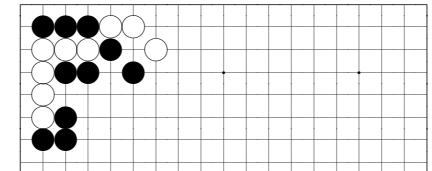
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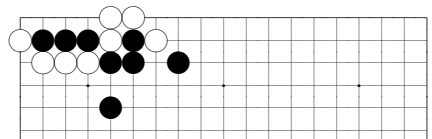
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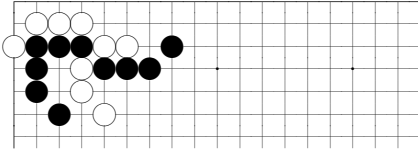
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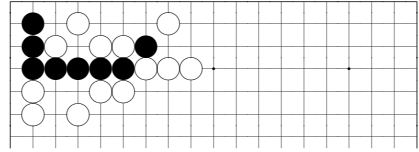
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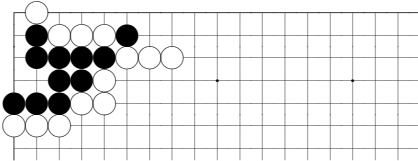
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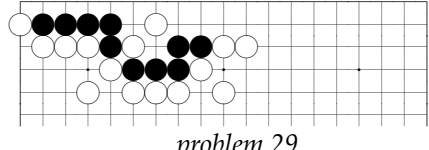
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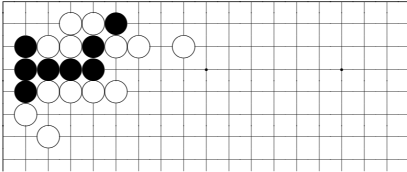
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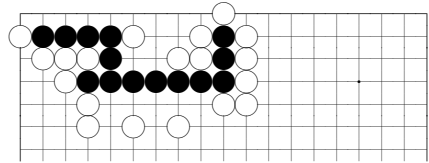
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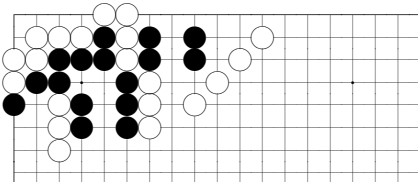
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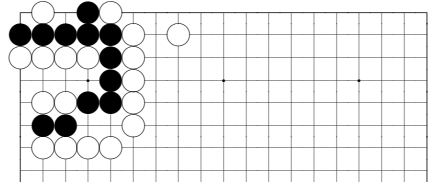
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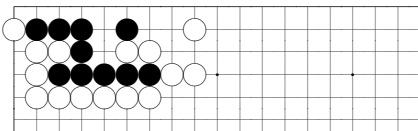
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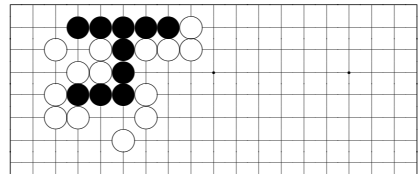
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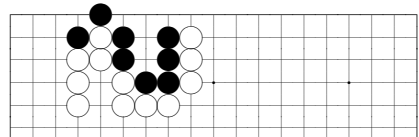
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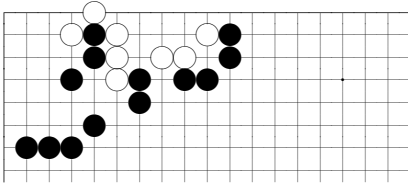
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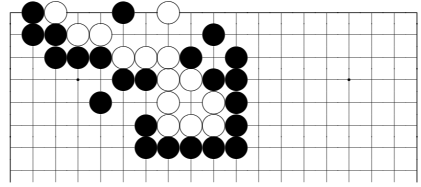
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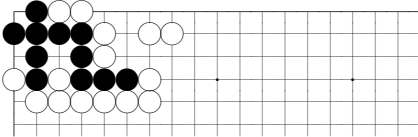
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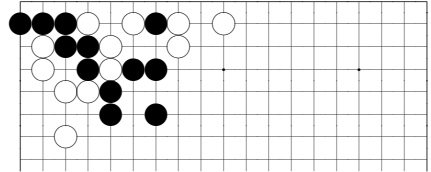
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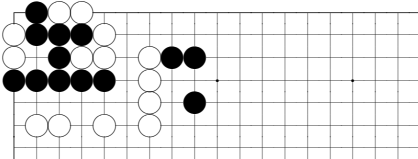
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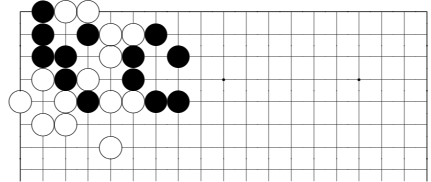
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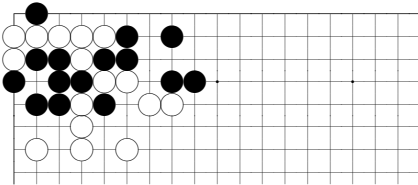
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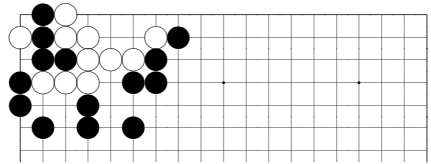
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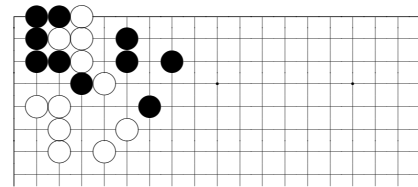
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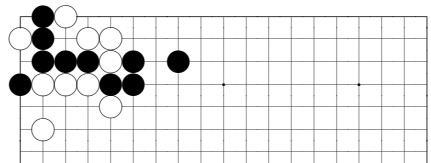
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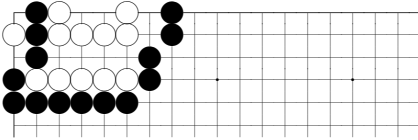
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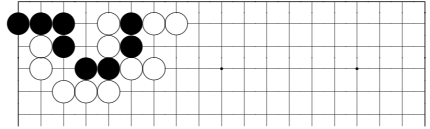
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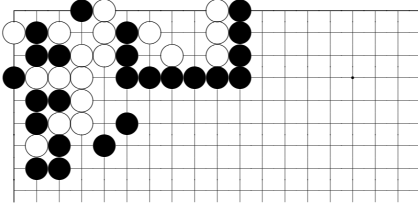
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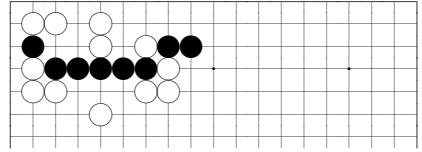
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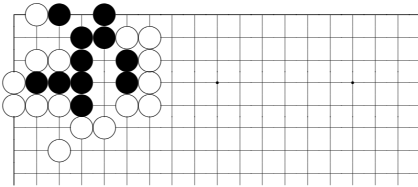
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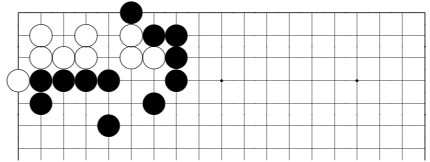
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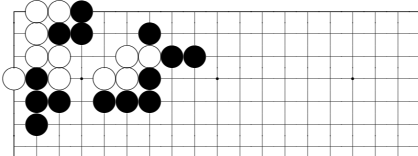
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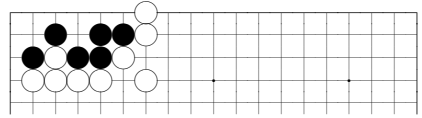
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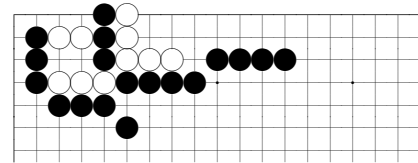
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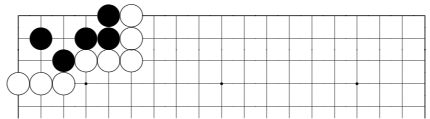
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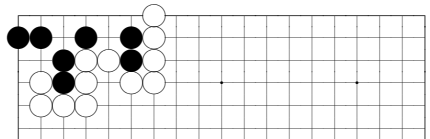
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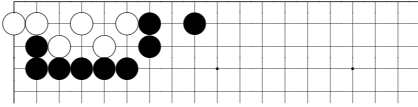
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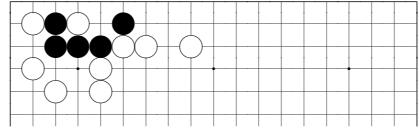
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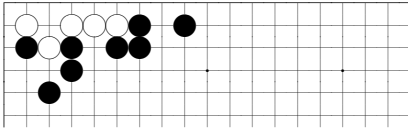
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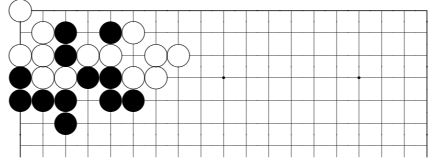
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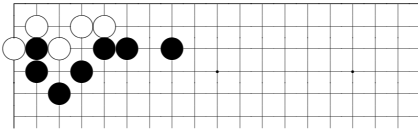
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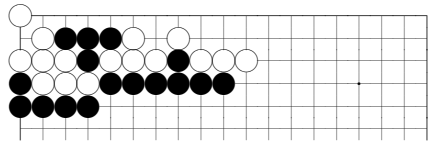
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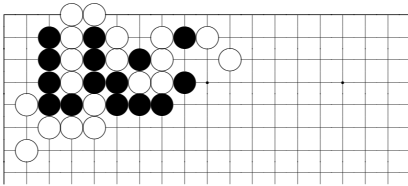
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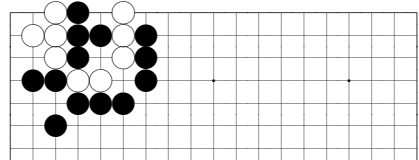
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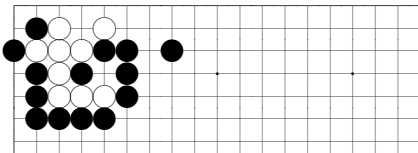
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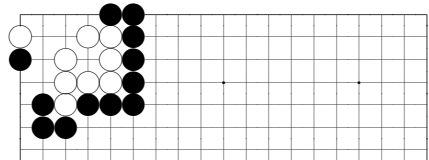
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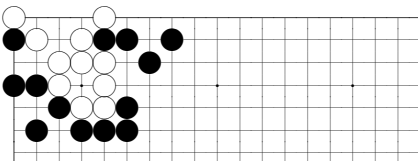
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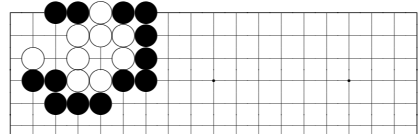
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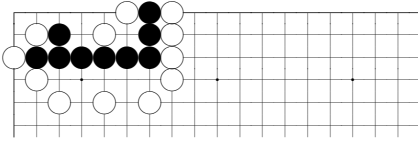
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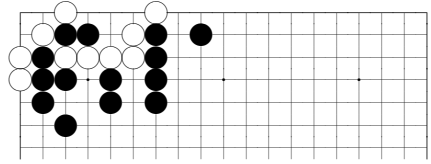
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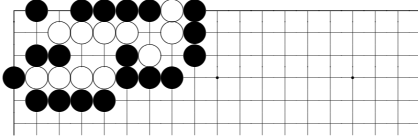
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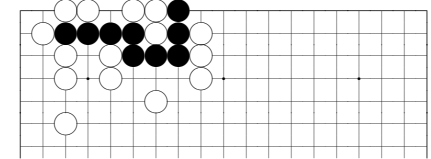
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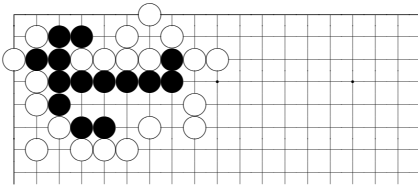
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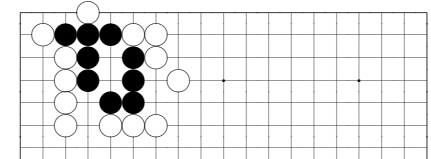
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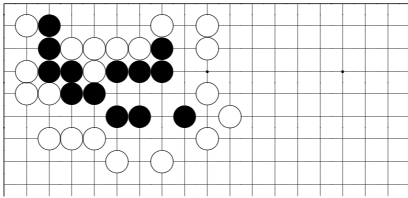
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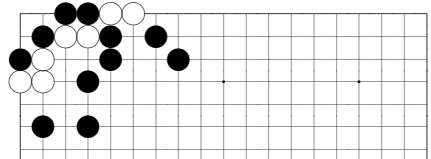
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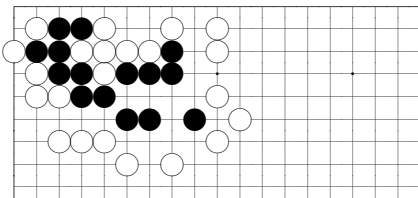
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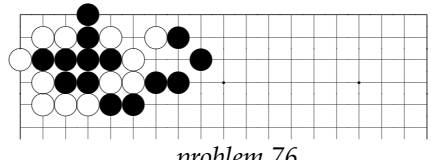
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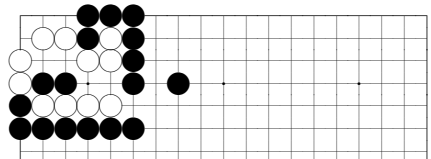
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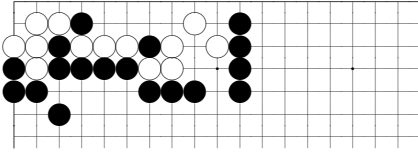
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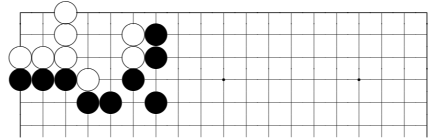
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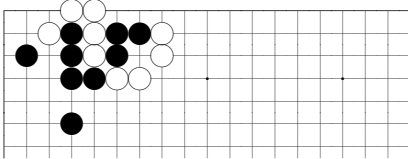
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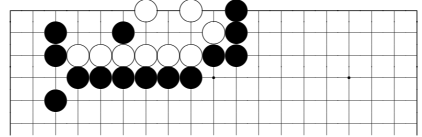
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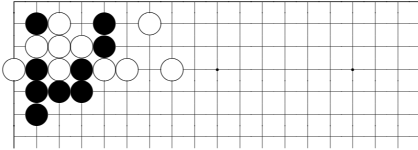
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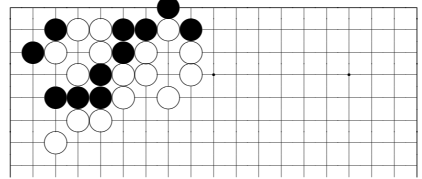
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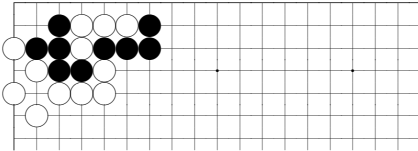
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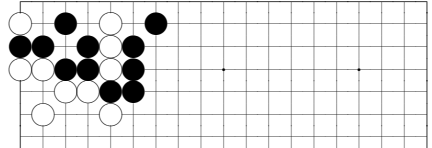
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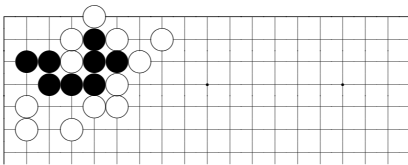
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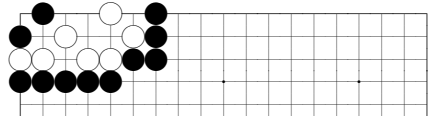
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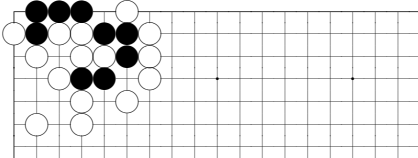
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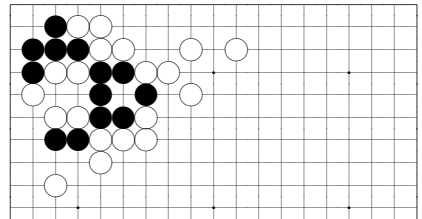
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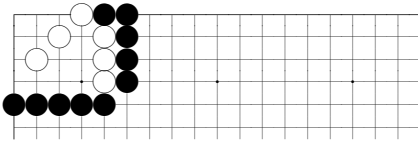
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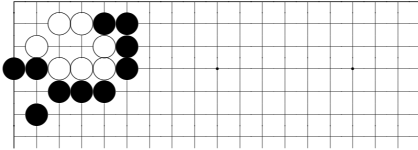
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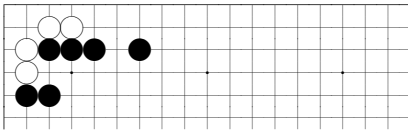
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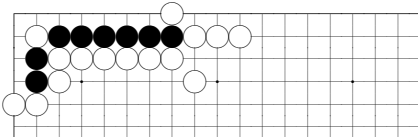
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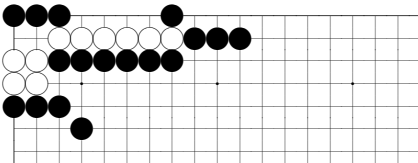
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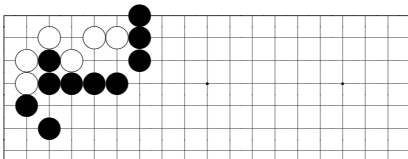
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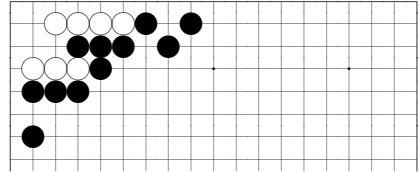
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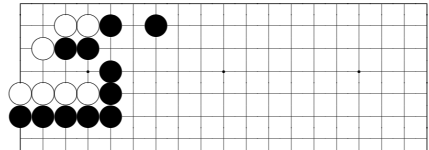
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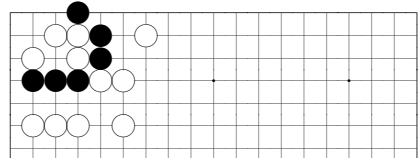
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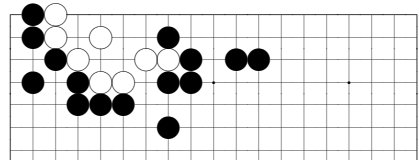
problem 96



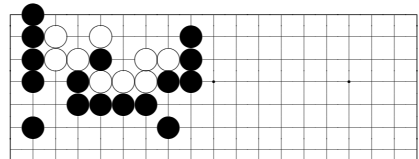
problem 97



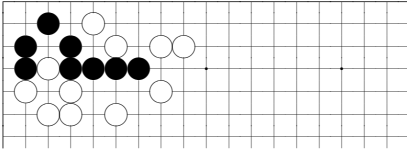
problem 98



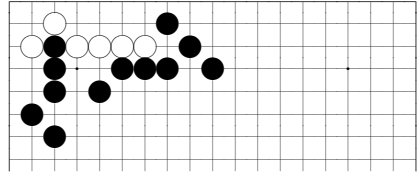
problem 99



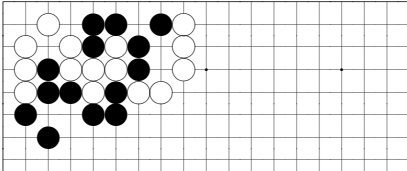
problem 100



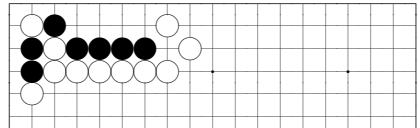
problem 101



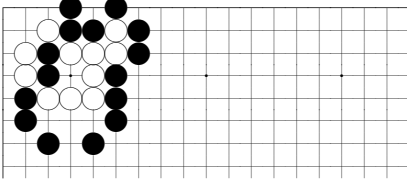
problem 106



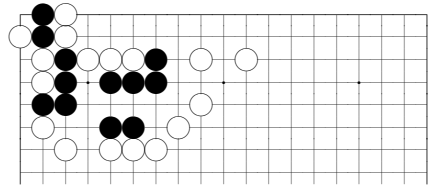
problem 102



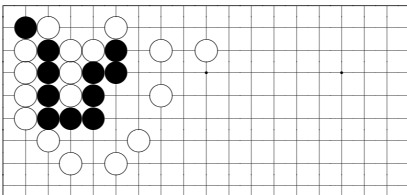
problem 107



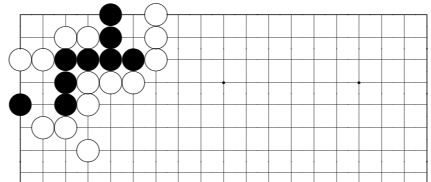
problem 103



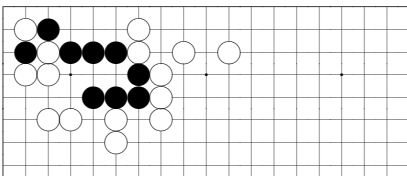
problem 108



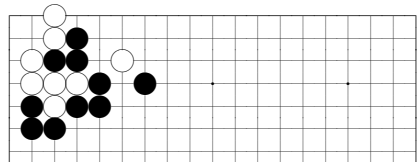
problem 104



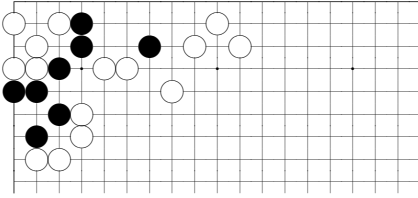
problem 109



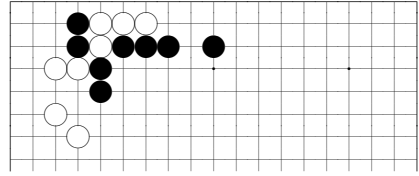
problem 105



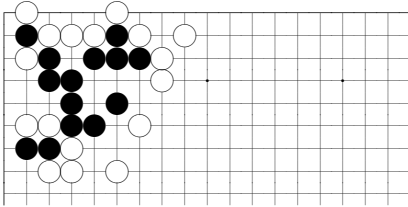
problem 110



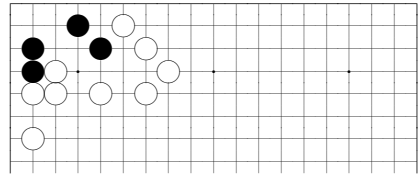
problem 111



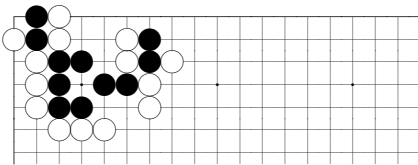
problem 116



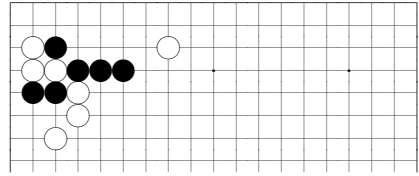
problem 112



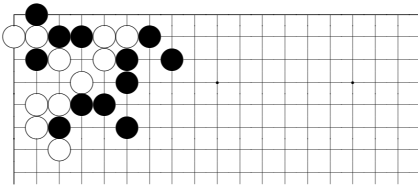
problem 117



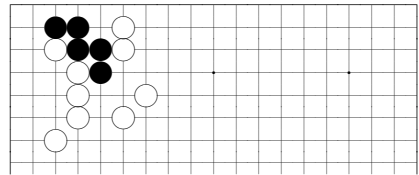
problem 113



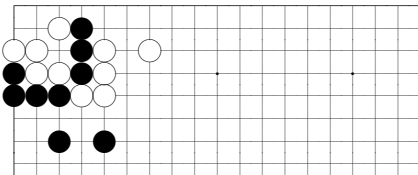
problem 118



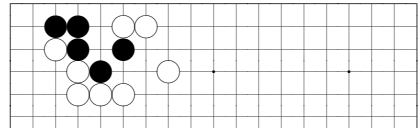
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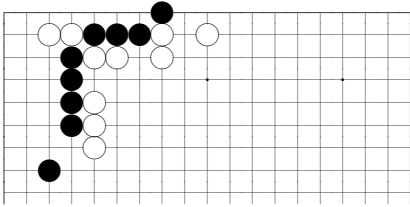
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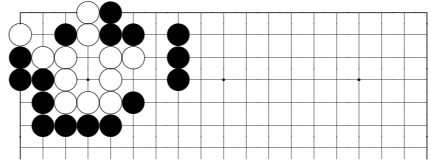
problem 115



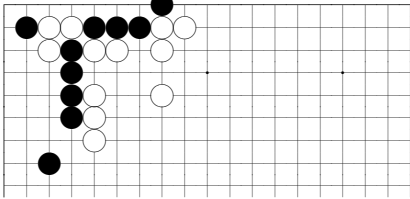
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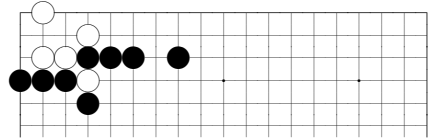
problem 121



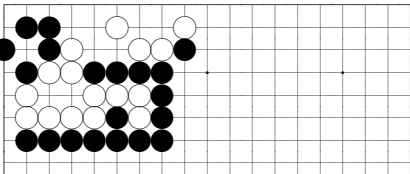
problem 126



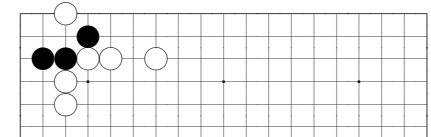
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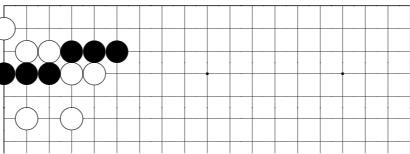
problem 127



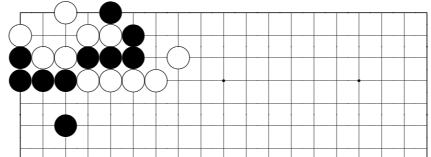
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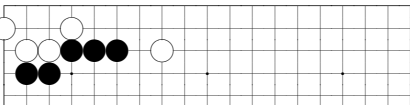
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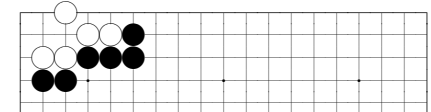
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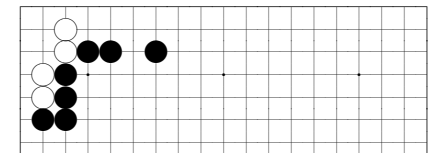
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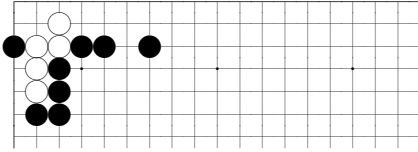
problem 125



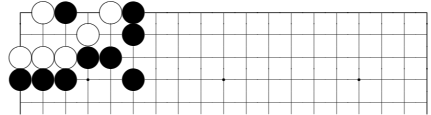
problem 130



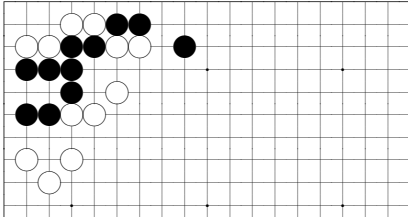
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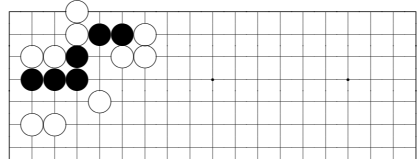
problem 132



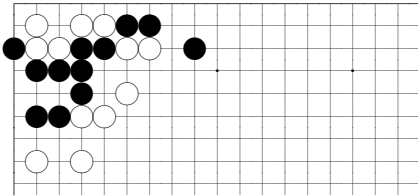
problem 137



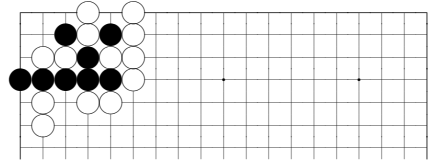
problem 133



problem 138



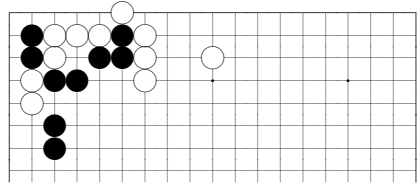
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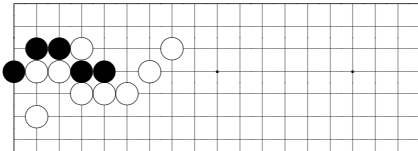
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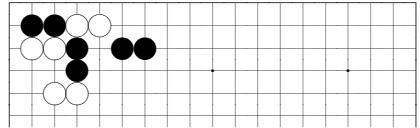
problem 135



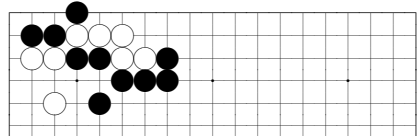
problem 140



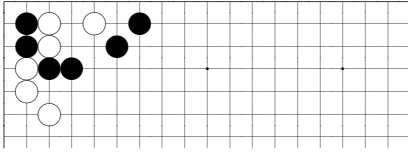
problem 136



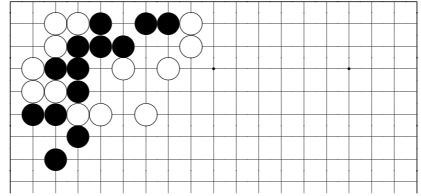
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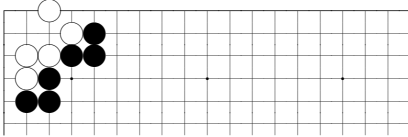
problem 142



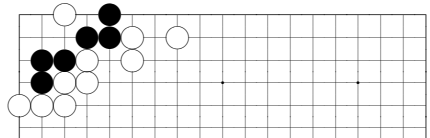
problem 143



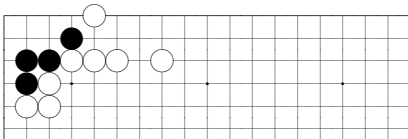
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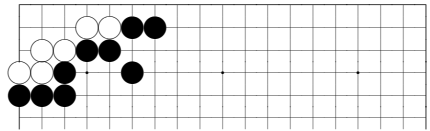
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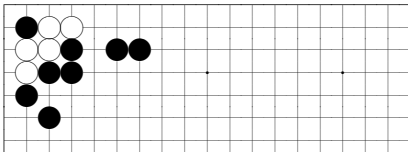
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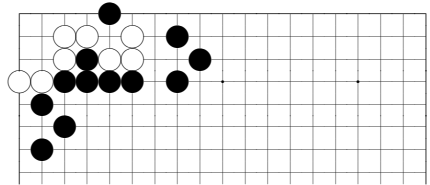
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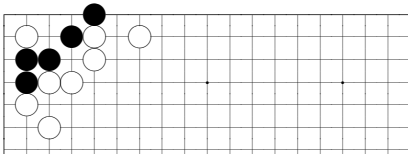
problem 151



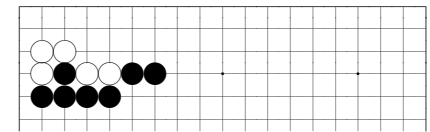
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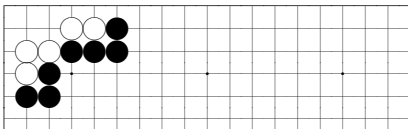
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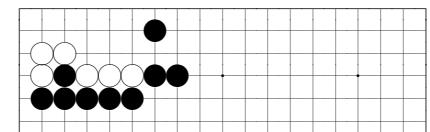
problem 147



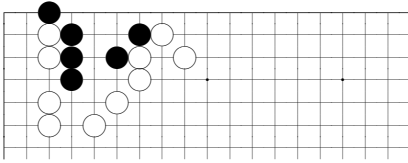
problem 153



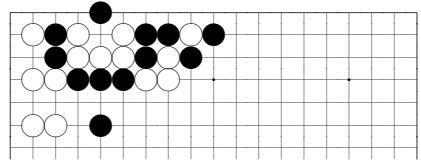
problem 148



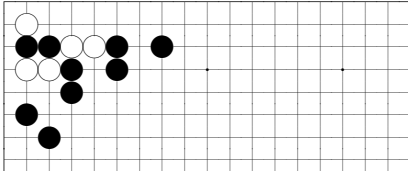
problem 154



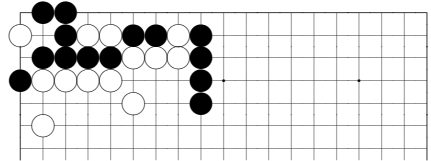
problem 155



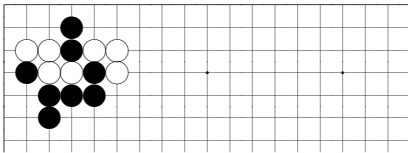
problem 160



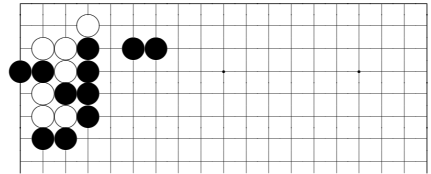
problem 156



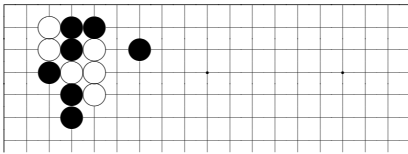
problem 161



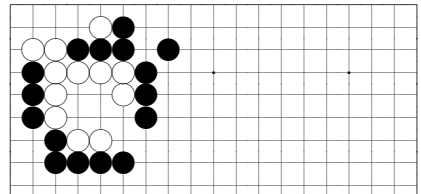
problem 157



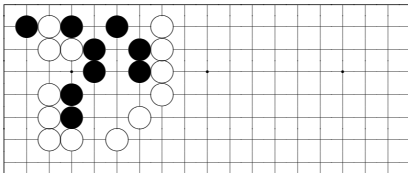
problem 162



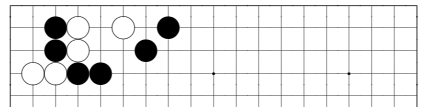
problem 158



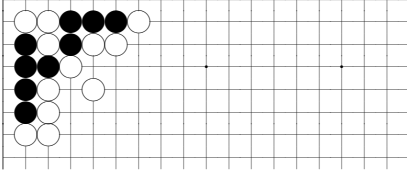
problem 163



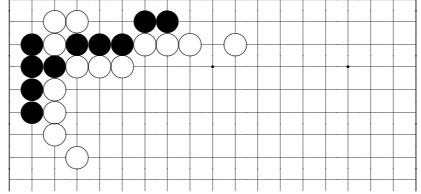
problem 159



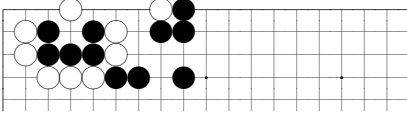
problem 164



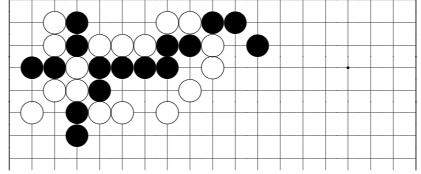
problem 165



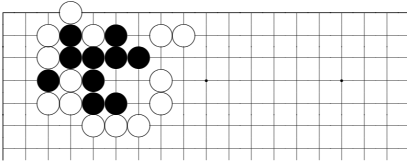
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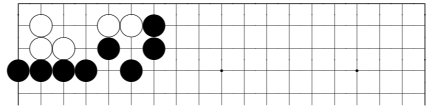
problem 166



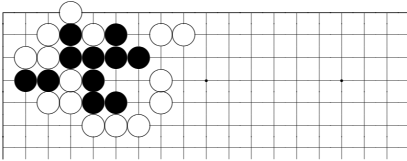
problem 172



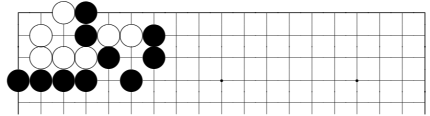
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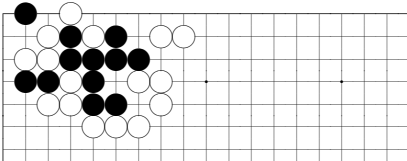
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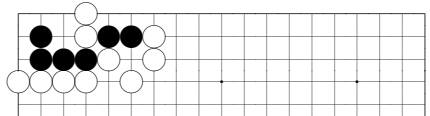
problem 168



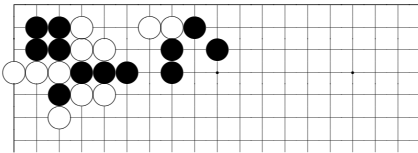
problem 174



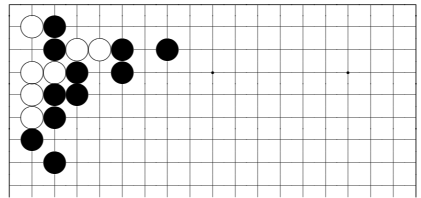
problem 169



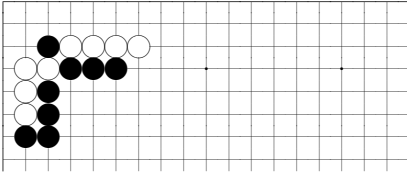
problem 175



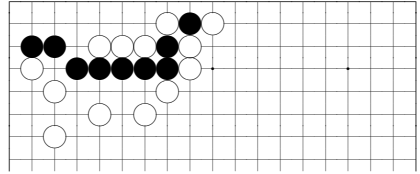
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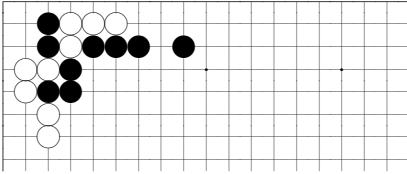
problem 176



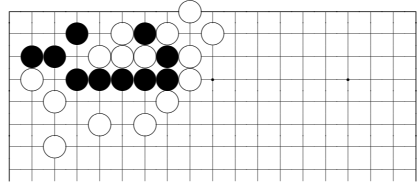
problem 177



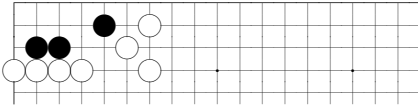
problem 182



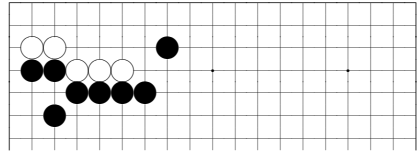
problem 178



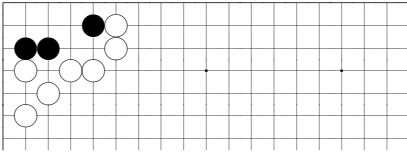
problem 183



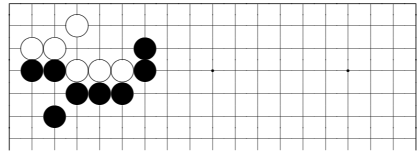
problem 179



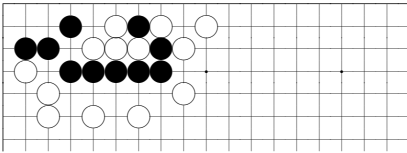
problem 184



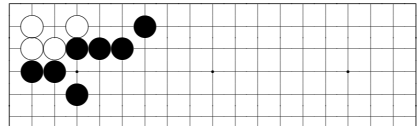
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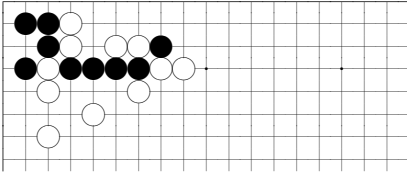
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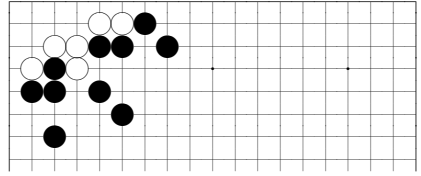
problem 181



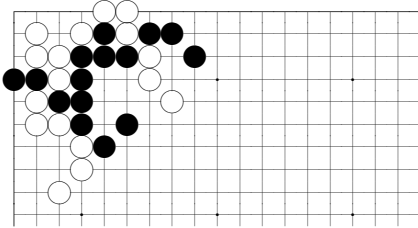
problem 186



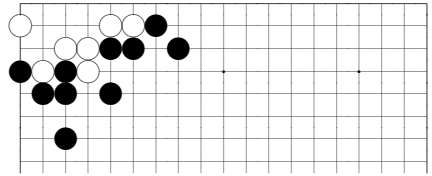
problem 187



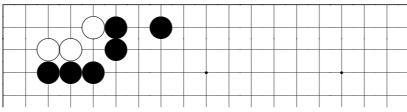
problem 192



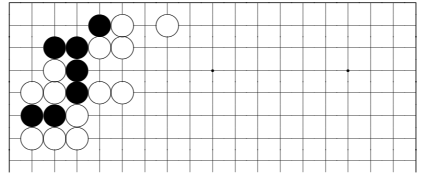
problem 188



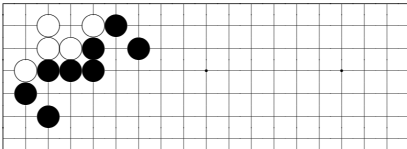
problem 193



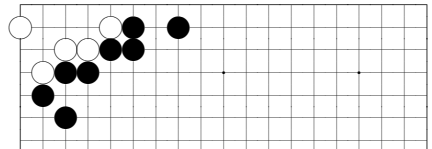
problem 189



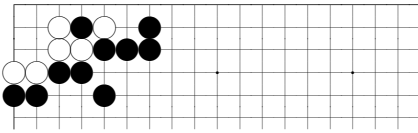
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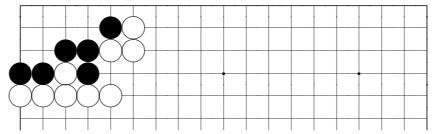
problem 190



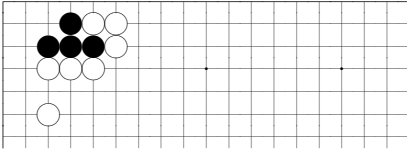
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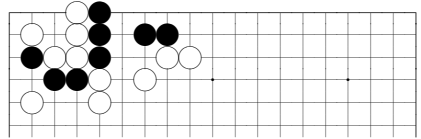
problem 191



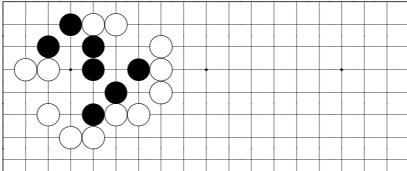
problem 196



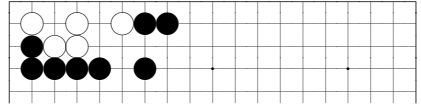
problem 197



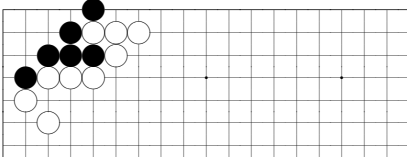
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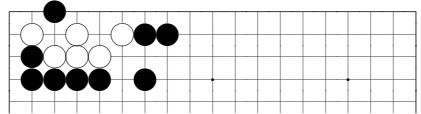
problem 198



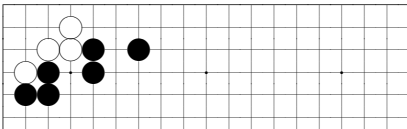
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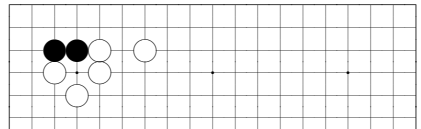
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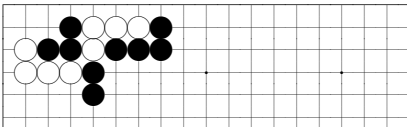
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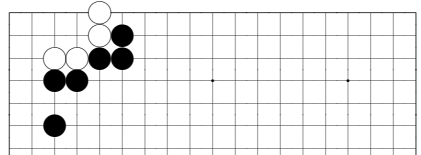
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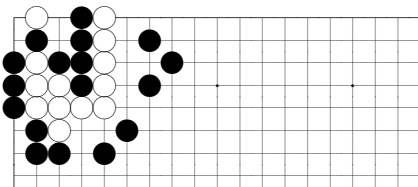
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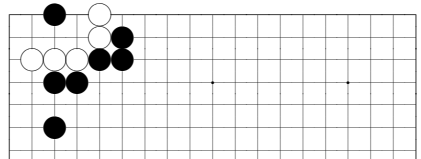
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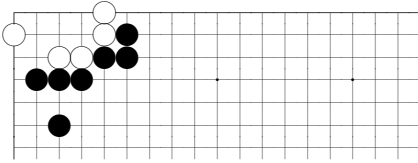
problem 207



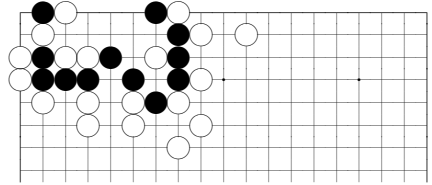
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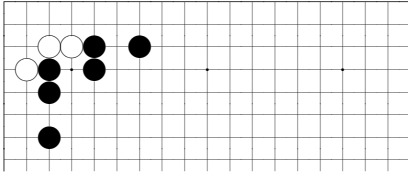
problem 208



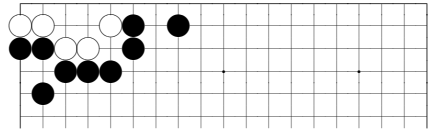
problem 209



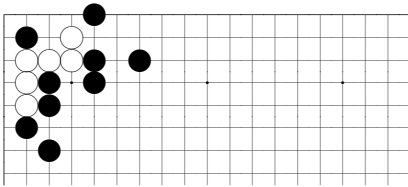
problem 214



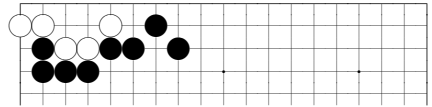
problem 210



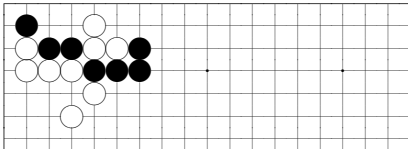
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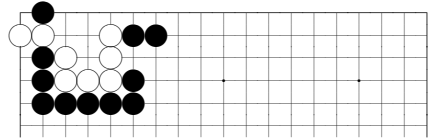
problem 211



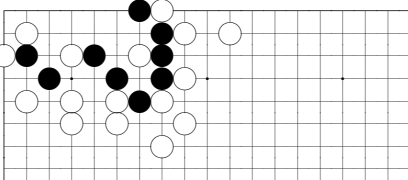
problem 216



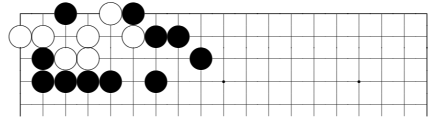
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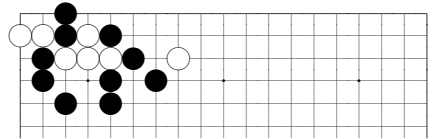
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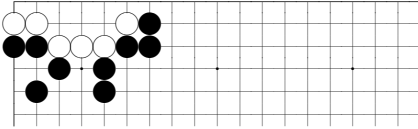
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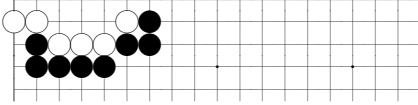
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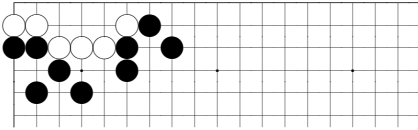
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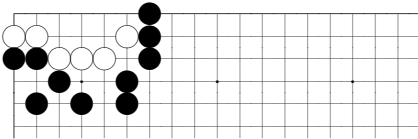
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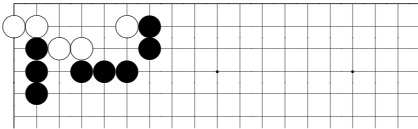
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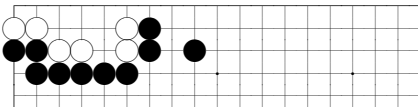
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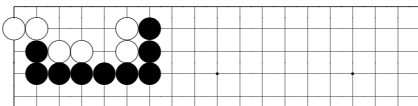
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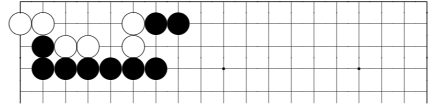
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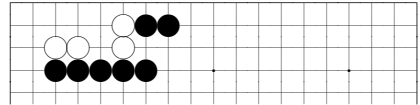
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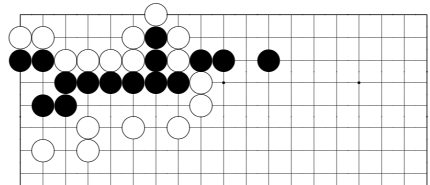
problem 226



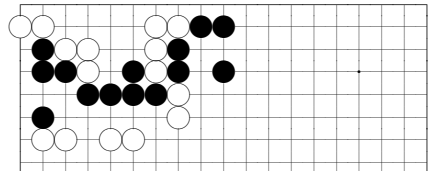
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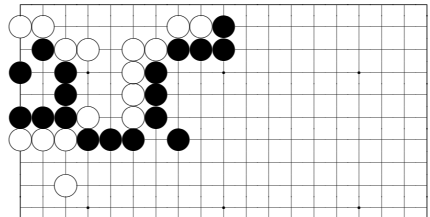
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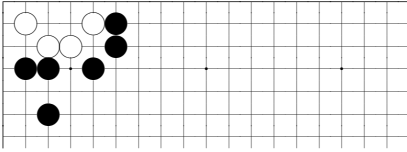
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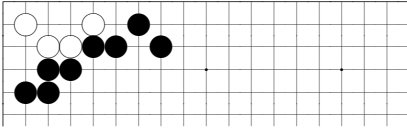
problem 230



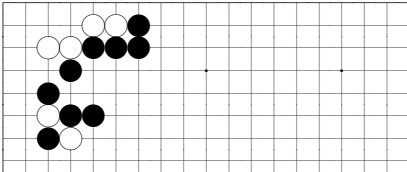
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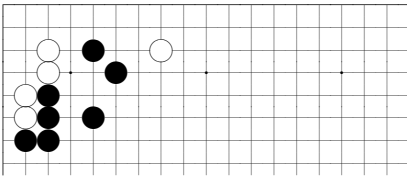
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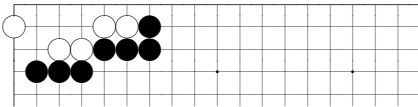
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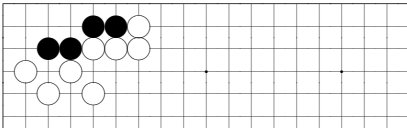
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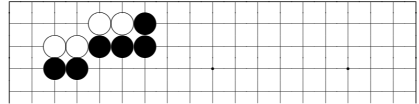
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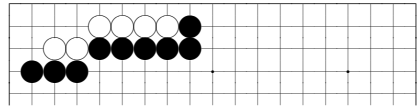
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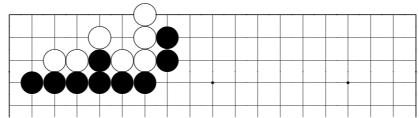
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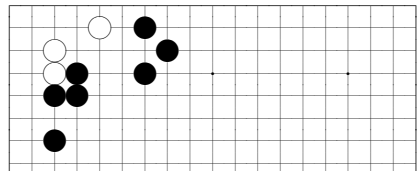
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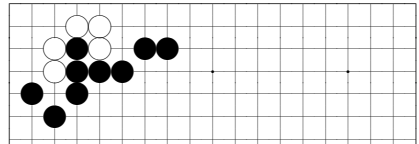
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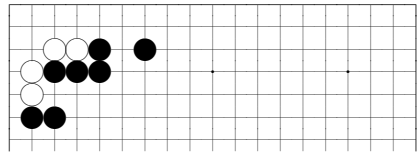
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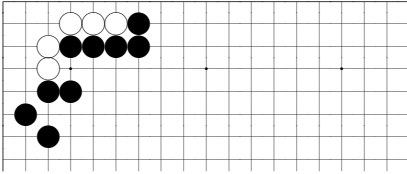
problem 253



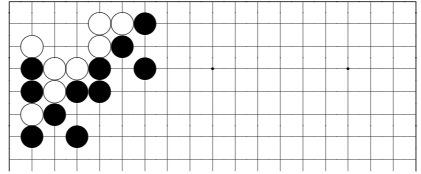
problem 254



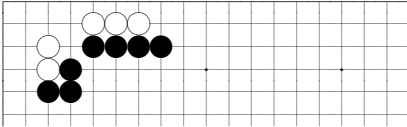
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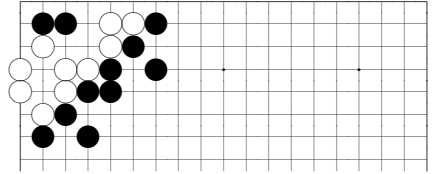
problem 256



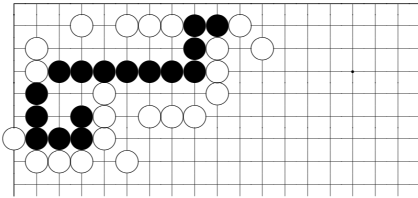
problem 261



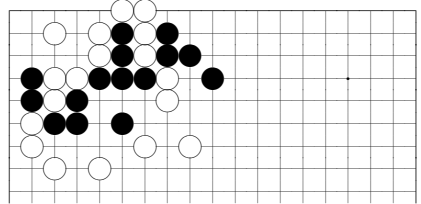
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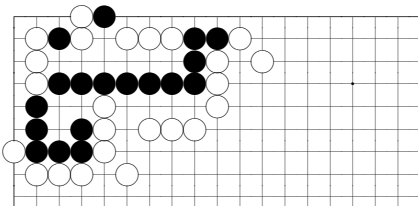
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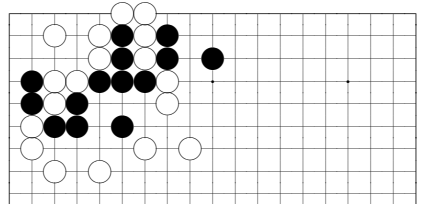
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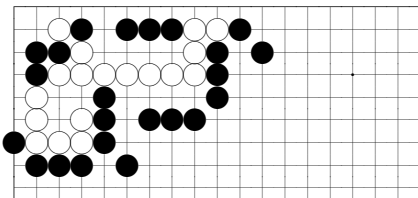
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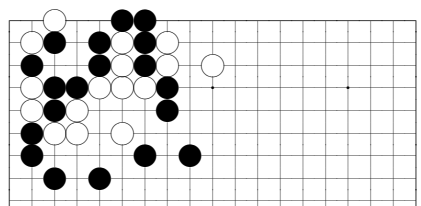
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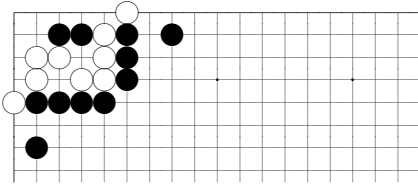
problem 264



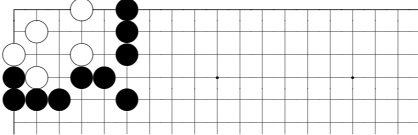
problem 260



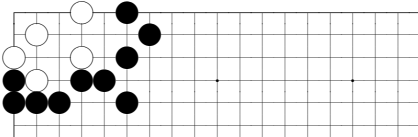
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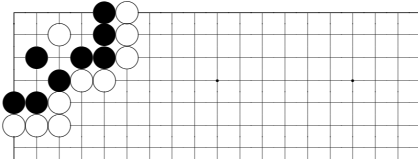
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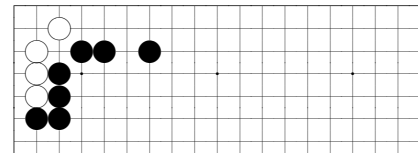
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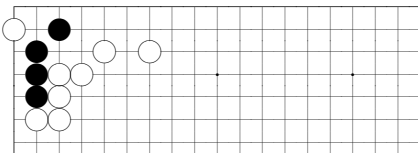
problem 268



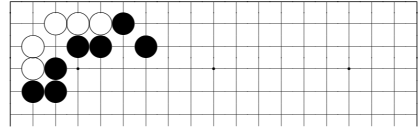
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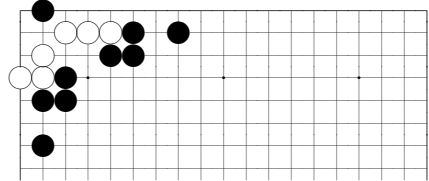
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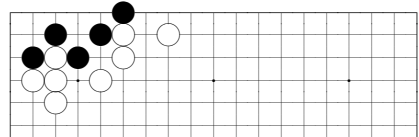
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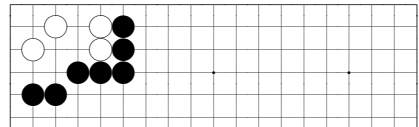
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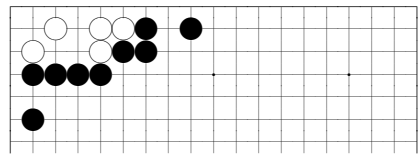
problem 273



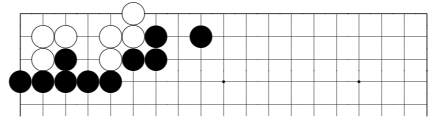
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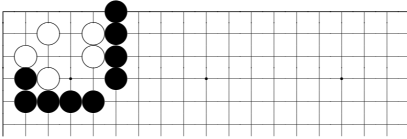
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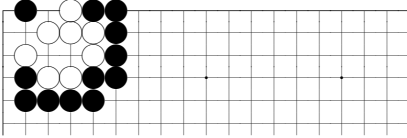
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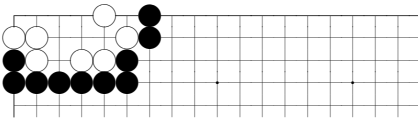
problem 277



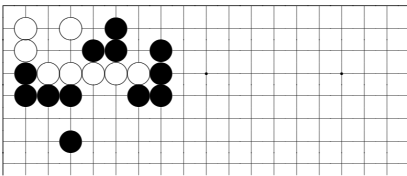
problem 278



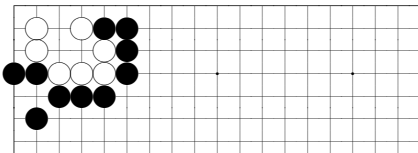
problem 279



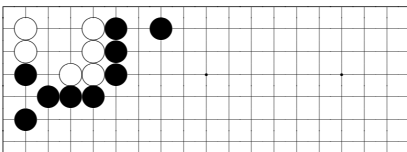
problem 280



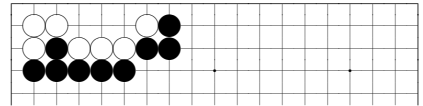
problem 281



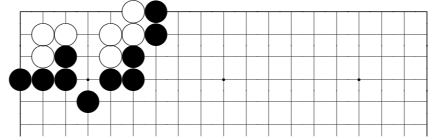
problem 282



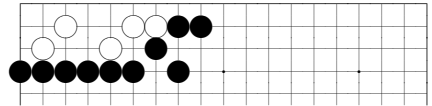
problem 283



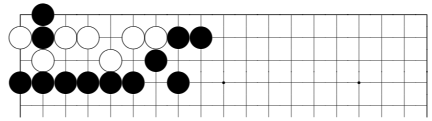
problem 284



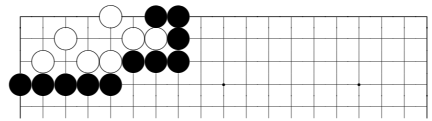
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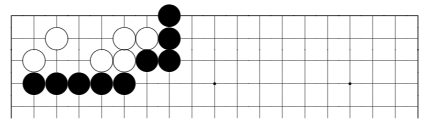
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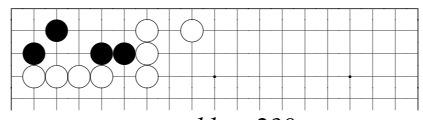
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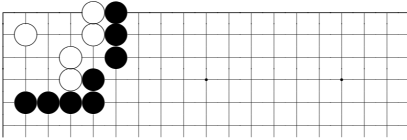
problem 288



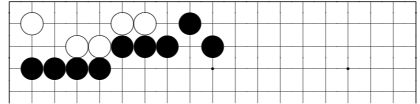
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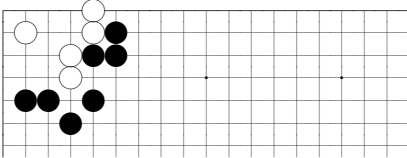
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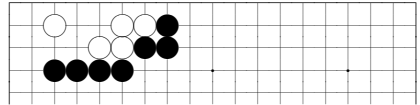
problem 291



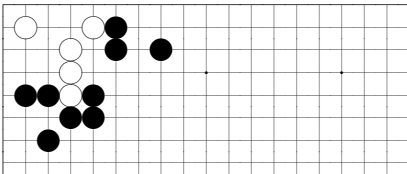
problem 297



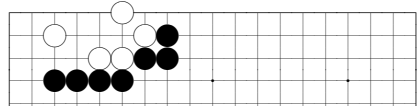
problem 292



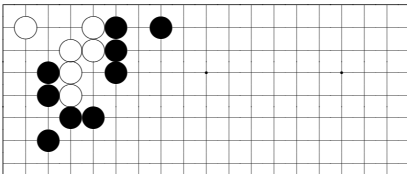
problem 298



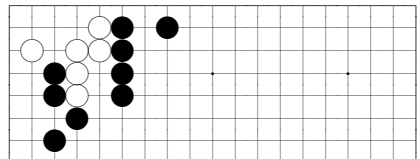
problem 293



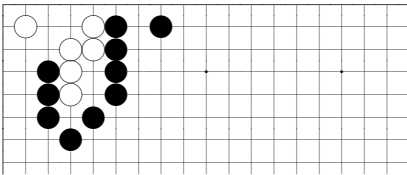
problem 299



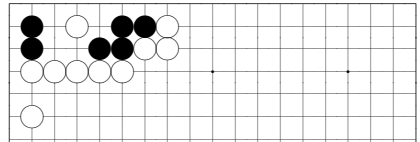
problem 294



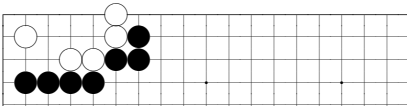
problem 300



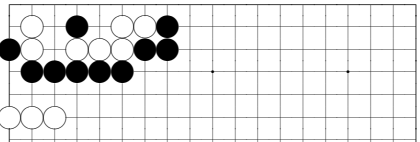
problem 295



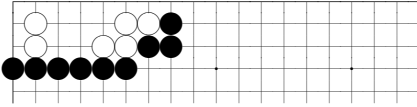
problem 301



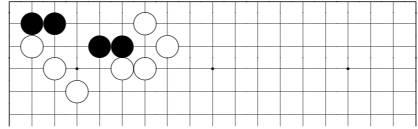
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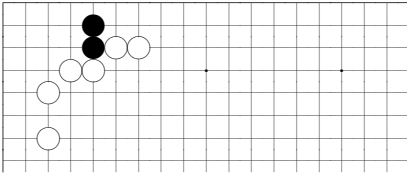
problem 302



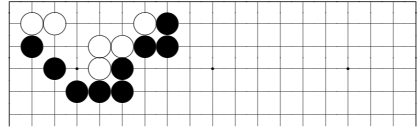
problem 303



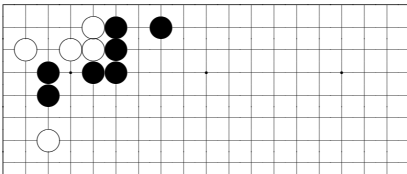
problem 309



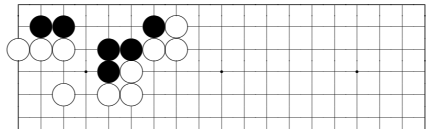
problem 304



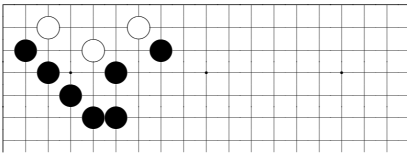
problem 310



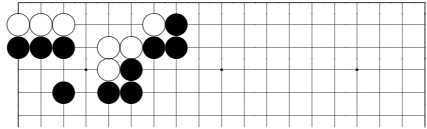
problem 305



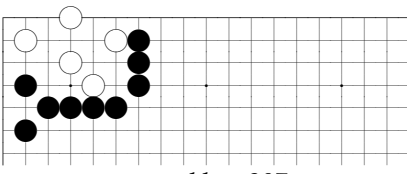
problem 311



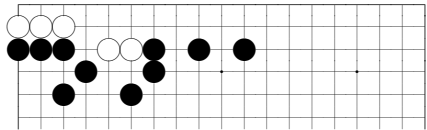
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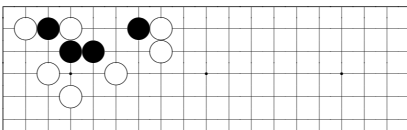
problem 312



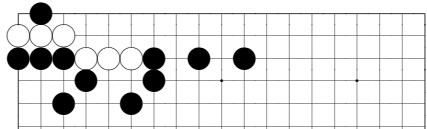
problem 307



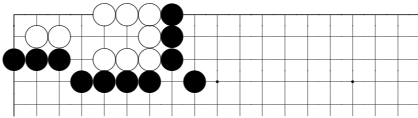
problem 313



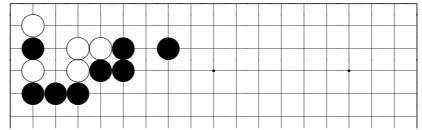
problem 308



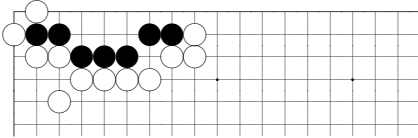
problem 314



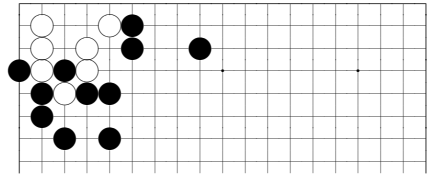
problem 315



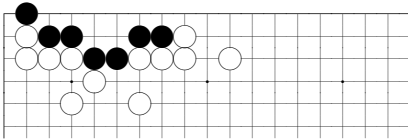
problem 321



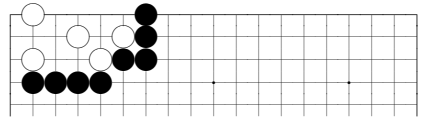
problem 316



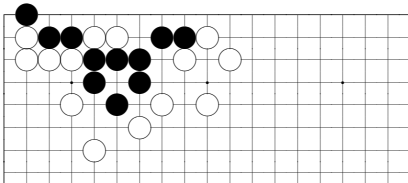
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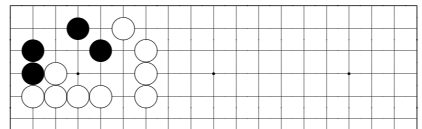
problem 317



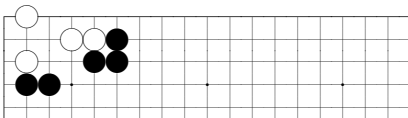
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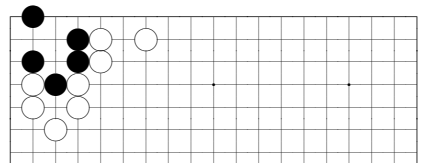
problem 318



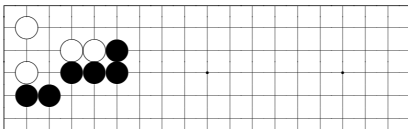
problem 324



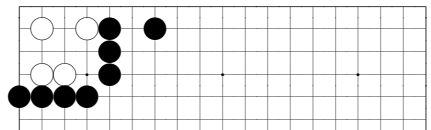
problem 319



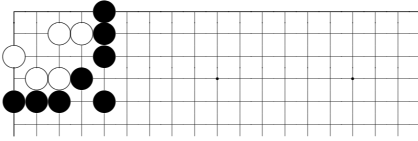
problem 325



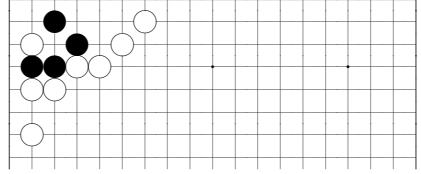
problem 320



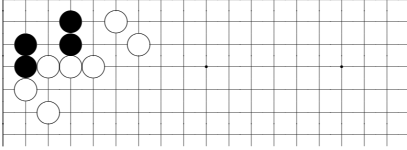
problem 326



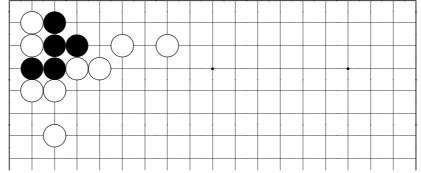
problem 327



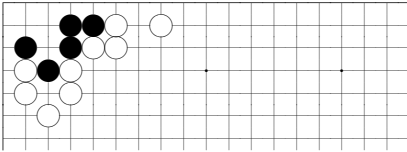
problem 333



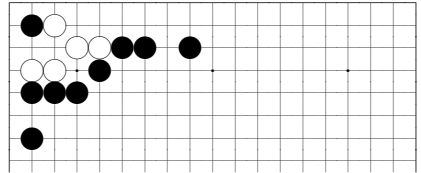
problem 328



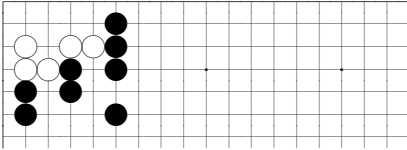
problem 334



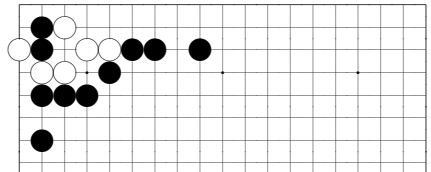
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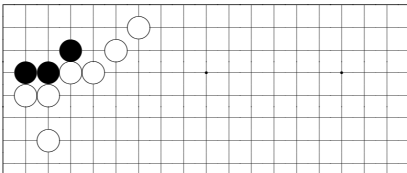
problem 335



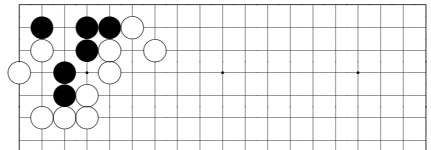
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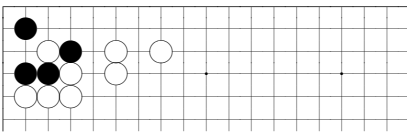
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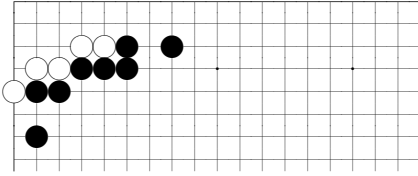
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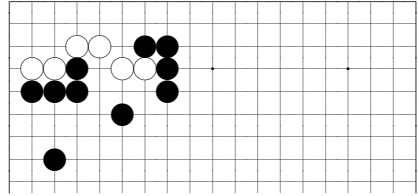
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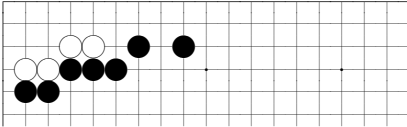
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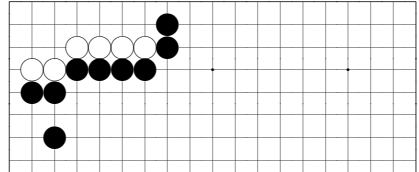
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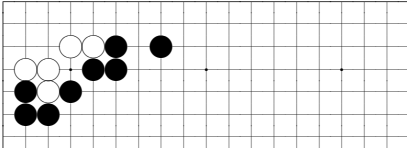
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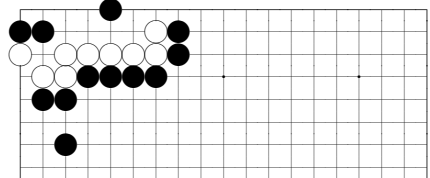
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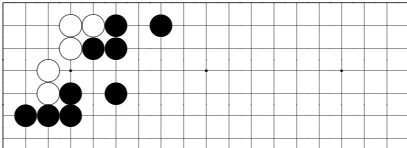
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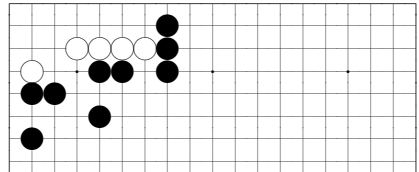
problem 340



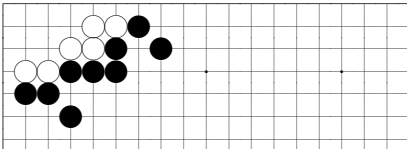
problem 346



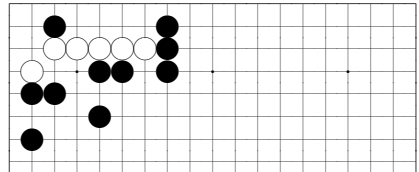
problem 341



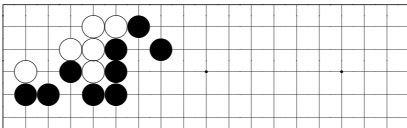
problem 347



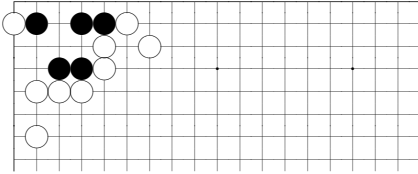
problem 342



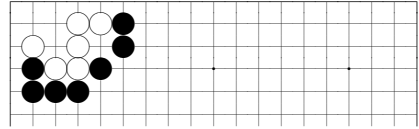
problem 348



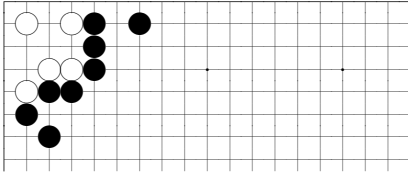
problem 343



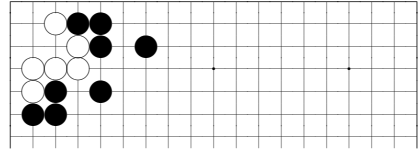
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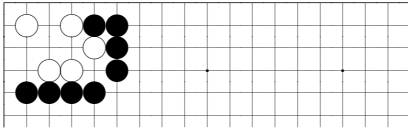
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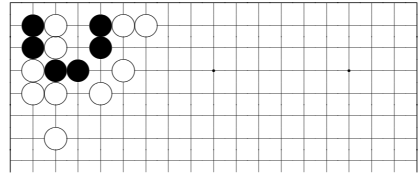
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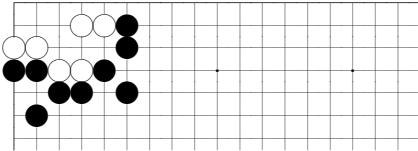
problem 356



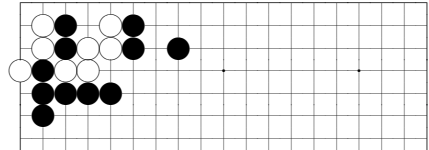
problem 351



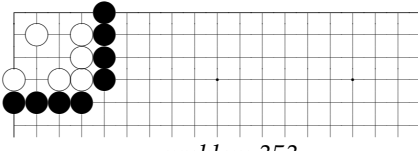
problem 357



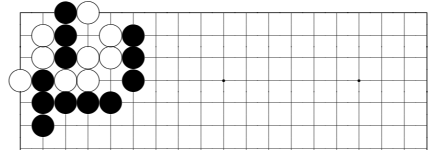
problem 352



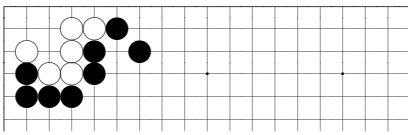
problem 358



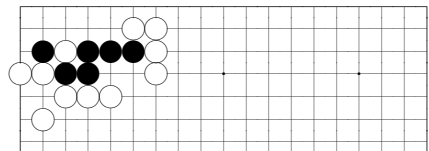
problem 353



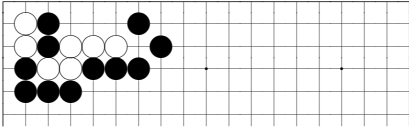
problem 359



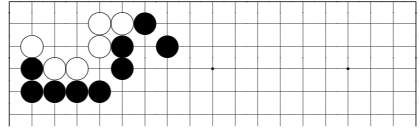
problem 354



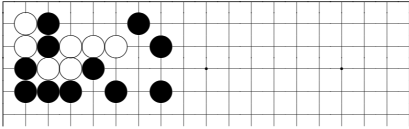
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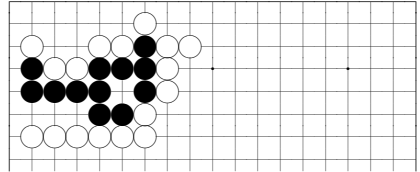
problem 361



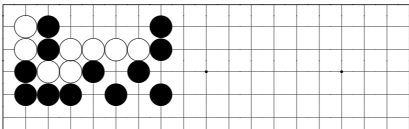
problem 367



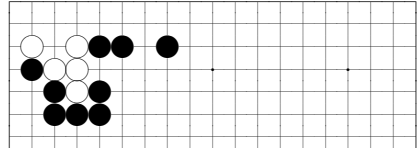
problem 362



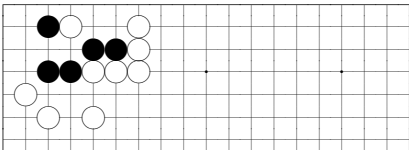
problem 368



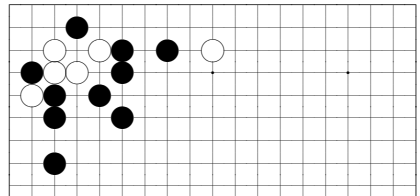
problem 363



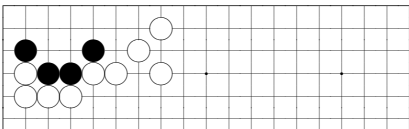
problem 369



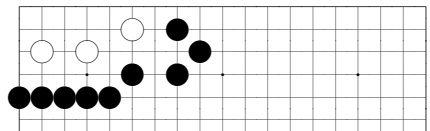
problem 364



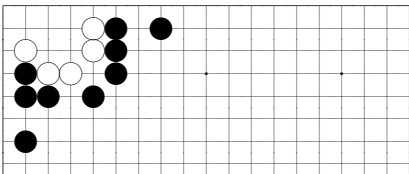
problem 370



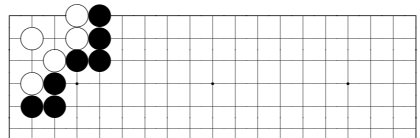
problem 365



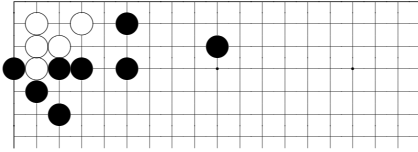
problem 371



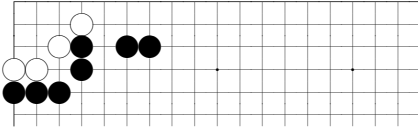
problem 366



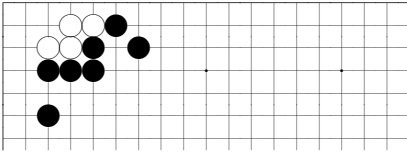
problem 372



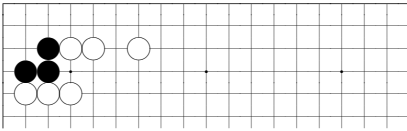
problem 373



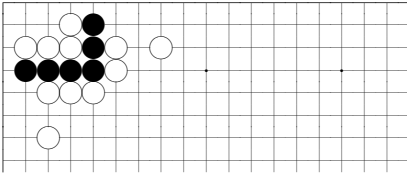
problem 374



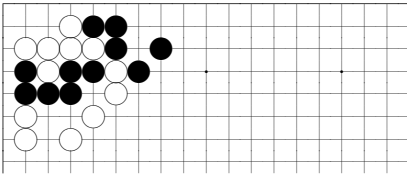
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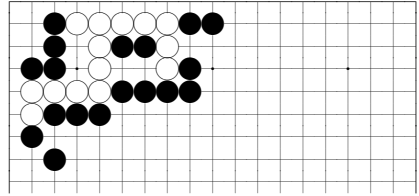
problem 376



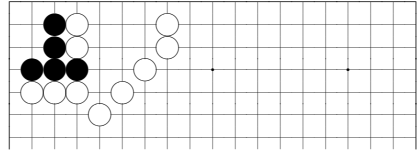
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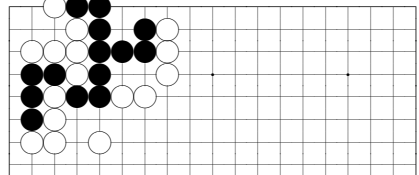
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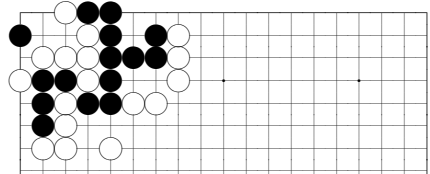
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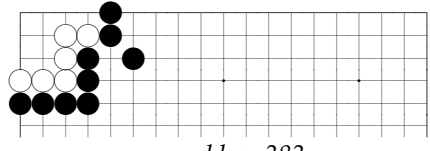
problem 380



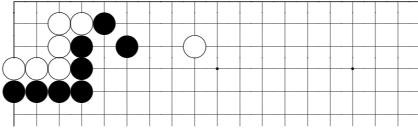
problem 381



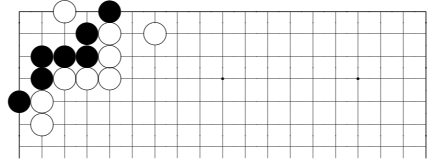
problem 382



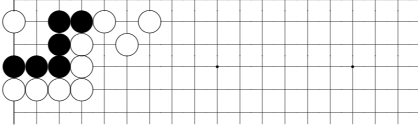
problem 383



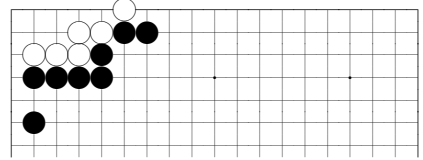
problem 384



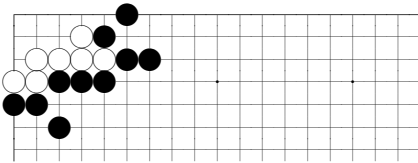
problem 390



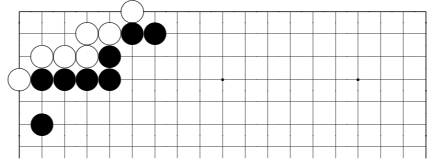
problem 385



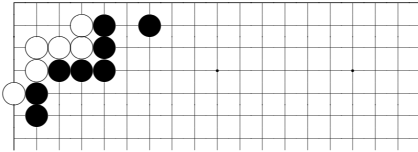
problem 391



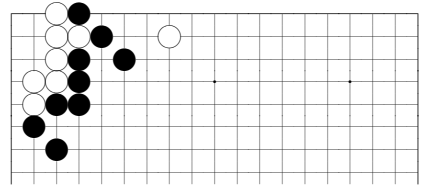
problem 386



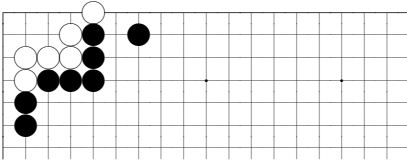
problem 392



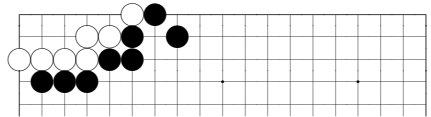
problem 387



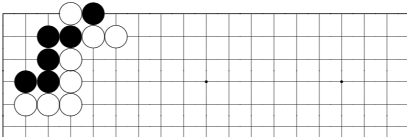
problem 393



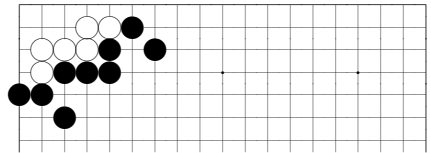
problem 388



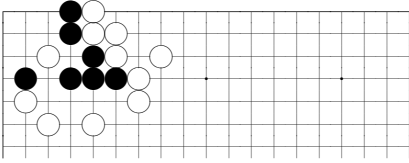
problem 394



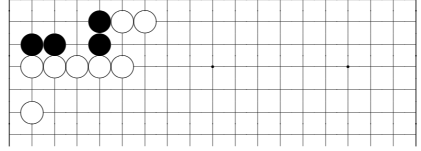
problem 389



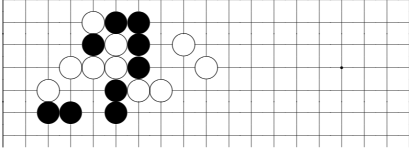
problem 395



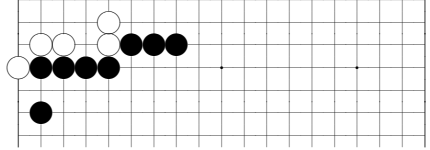
problem 396



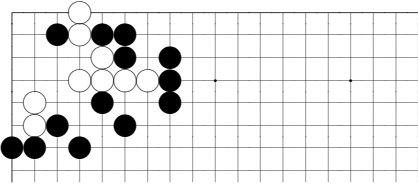
problem 401



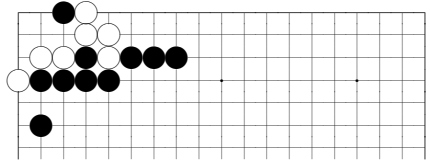
problem 397



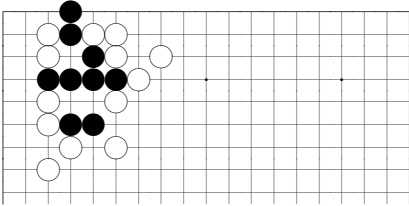
problem 402



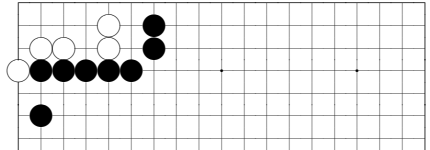
problem 398



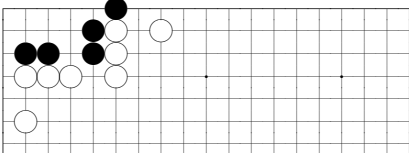
problem 403



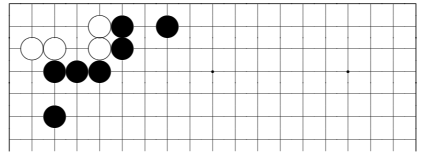
problem 399



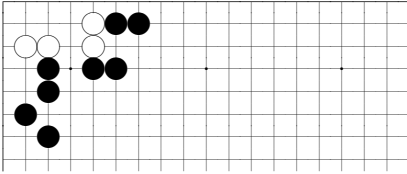
problem 404



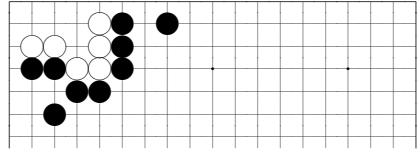
problem 400



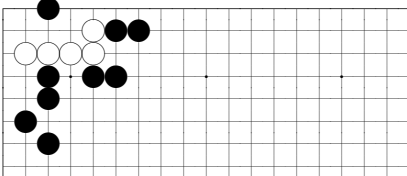
problem 405



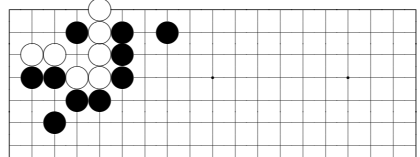
problem 406



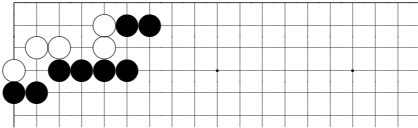
problem 411



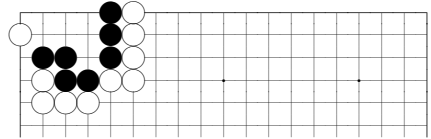
problem 407



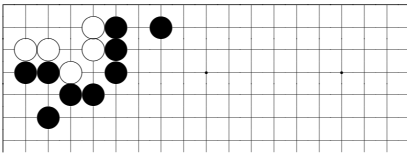
problem 412



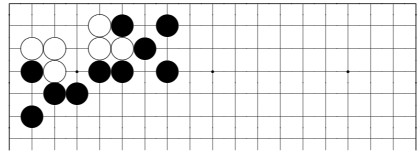
problem 408



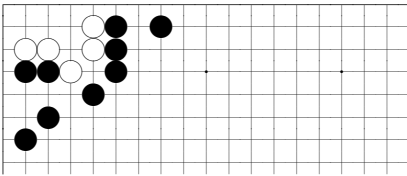
problem 413



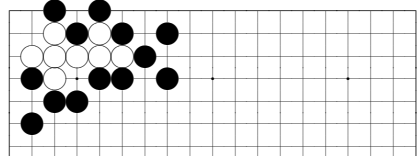
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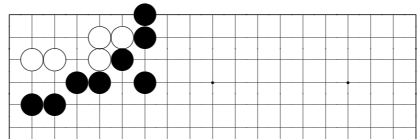
problem 414



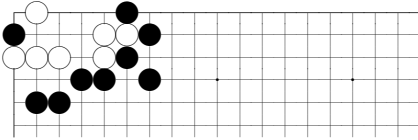
problem 410



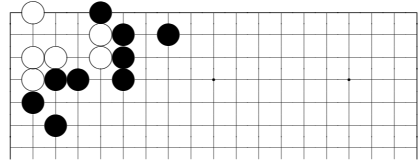
problem 415



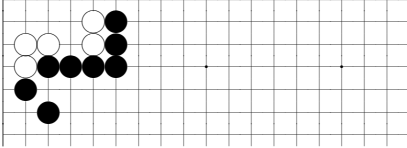
problem 416



problem 417



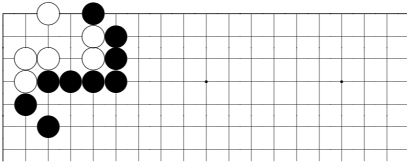
problem 423



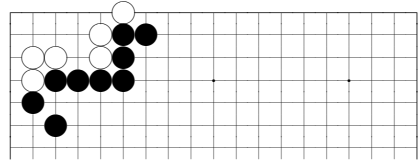
problem 418



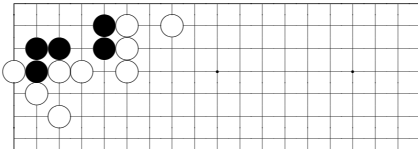
problem 424



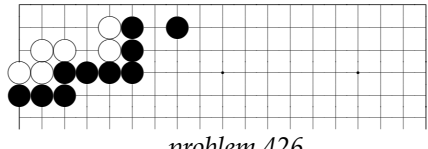
problem 419



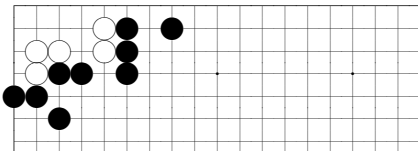
problem 425



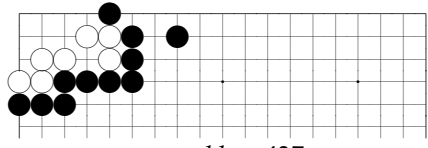
problem 420



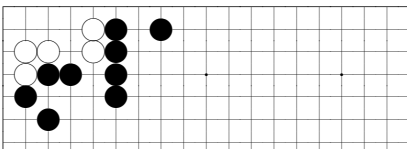
problem 426



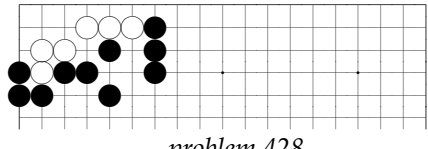
problem 421



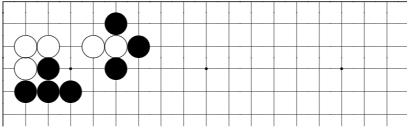
problem 427



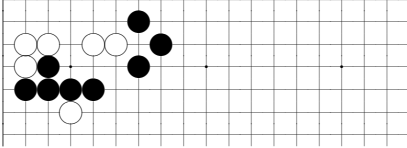
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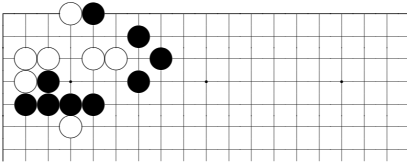
problem 428



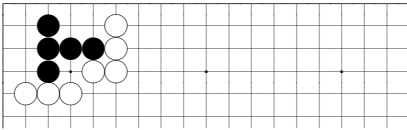
problem 429



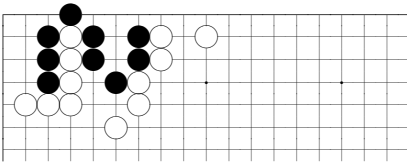
problem 430



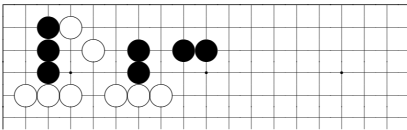
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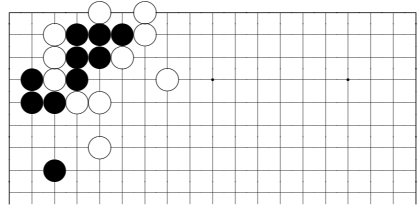
problem 432



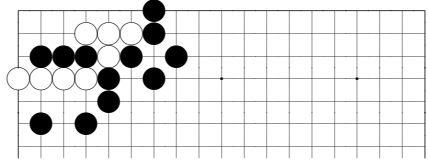
problem 433



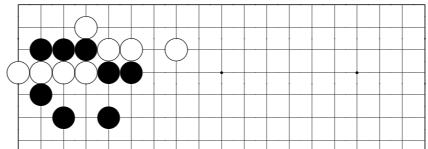
problem 434



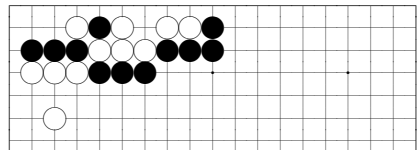
problem 435



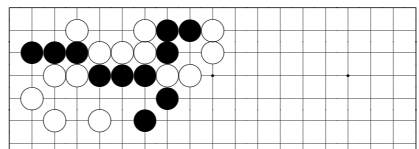
problem 436



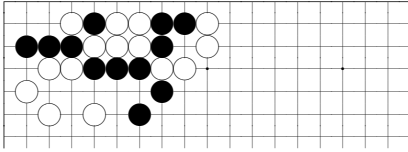
problem 437



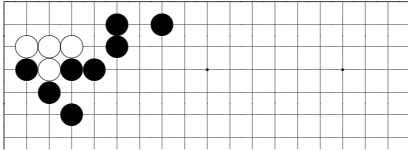
problem 438



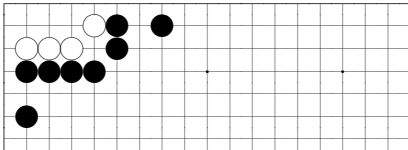
problem 439



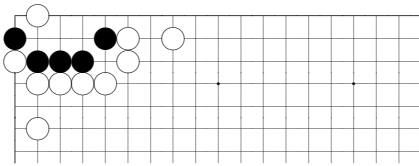
problem 440



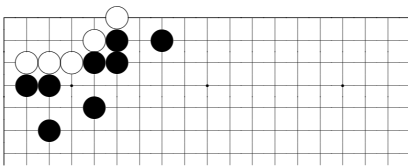
problem 441



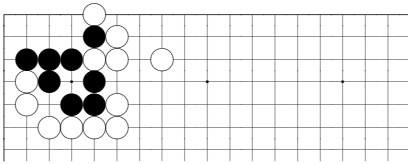
problem 442



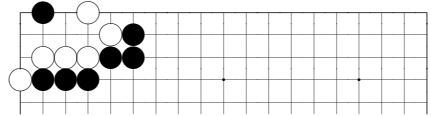
problem 443



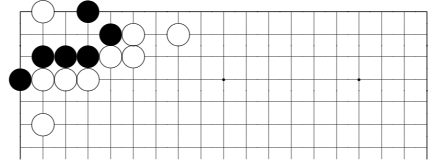
problem 444



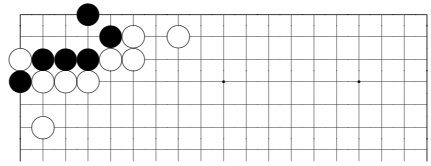
problem 445



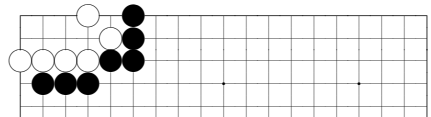
problem 446



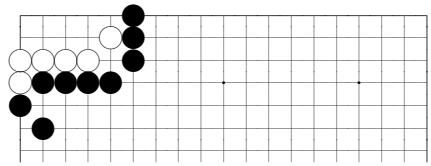
problem 447



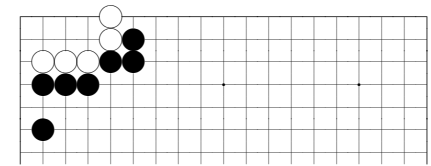
problem 448



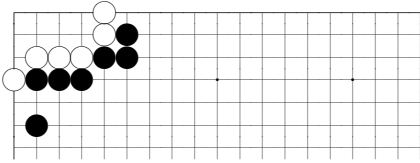
problem 449



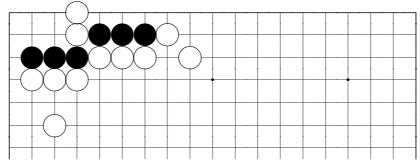
problem 450



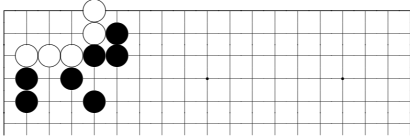
problem 451



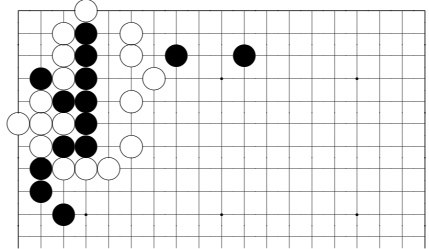
problem 452



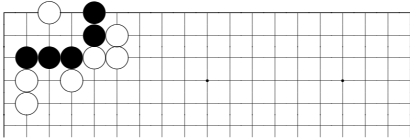
problem 459



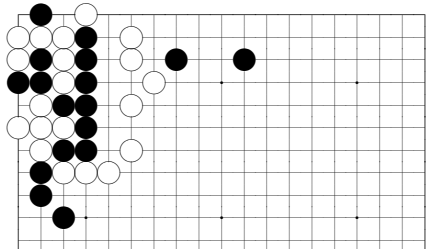
problem 453



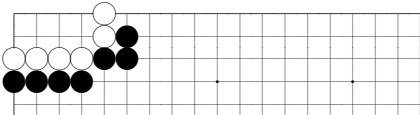
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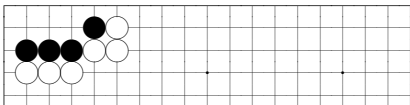
problem 454



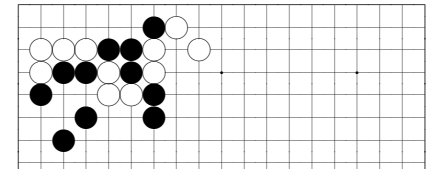
problem 461



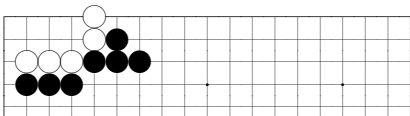
problem 455



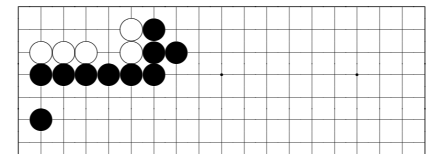
problem 456



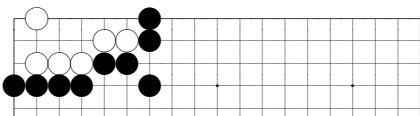
problem 462



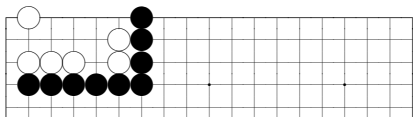
problem 457



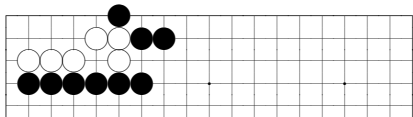
problem 463



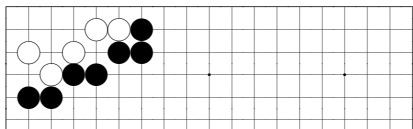
problem 458



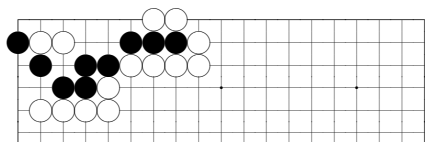
problem 464



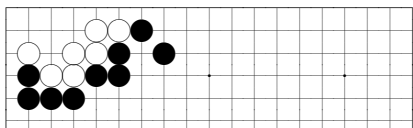
problem 465



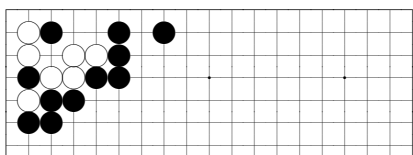
problem 466



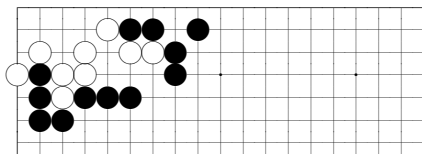
problem 467



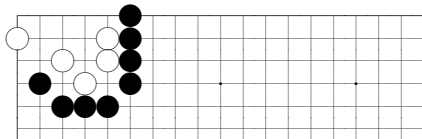
problem 468



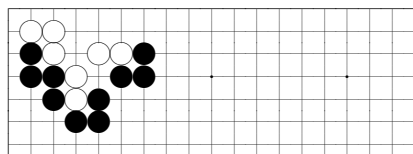
problem 469



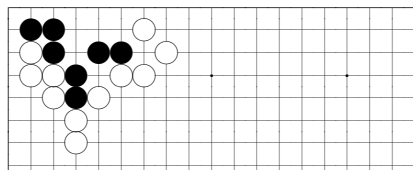
problem 470



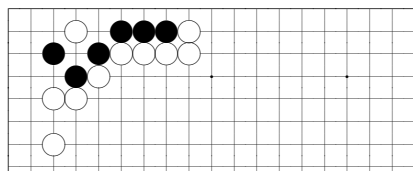
problem 471



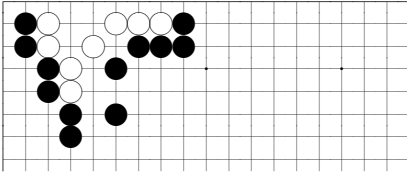
problem 472



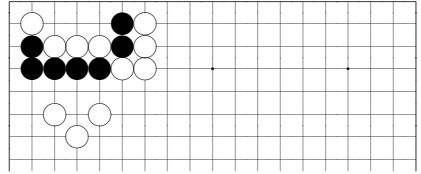
problem 473



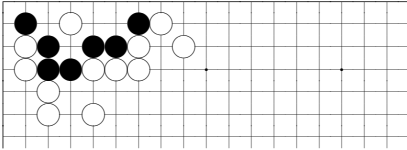
problem 474



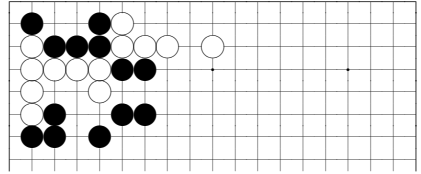
problem 475



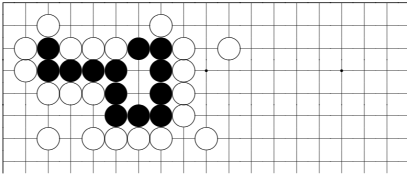
problem 480



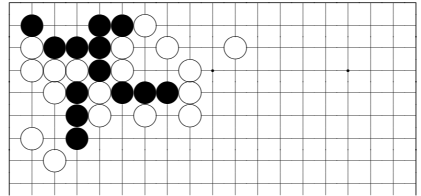
problem 476



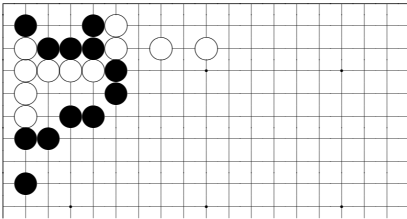
problem 481



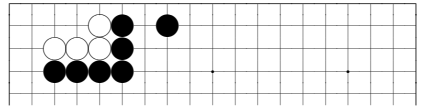
problem 477



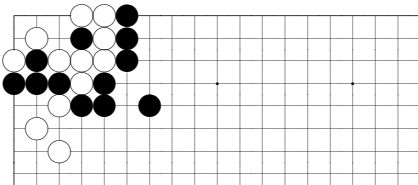
problem 482



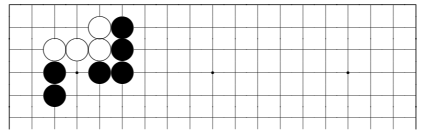
problem 478



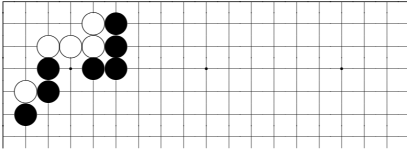
problem 483



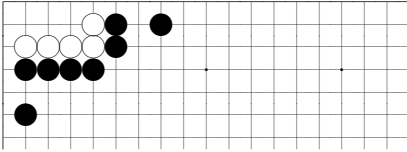
problem 479



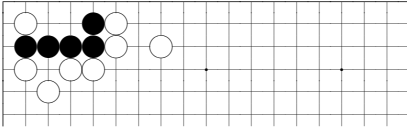
problem 484



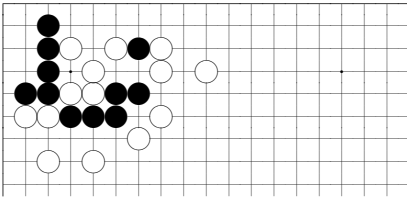
problem 485



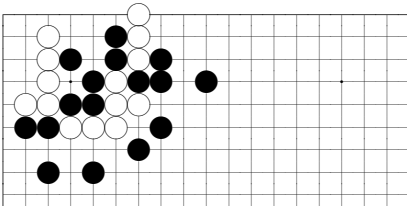
problem 486



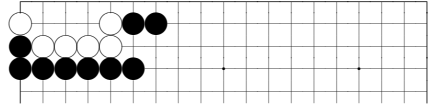
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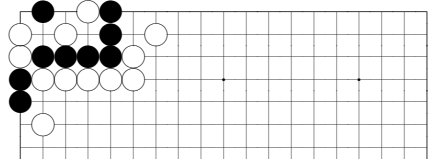
problem 488



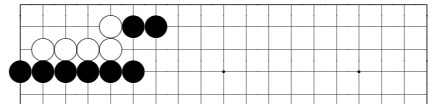
problem 489



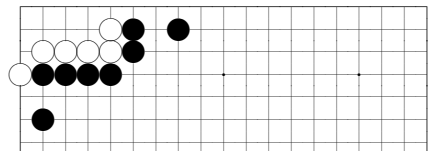
problem 490



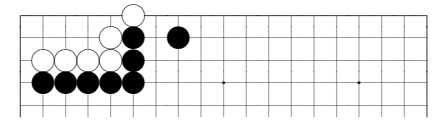
problem 491



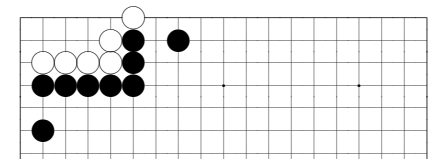
problem 492



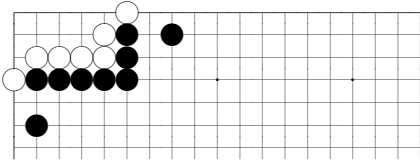
problem 493



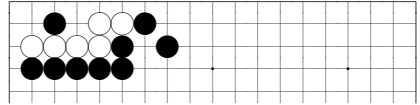
problem 494



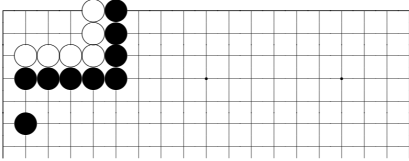
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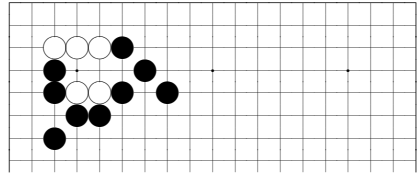
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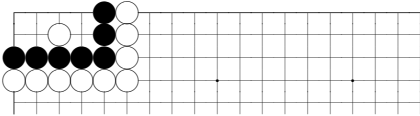
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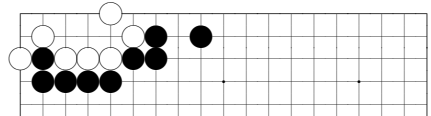
problem 497



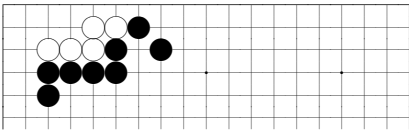
problem 503



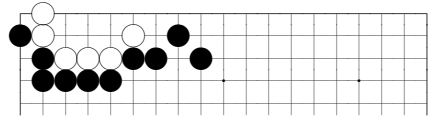
problem 498



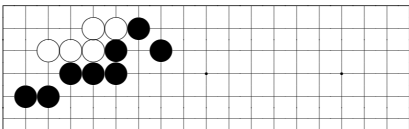
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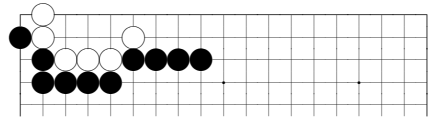
problem 499



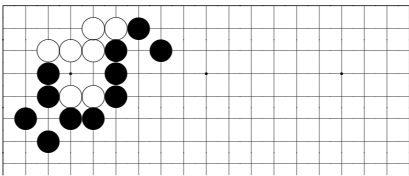
problem 505



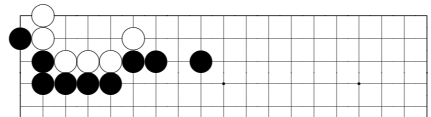
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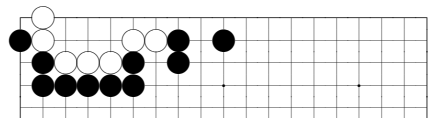
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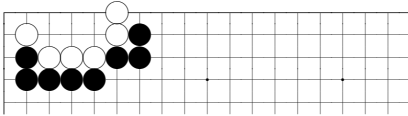
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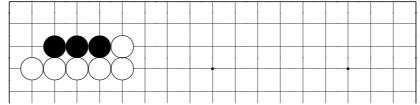
problem 507



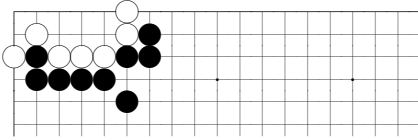
problem 508



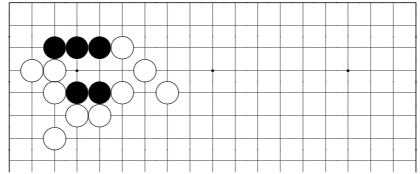
problem 509



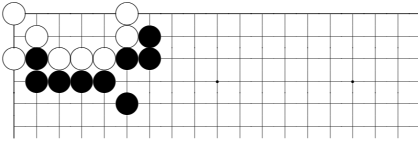
problem 515



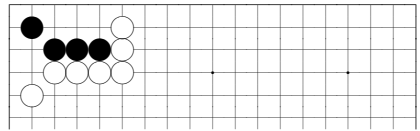
problem 510



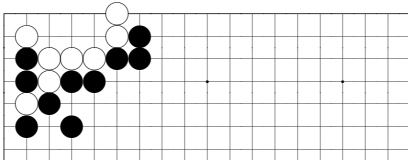
problem 516



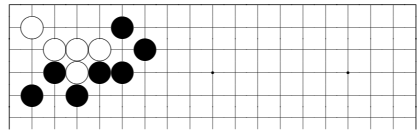
problem 511



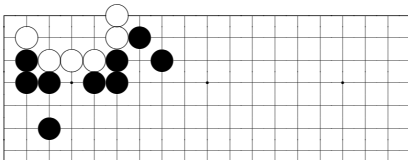
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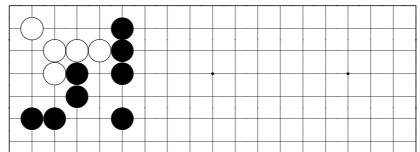
problem 512



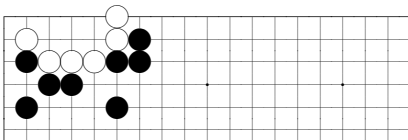
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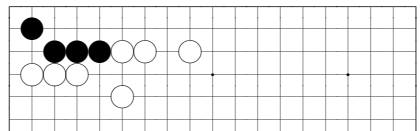
problem 513



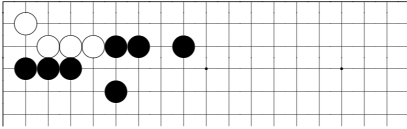
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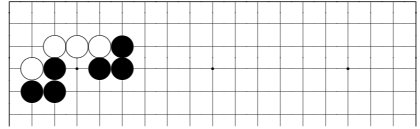
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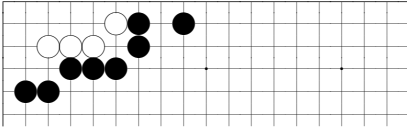
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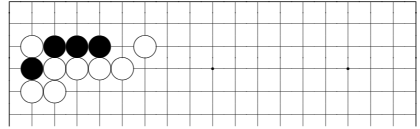
problem 521



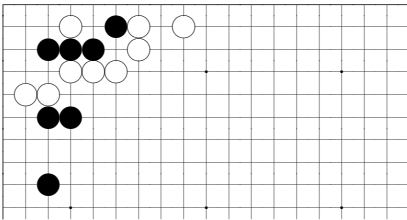
problem 527



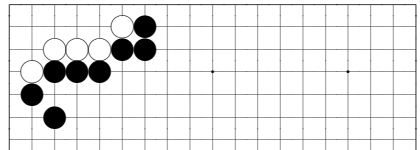
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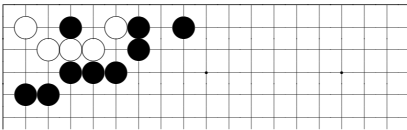
problem 528



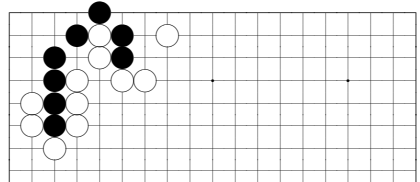
problem 523



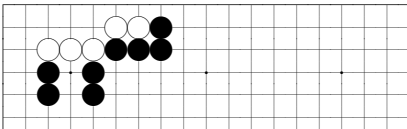
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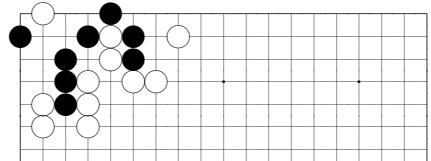
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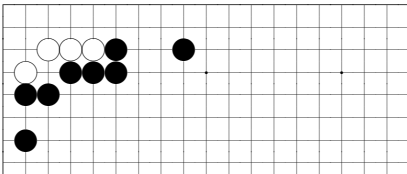
problem 530



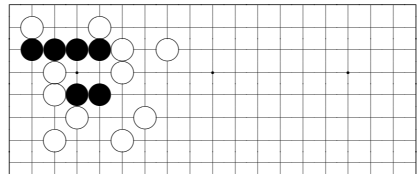
problem 525



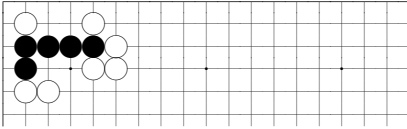
problem 531



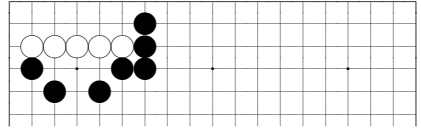
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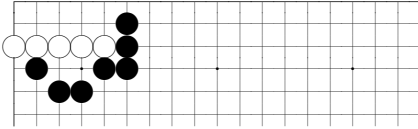
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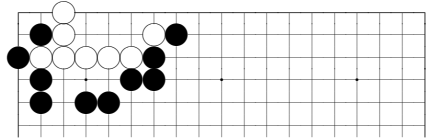
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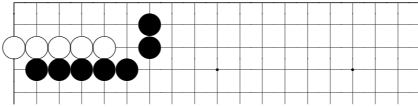
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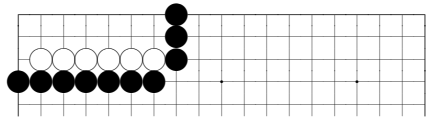
problem 534



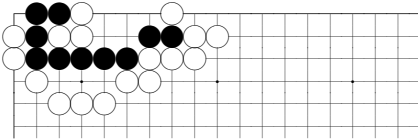
problem 540



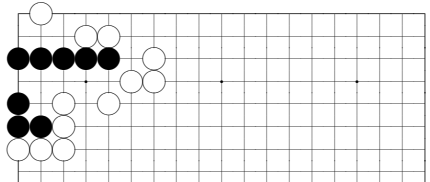
problem 535



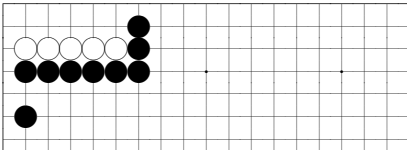
problem 541



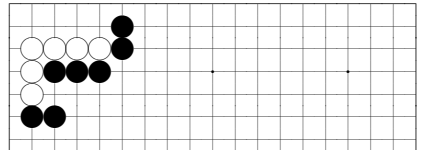
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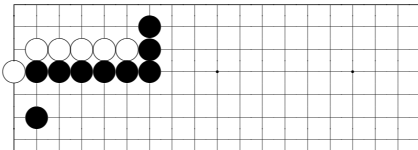
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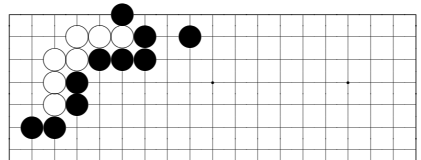
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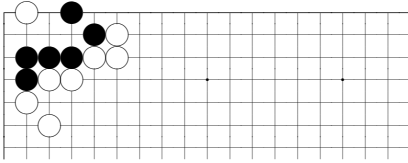
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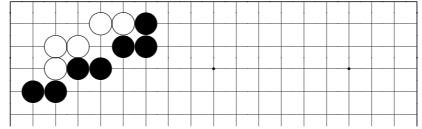
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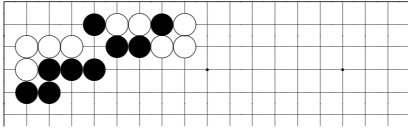
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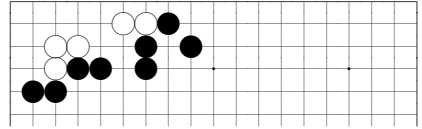
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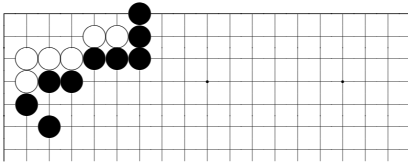
problem 551



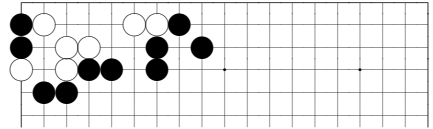
problem 546



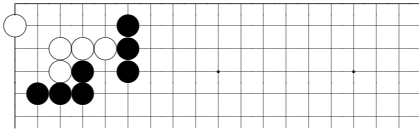
problem 552



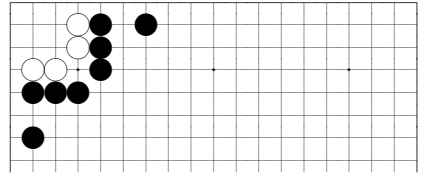
problem 547



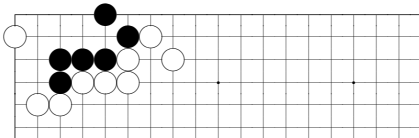
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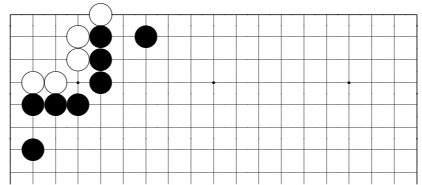
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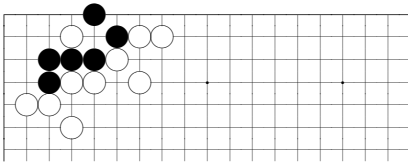
problem 554



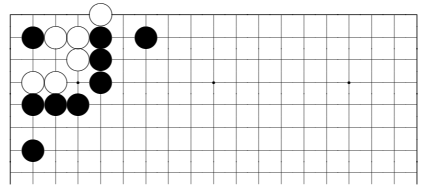
problem 549



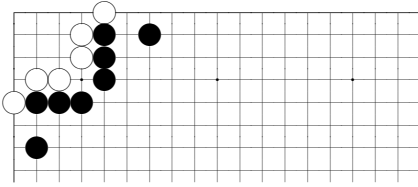
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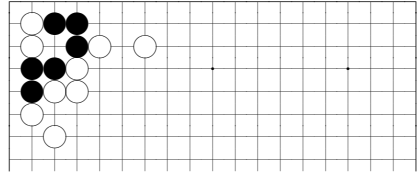
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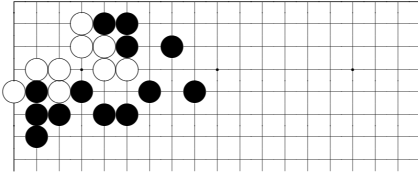
problem 556



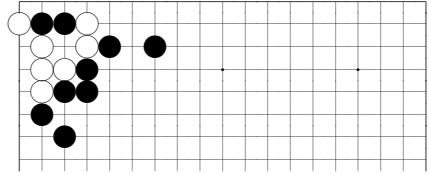
problem 557



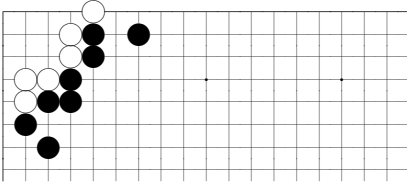
problem 562



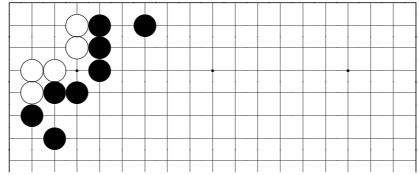
problem 558



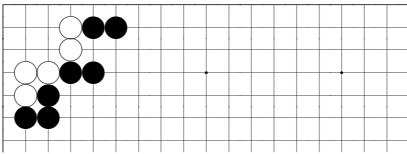
problem 563



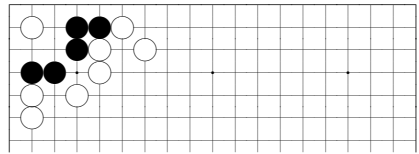
problem 559



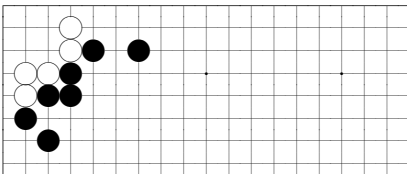
problem 564



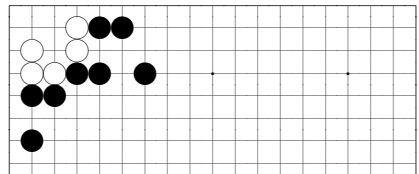
problem 560



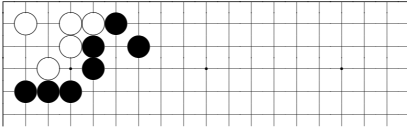
problem 565



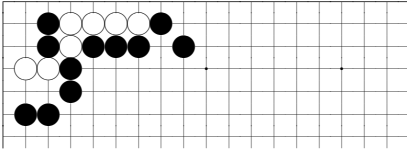
problem 561



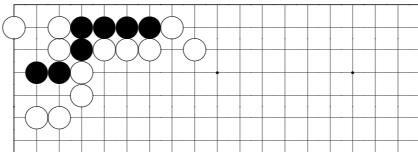
problem 566



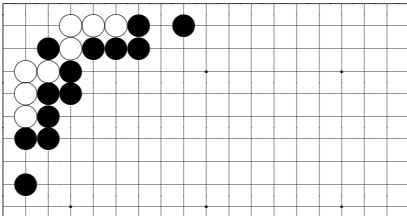
problem 567



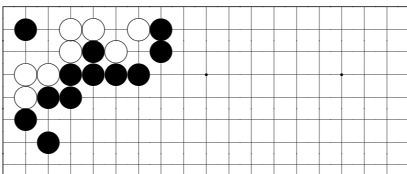
problem 568



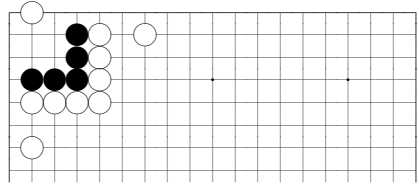
problem 569



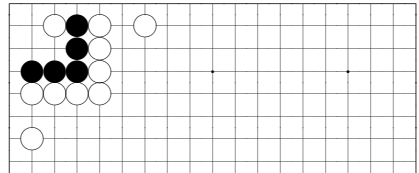
problem 570



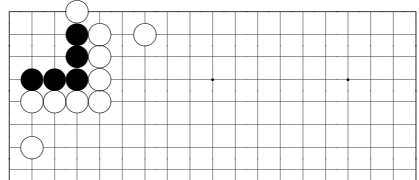
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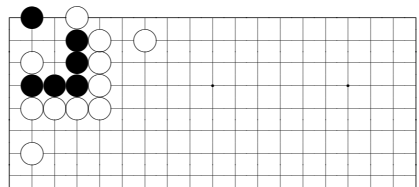
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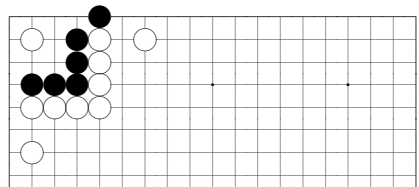
problem 573



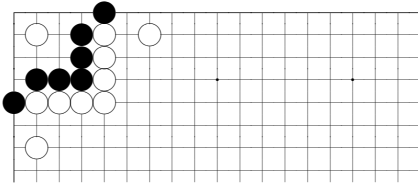
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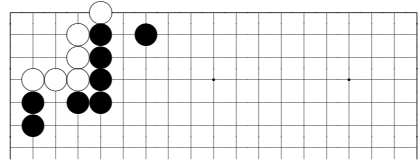
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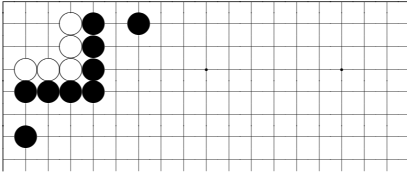
problem 576



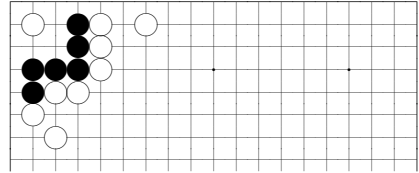
problem 577



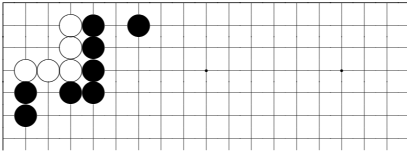
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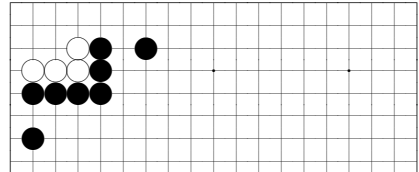
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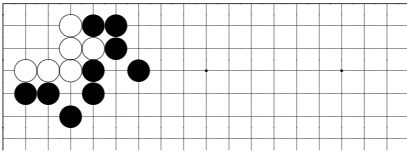
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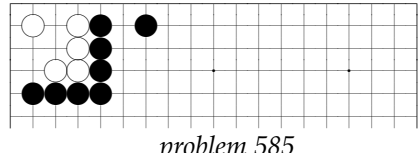
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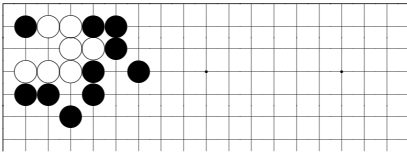
problem 584



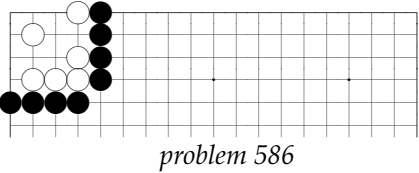
problem 580



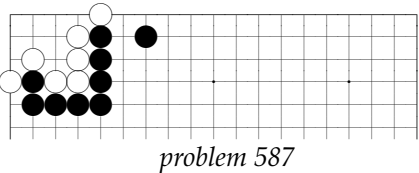
problem 585



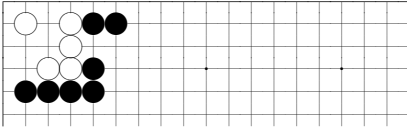
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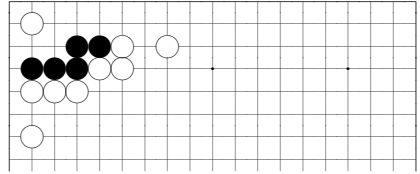
problem 586



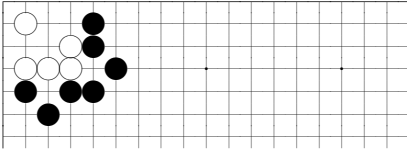
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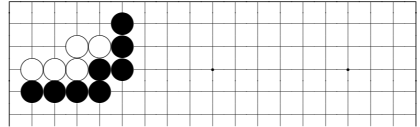
problem 588



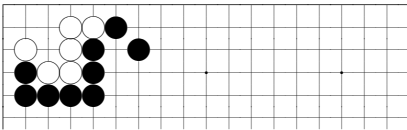
problem 594



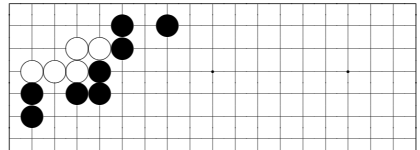
problem 589



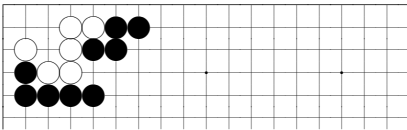
problem 595



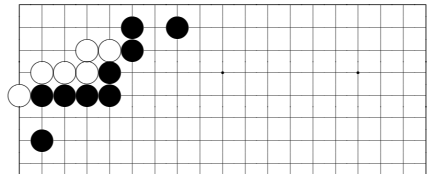
problem 590



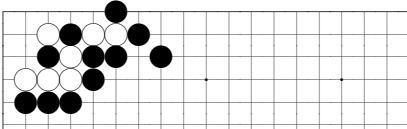
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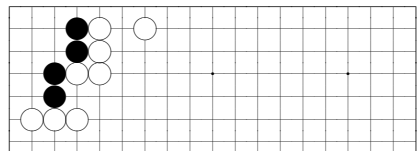
problem 591



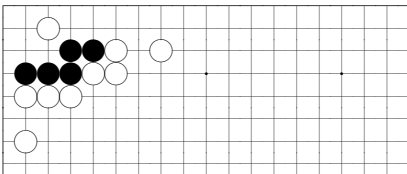
problem 597



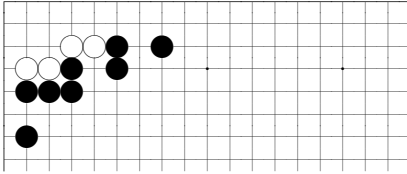
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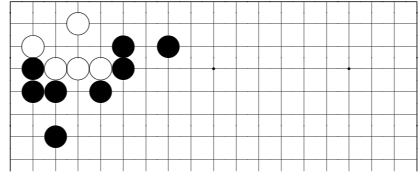
problem 598



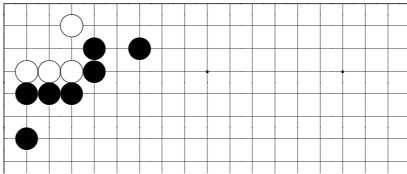
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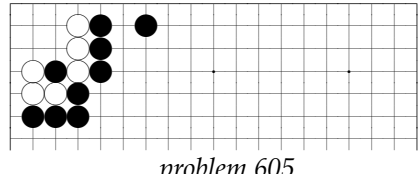
problem 599



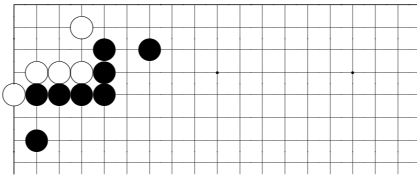
problem 604



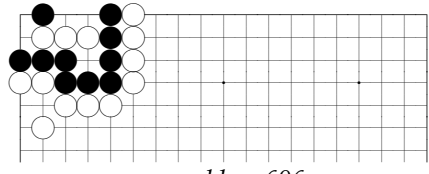
problem 600



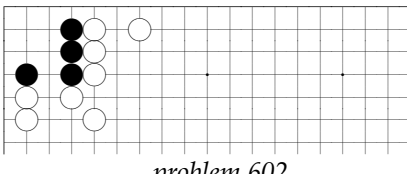
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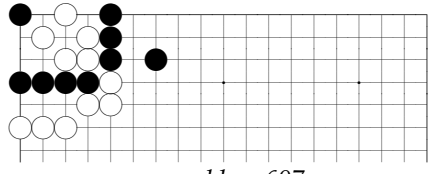
problem 601



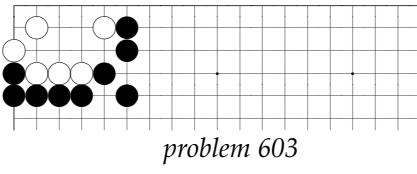
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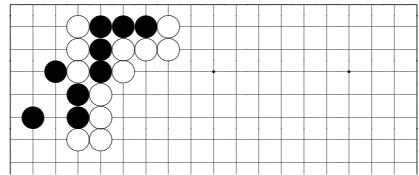
problem 602



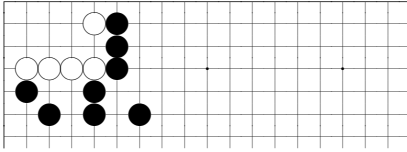
problem 607



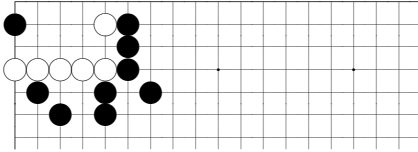
problem 603



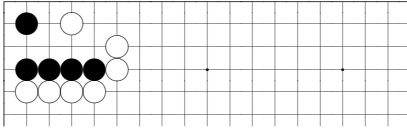
problem 608



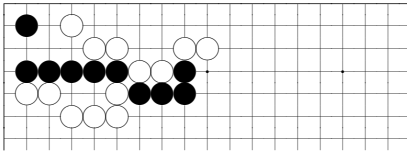
problem 609



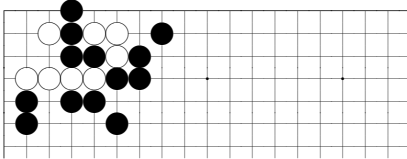
problem 610



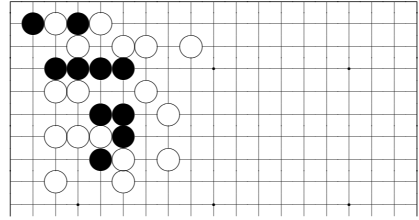
problem 611



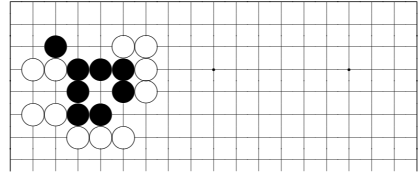
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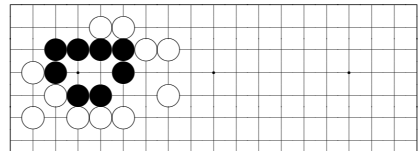
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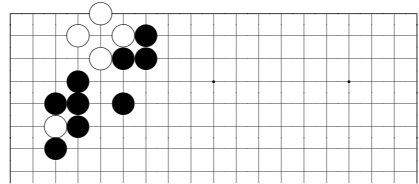
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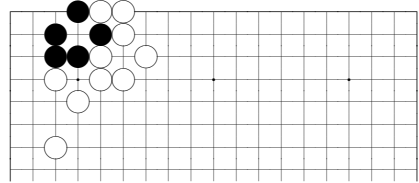
problem 615



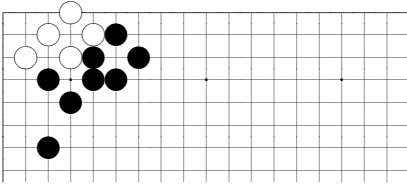
problem 616



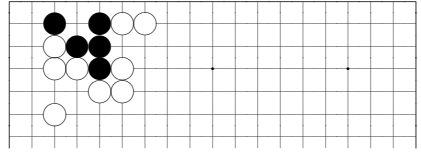
problem 617



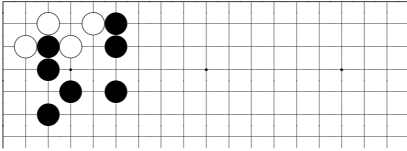
problem 618



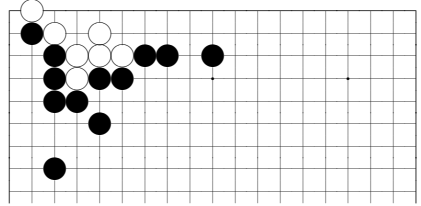
problem 619



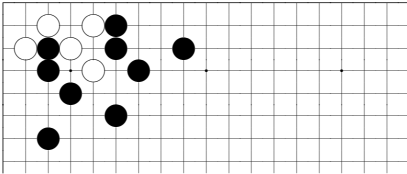
problem 624



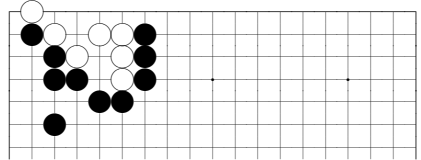
problem 620



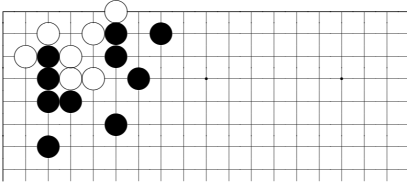
problem 625



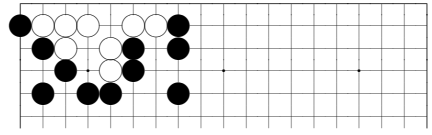
problem 621



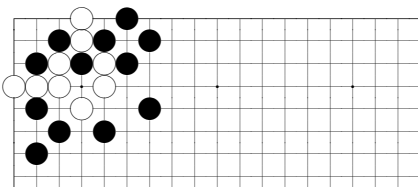
problem 626



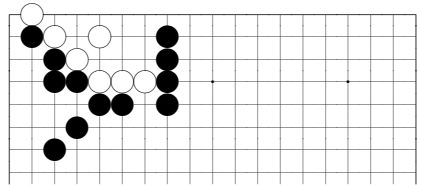
problem 622



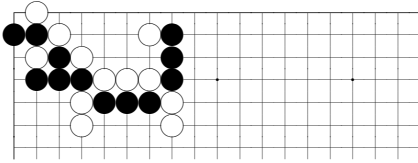
problem 627



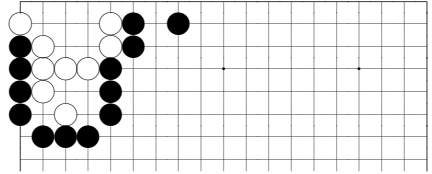
problem 623



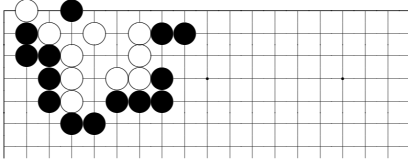
problem 628



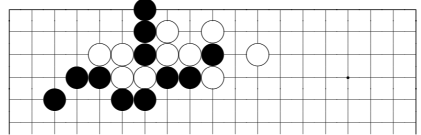
problem 629



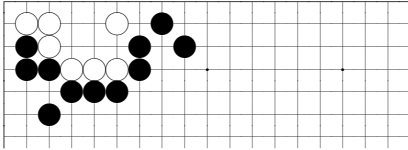
problem 634



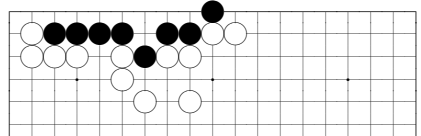
problem 630



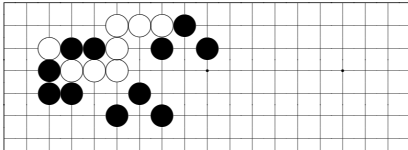
problem 635



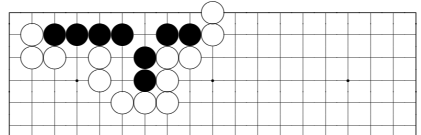
problem 631



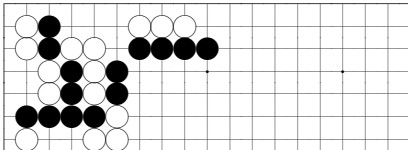
problem 636



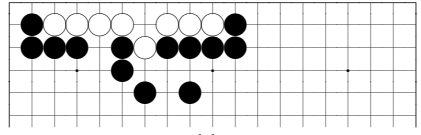
problem 632



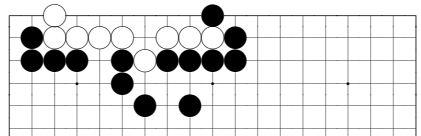
problem 637



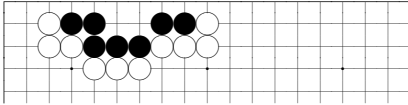
problem 633



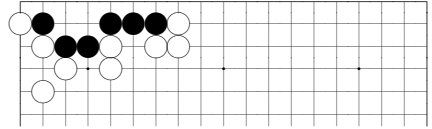
problem 638



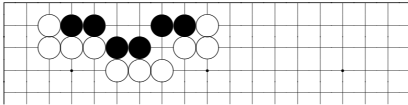
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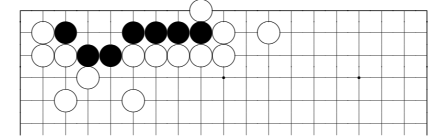
problem 640



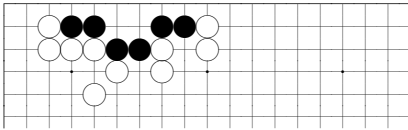
problem 647



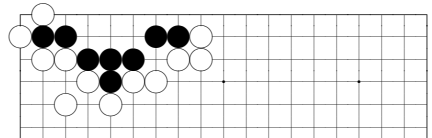
problem 641



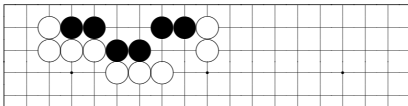
problem 648



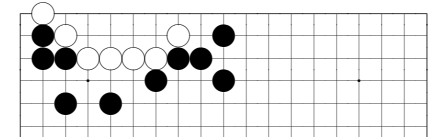
problem 642



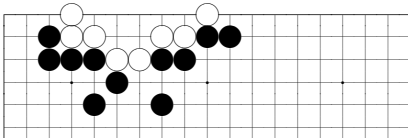
problem 649



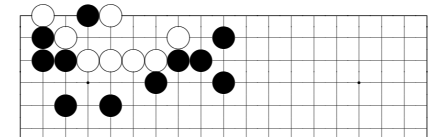
problem 643



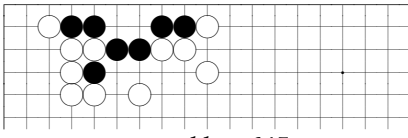
problem 650



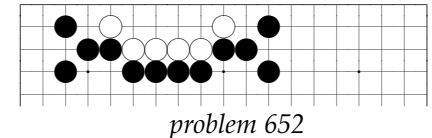
problem 644



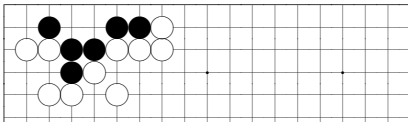
problem 651



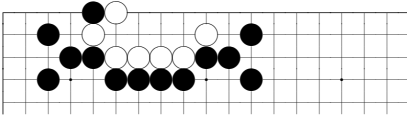
problem 645



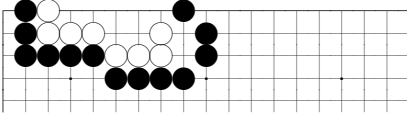
problem 652



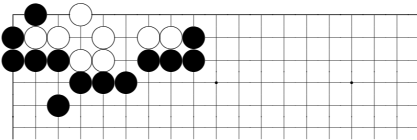
problem 646



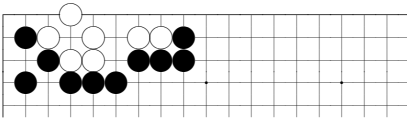
problem 653



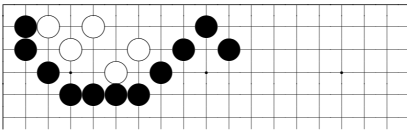
problem 654



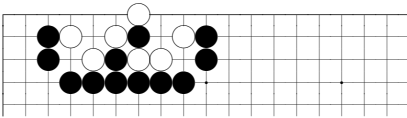
problem 655



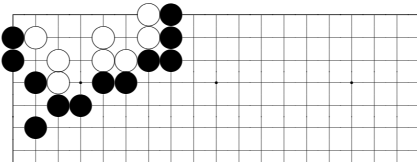
problem 656



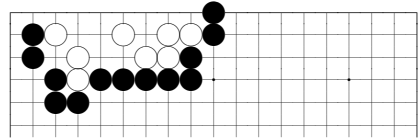
problem 657



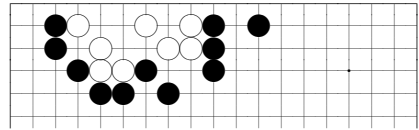
problem 658



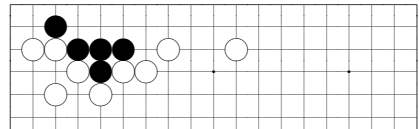
problem 659



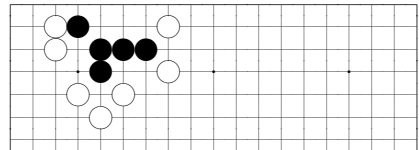
problem 660



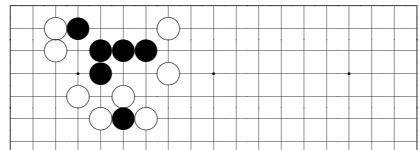
problem 661



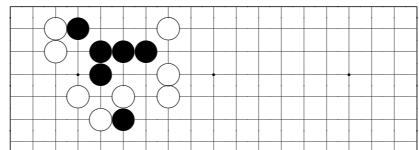
problem 662



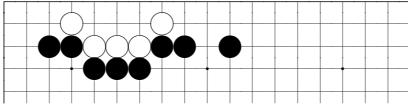
problem 663



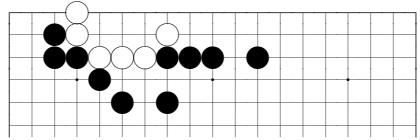
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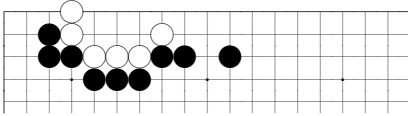
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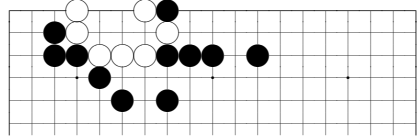
problem 666



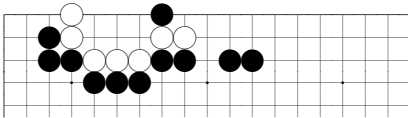
problem 673



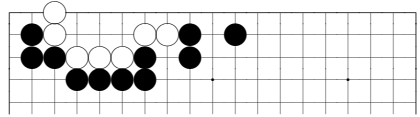
problem 667



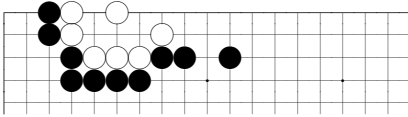
problem 674



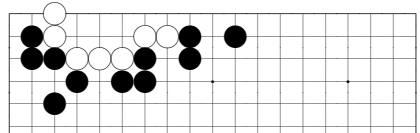
problem 668



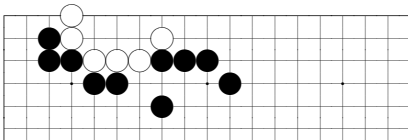
problem 675



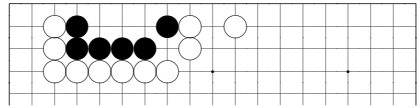
problem 669



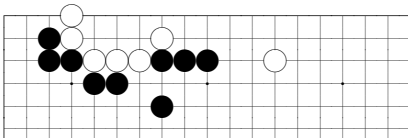
problem 676



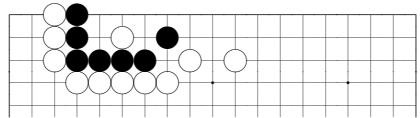
problem 670



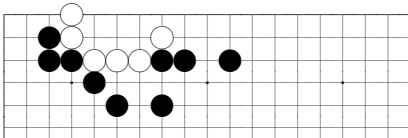
problem 677



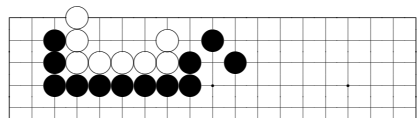
problem 671



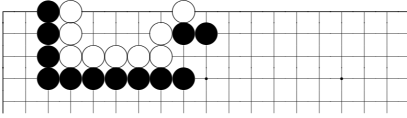
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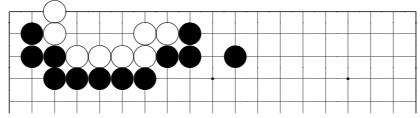
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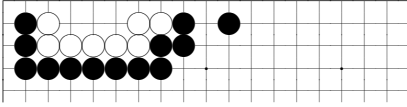
problem 679



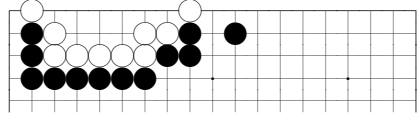
problem 680



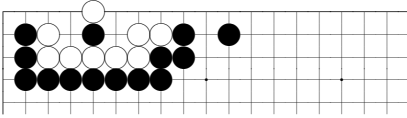
problem 687



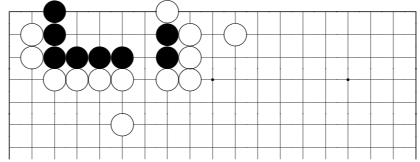
problem 681



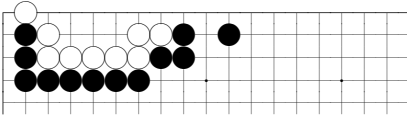
problem 688



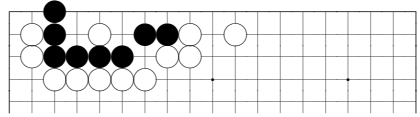
problem 682



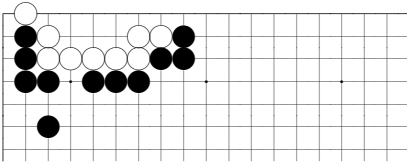
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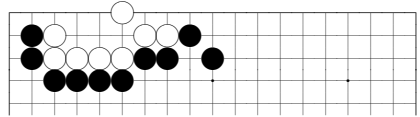
problem 683



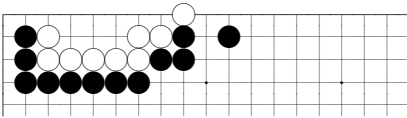
problem 690



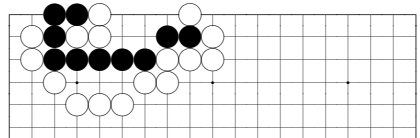
problem 684



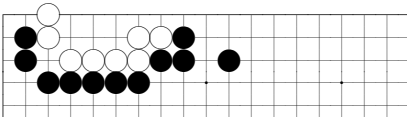
problem 691



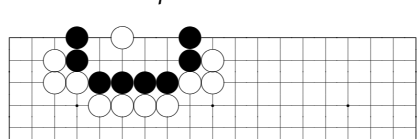
problem 685



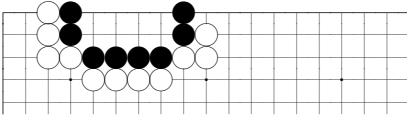
problem 692



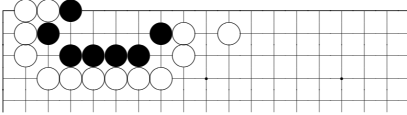
problem 686



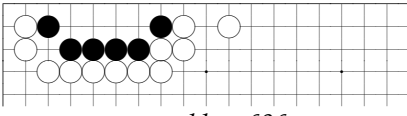
problem 693



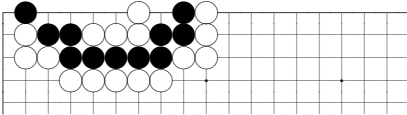
problem 694



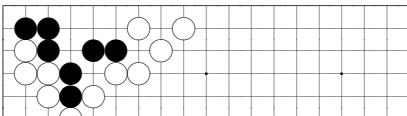
problem 695



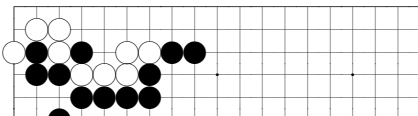
problem 696



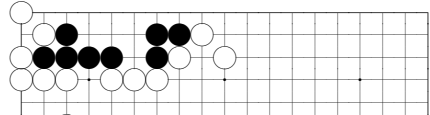
problem 697



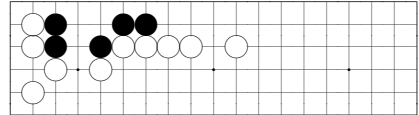
problem 698



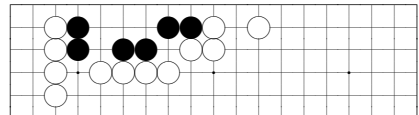
problem 699



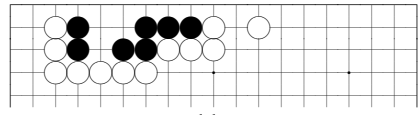
problem 700



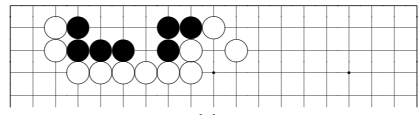
problem 701



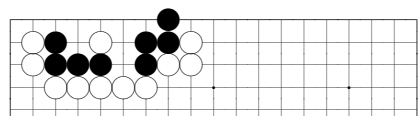
problem 702



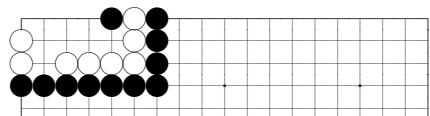
problem 703



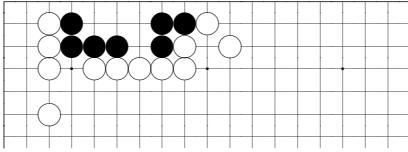
problem 704



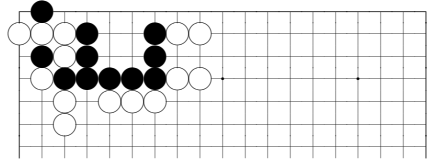
problem 705



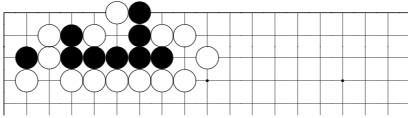
problem 706



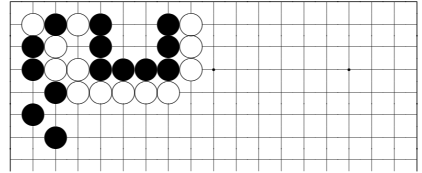
problem 707



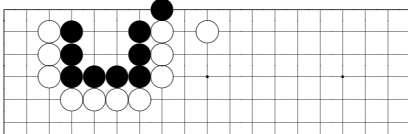
problem 713



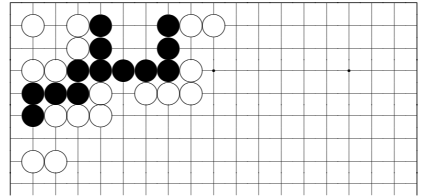
problem 708



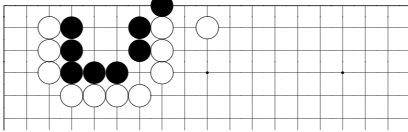
problem 714



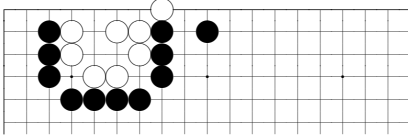
problem 709



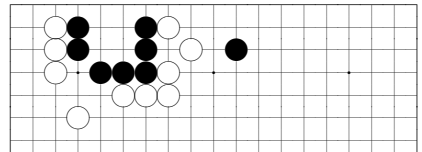
problem 715



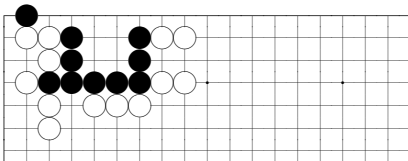
problem 710



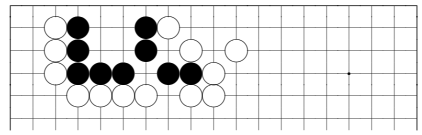
problem 711



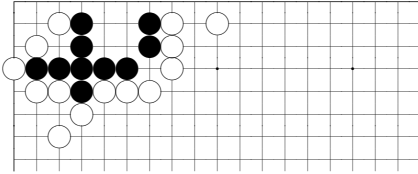
problem 716



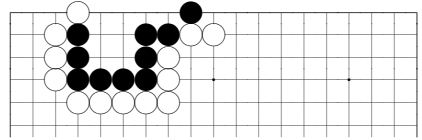
problem 712



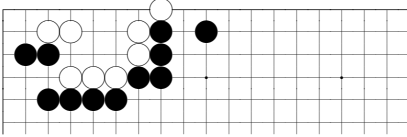
problem 717



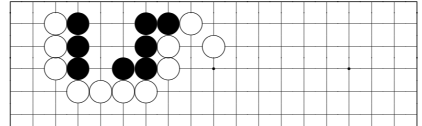
problem 718



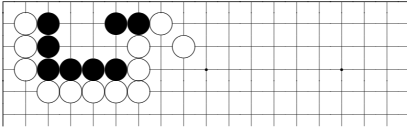
problem 724



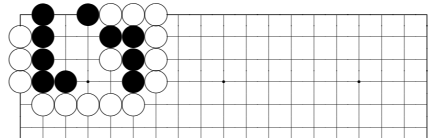
problem 719



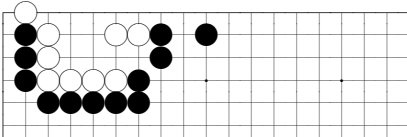
problem 725



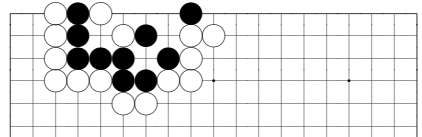
problem 720



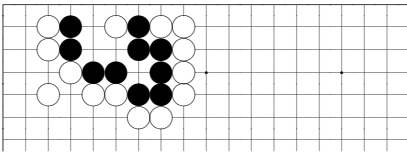
problem 726



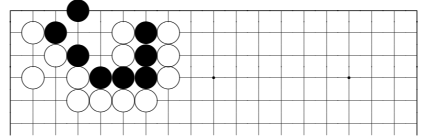
problem 721



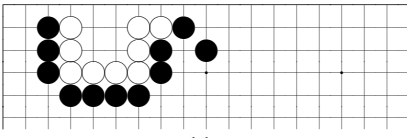
problem 727



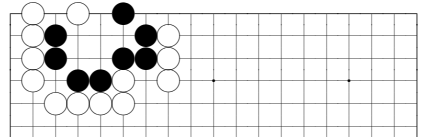
problem 722



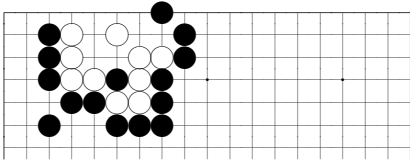
problem 728



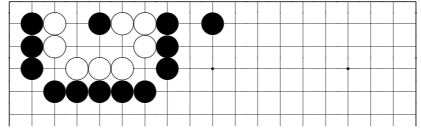
problem 723



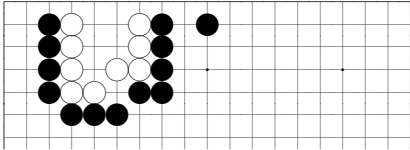
problem 729



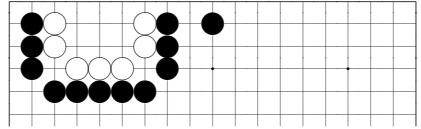
problem 730



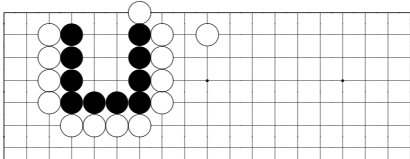
problem 736



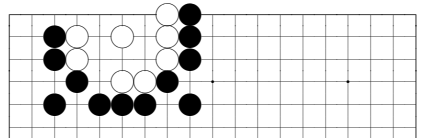
problem 731



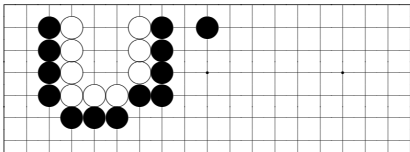
problem 737



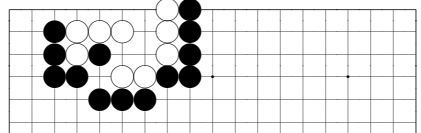
problem 732



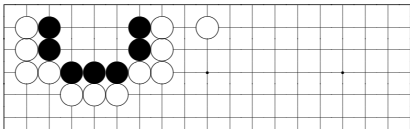
problem 738



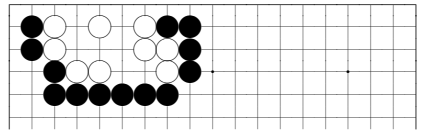
problem 733



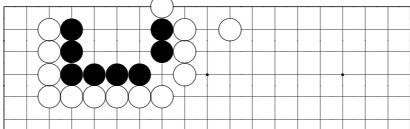
problem 739



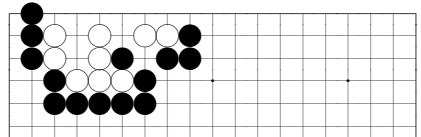
problem 734



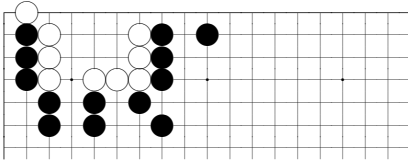
problem 740



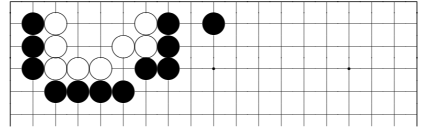
problem 735



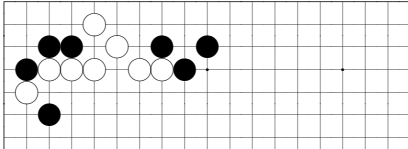
problem 741



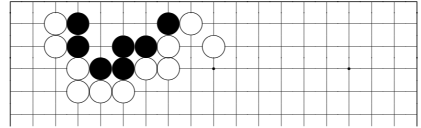
problem 742



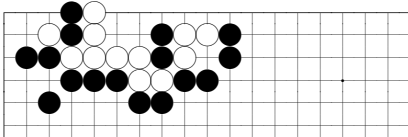
problem 748



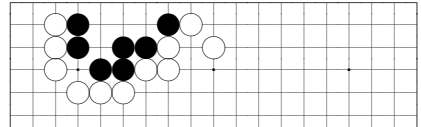
problem 743



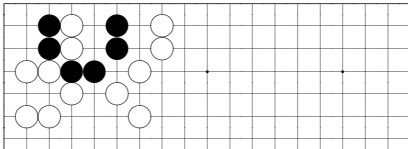
problem 749



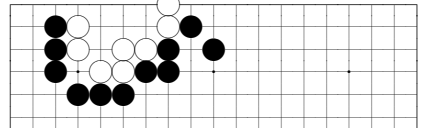
problem 744



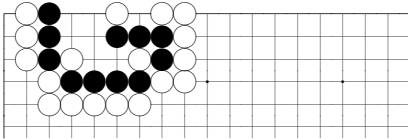
problem 750



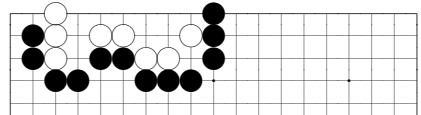
problem 745



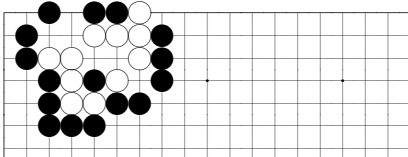
problem 751



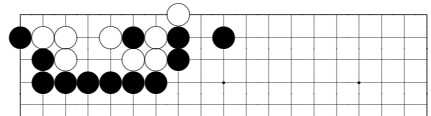
problem 746



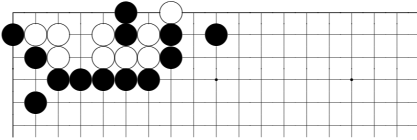
problem 752



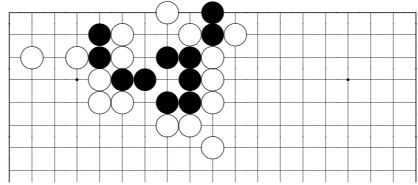
problem 747



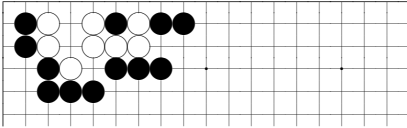
problem 753



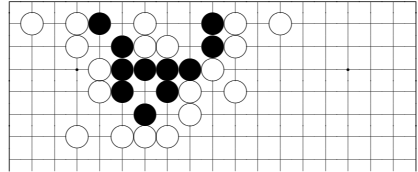
problem 754



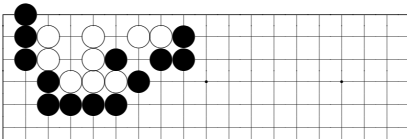
problem 760



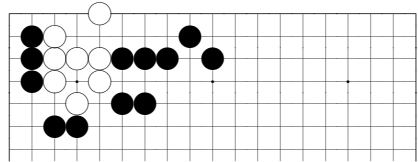
problem 755



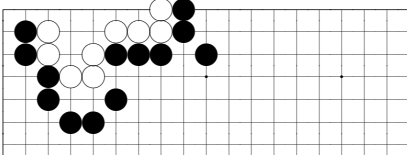
problem 761



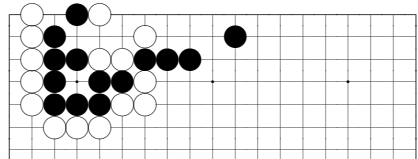
problem 756



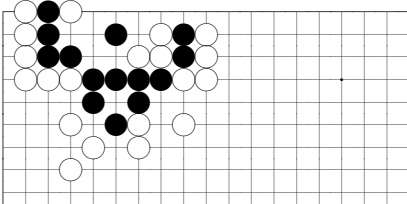
problem 762



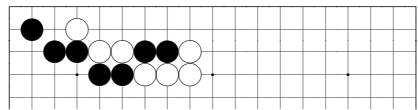
problem 757



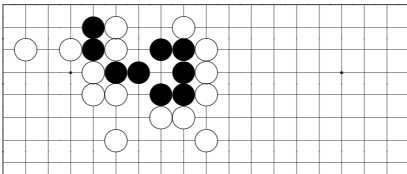
problem 763



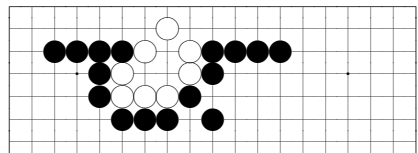
problem 758



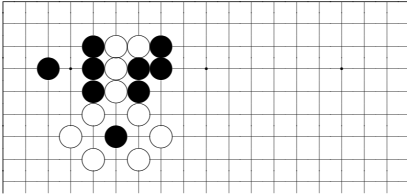
problem 764



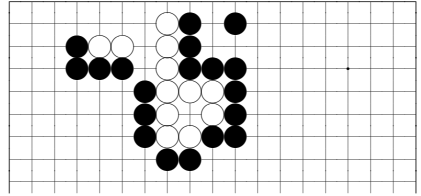
problem 759



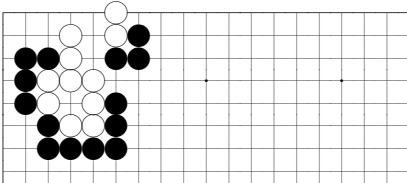
problem 765



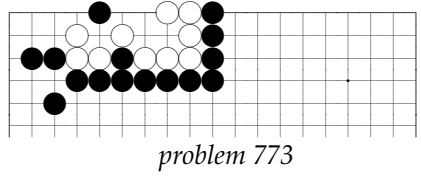
problem 766



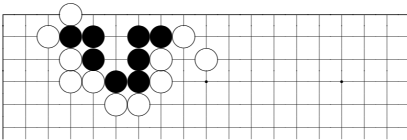
problem 772



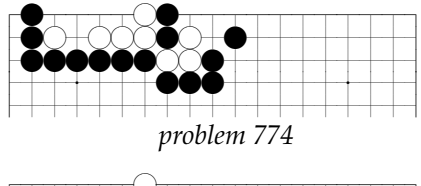
problem 767



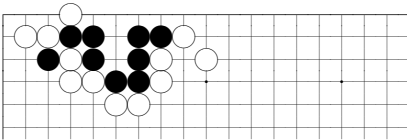
problem 773



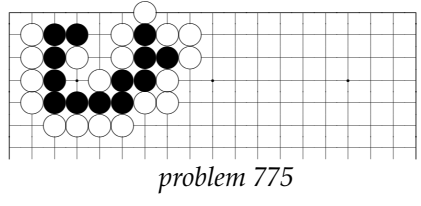
problem 768



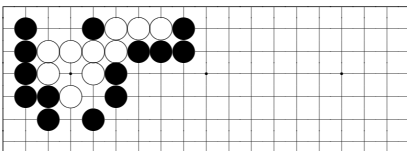
problem 774



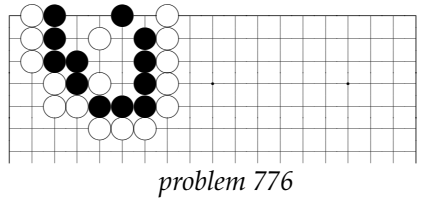
problem 769



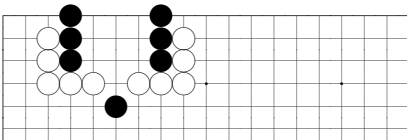
problem 775



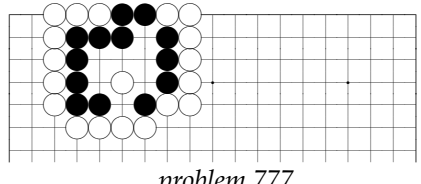
problem 770



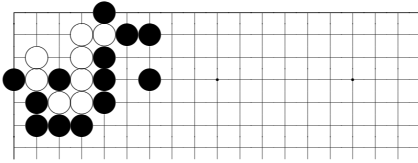
problem 776



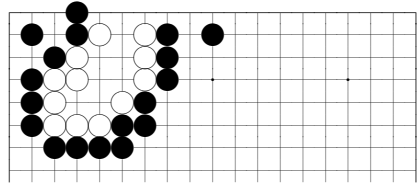
problem 771



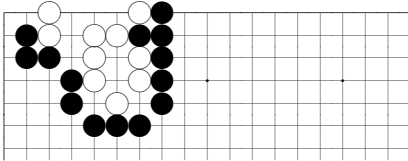
problem 777



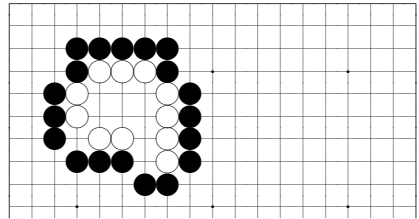
problem 778



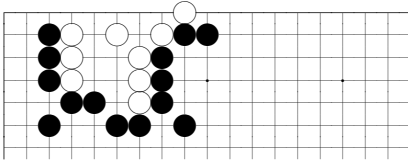
problem 783



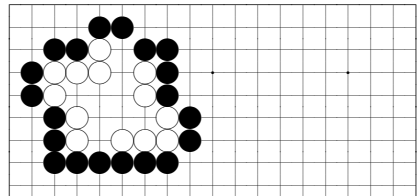
problem 779



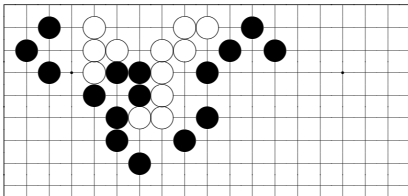
problem 784



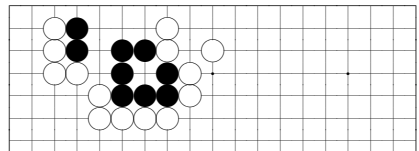
problem 780



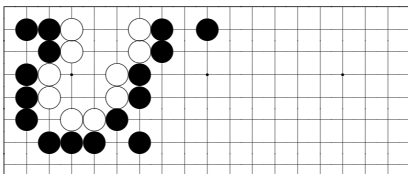
problem 785



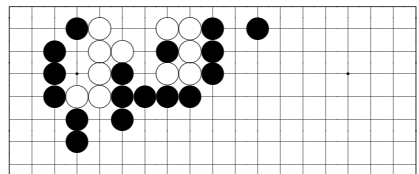
problem 781



problem 786



problem 782



problem 787

