

Cho Chikun's Encyclopedia of Life & Death

Part 1 — Elementary

Motto

"It is a matter of life and death, a road either to safety or to ruin.

Hence it is a subject of inquiry which can on no account be neglected."

— Sun Tzu: *The Art of War*

Preface

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

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

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

Vit 'tasuki' Brunner

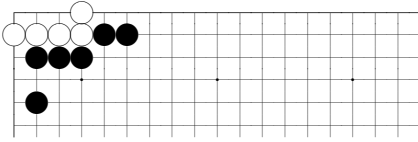
November 2004

Anniversary edition

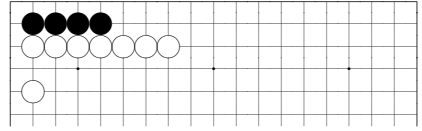
It's been 13 and a half years. This booklet has been downloaded over a hundred thousand times. I never imagined the reach it would have. The anniversary edition comes with a better layout and wording. And — glad you asked — some of the problems are still unsolvable!

Vit 'tasuki' Brunner

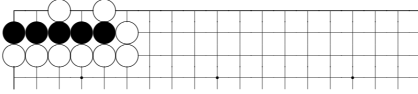
June 2018



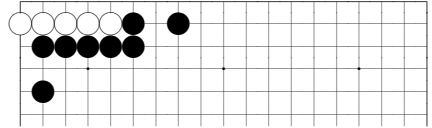
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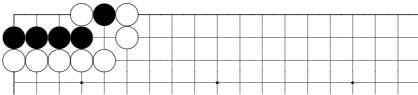
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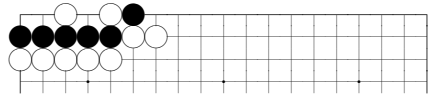
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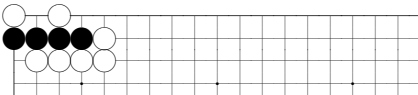
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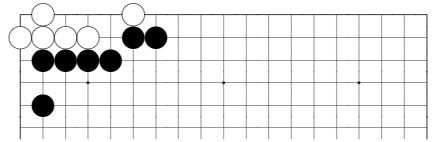
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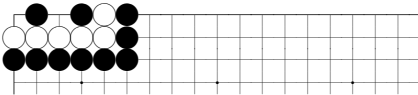
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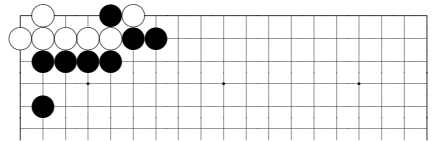
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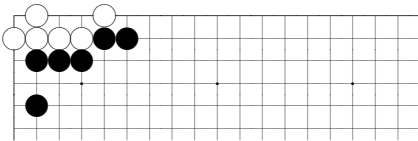
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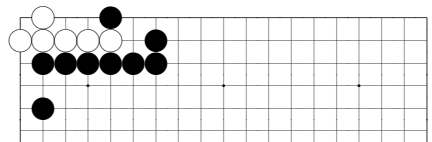
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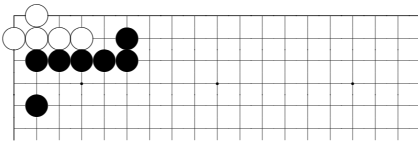
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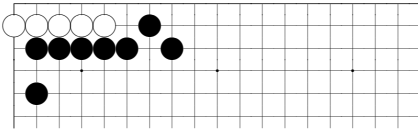
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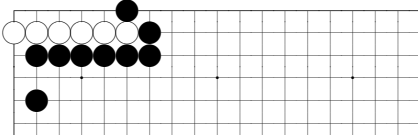
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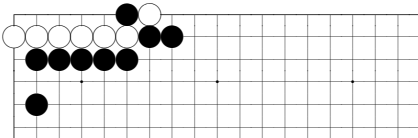
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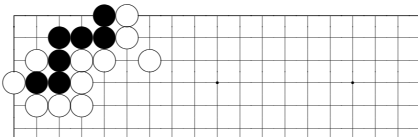
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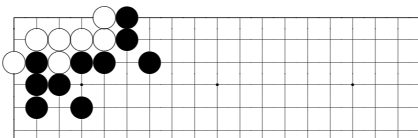
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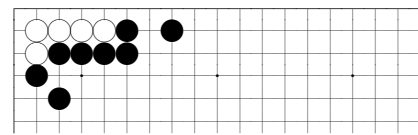
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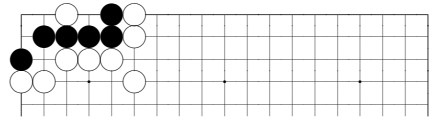
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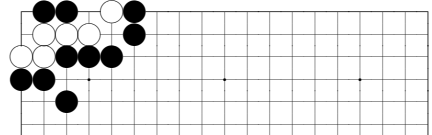
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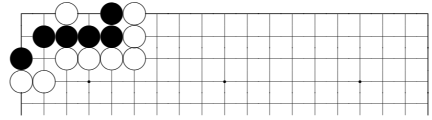
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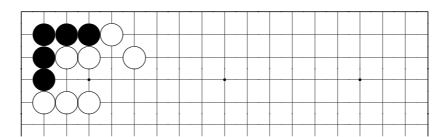
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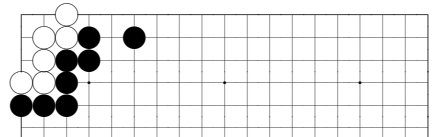
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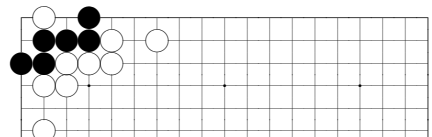
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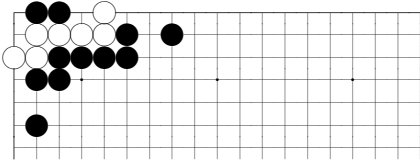
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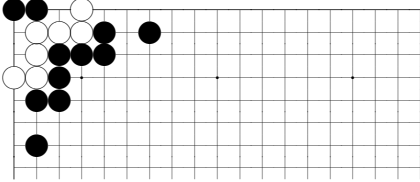
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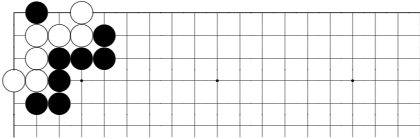
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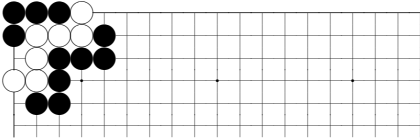
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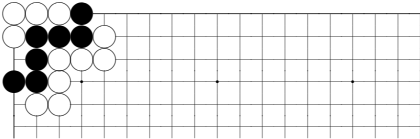
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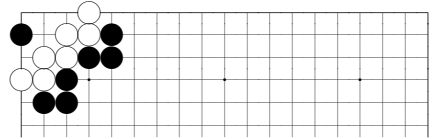
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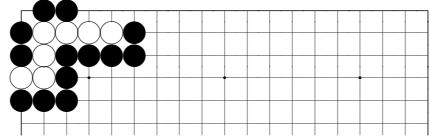
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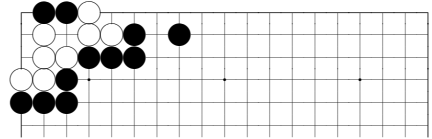
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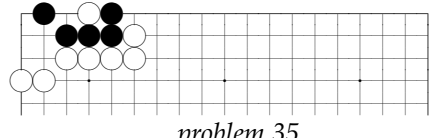
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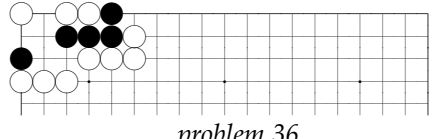
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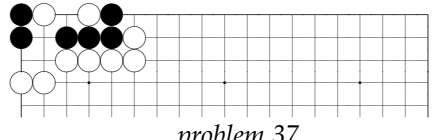
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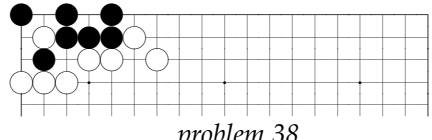
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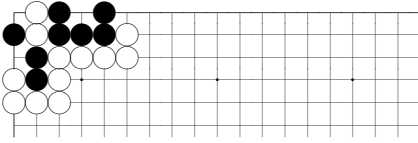
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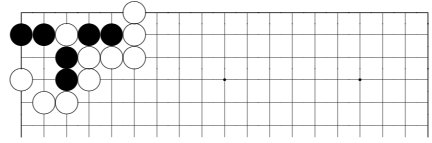
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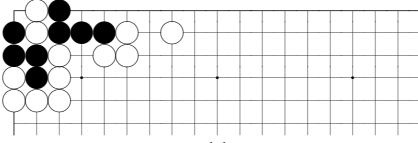
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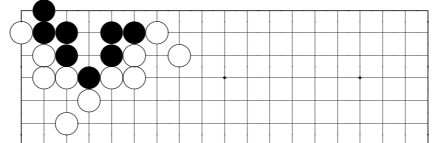
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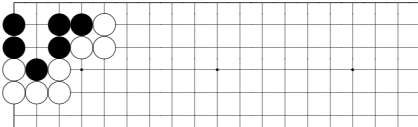
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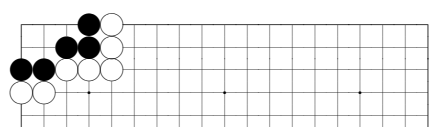
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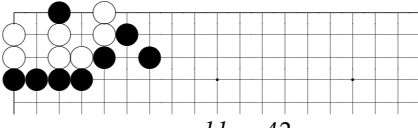
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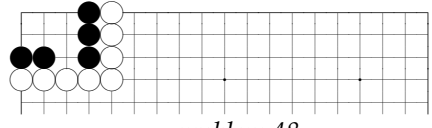
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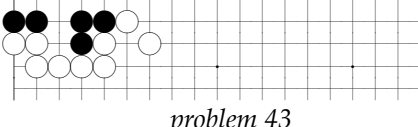
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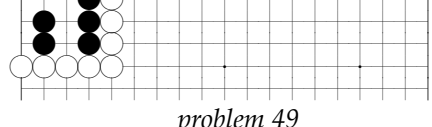
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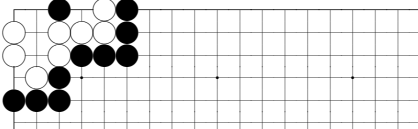
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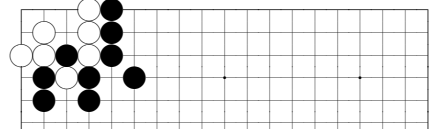
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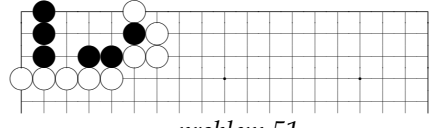
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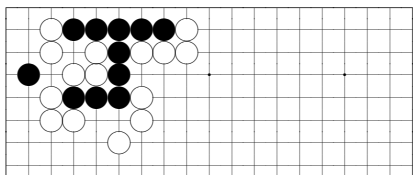
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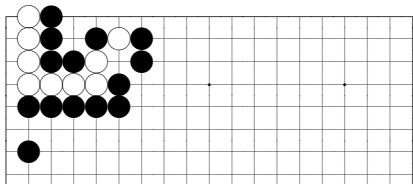
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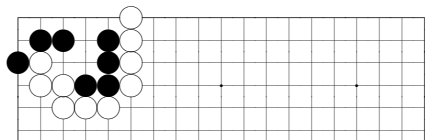
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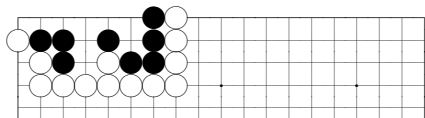
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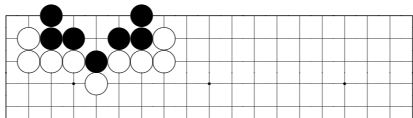
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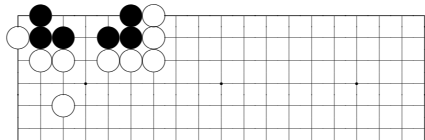
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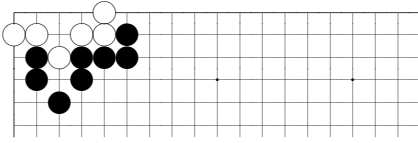


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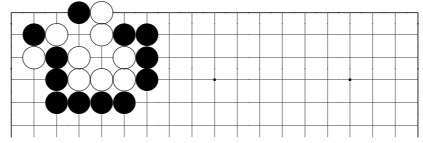


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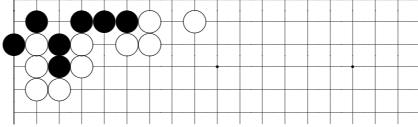




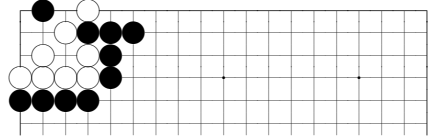
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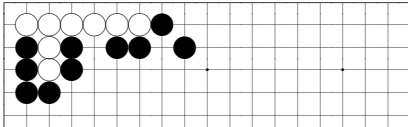
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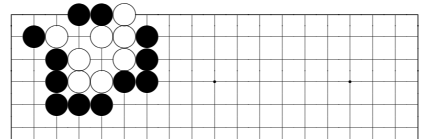
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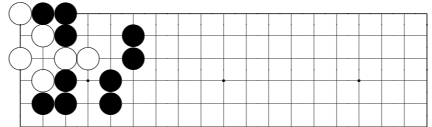
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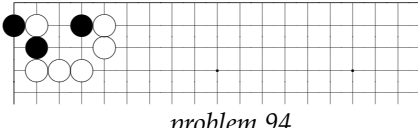
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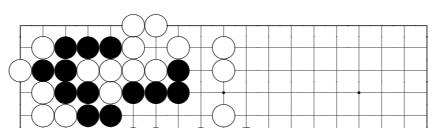
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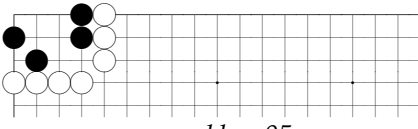
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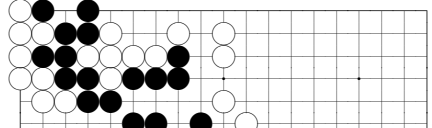
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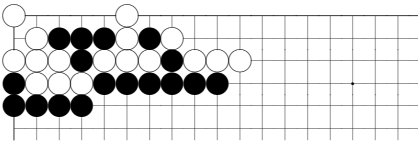
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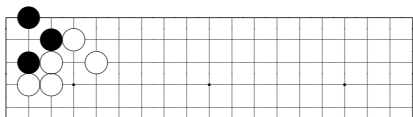
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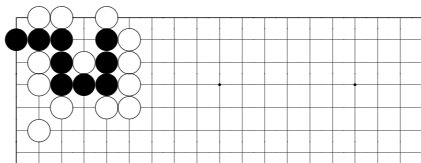
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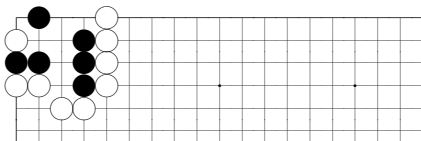
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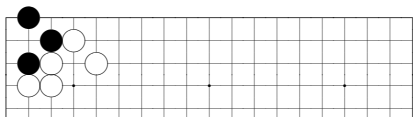
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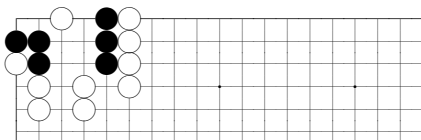
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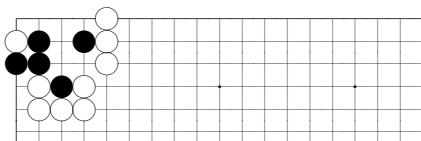
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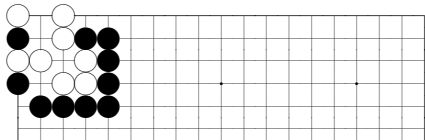
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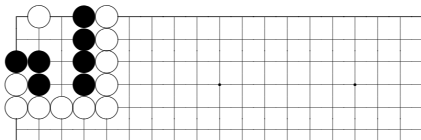
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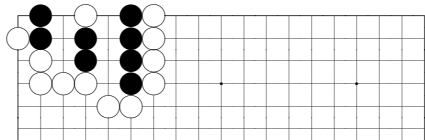
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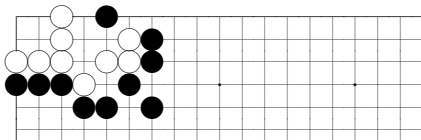
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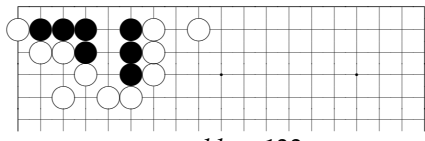
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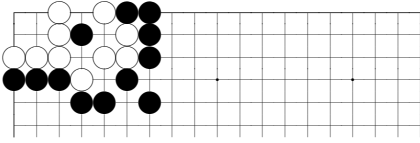
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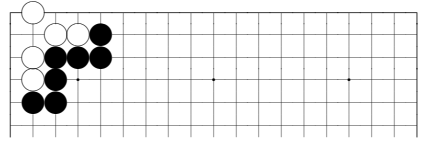
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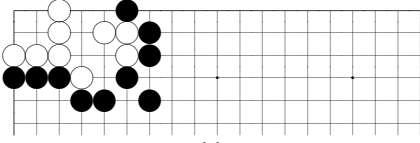
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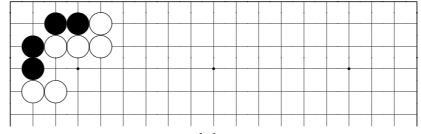
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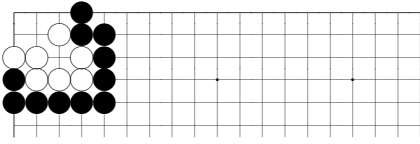
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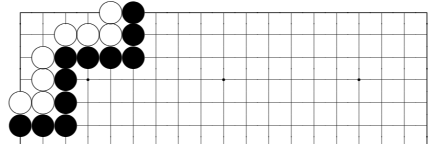
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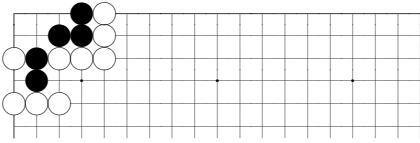
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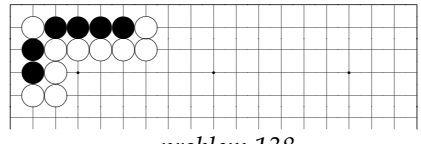
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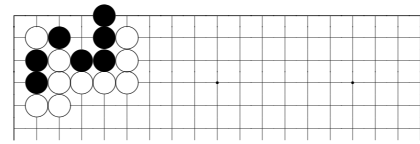
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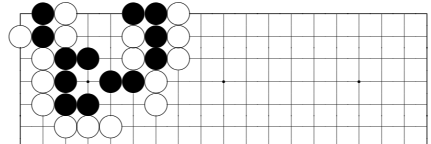
problem 132



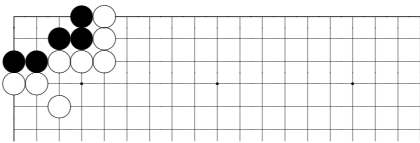
problem 138



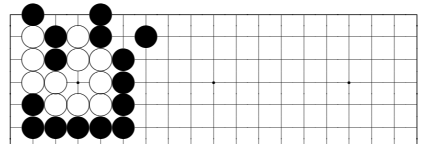
problem 133



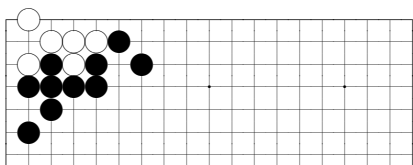
problem 139



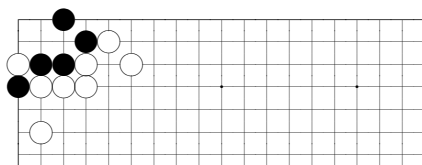
problem 134



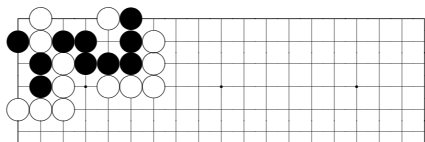
problem 140



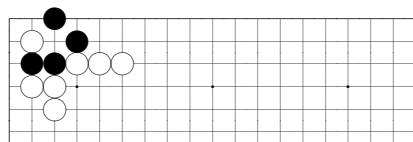
problem 141



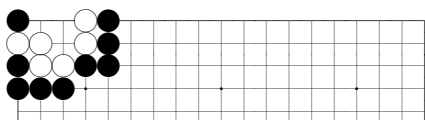
problem 148



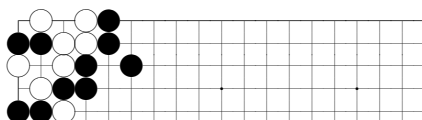
problem 142



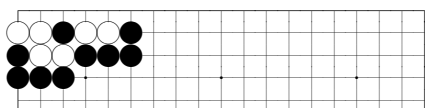
problem 149

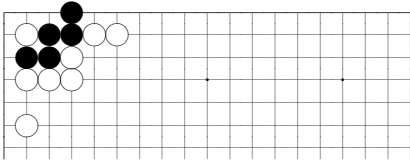


problem 143

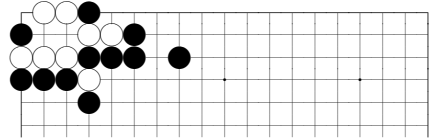


problem 150

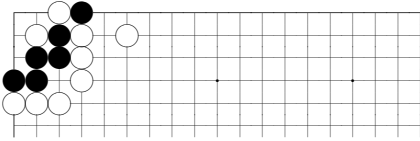




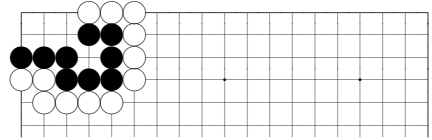
problem 154



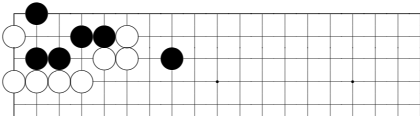
problem 161



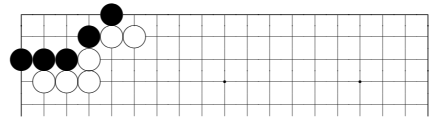
problem 155



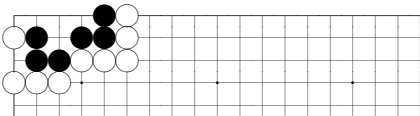
problem 162



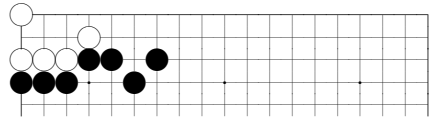
problem 156



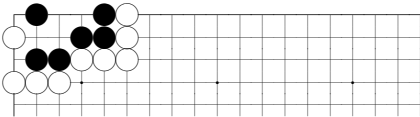
problem 163



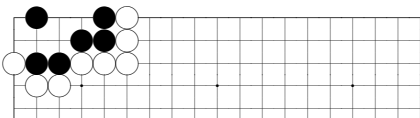
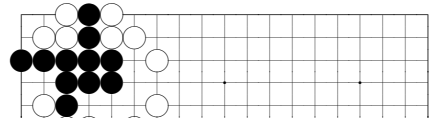
problem 157



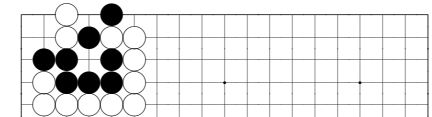
problem 164



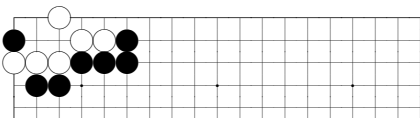
problem 158



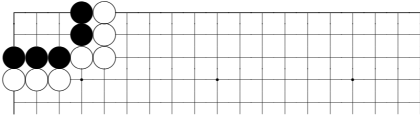
problem 159



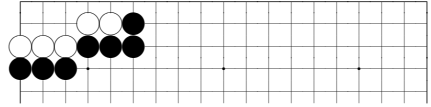
problem 166



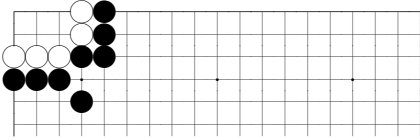
problem 160



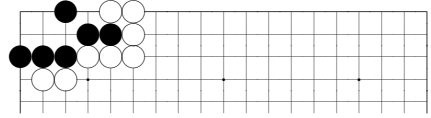
problem 167



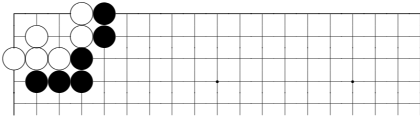
problem 174



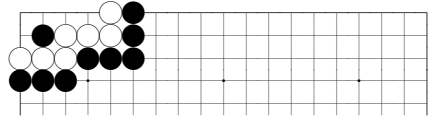
problem 168



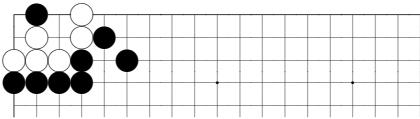
problem 175



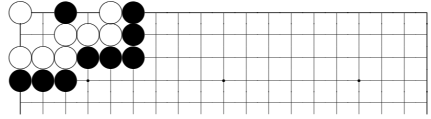
problem 169



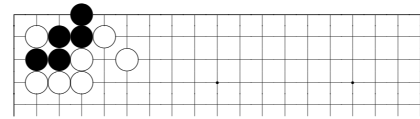
problem 176



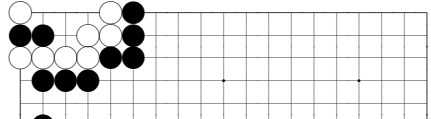
problem 170



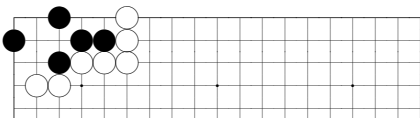
problem 177



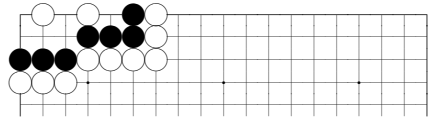
problem 171



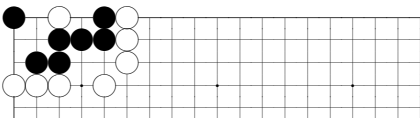
problem 178



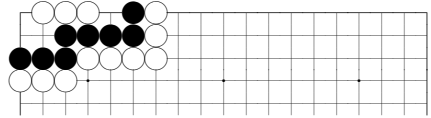
problem 172



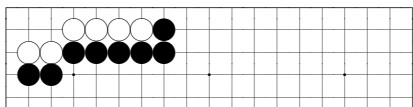
problem 179



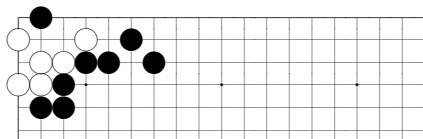
problem 173



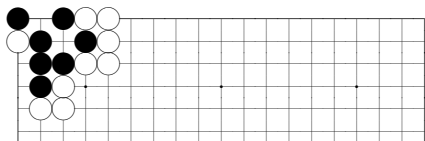
problem 180



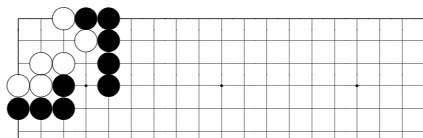
problem 181



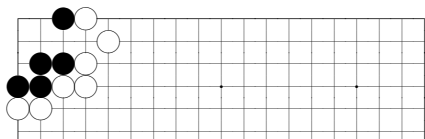
problem 187



problem 182



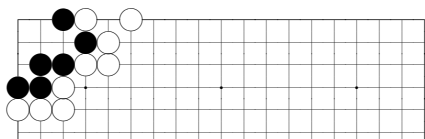
problem 188



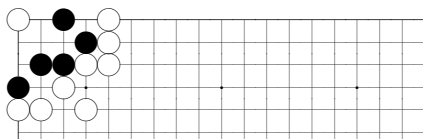
problem 183



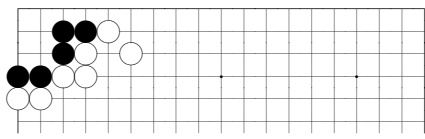
problem 189



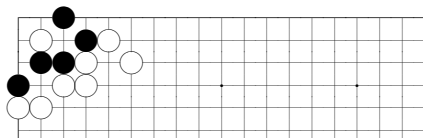
problem 184



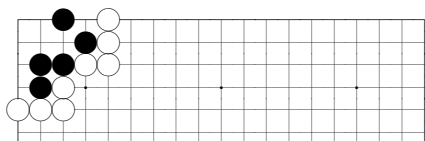
problem 190



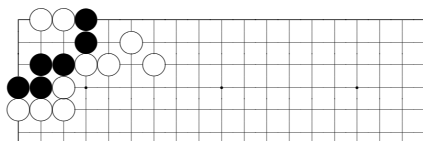
problem 185



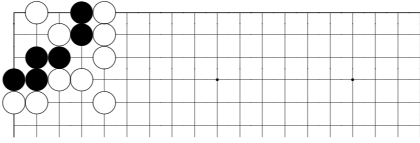
problem 191



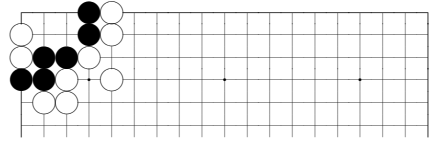
problem 186



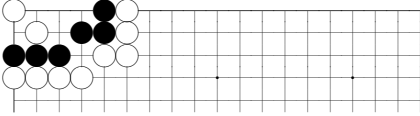
problem 192



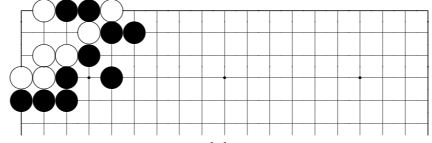
problem 193



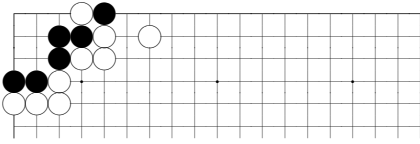
problem 199



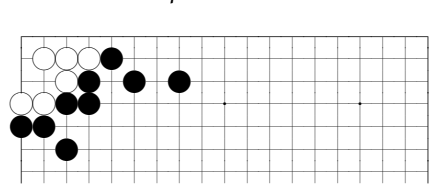
problem 194



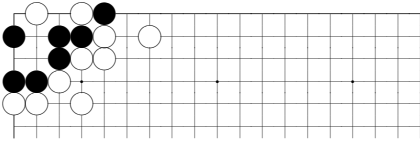
problem 200



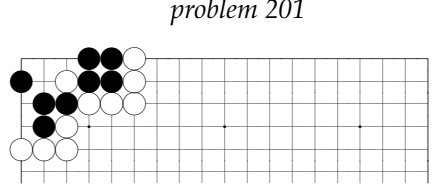
problem 195



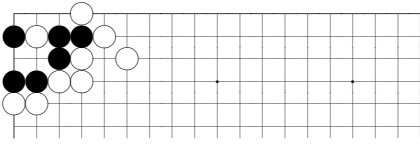
problem 201



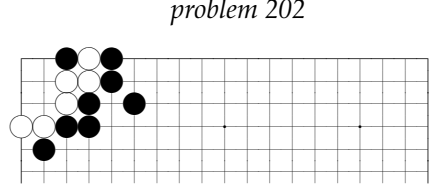
problem 196



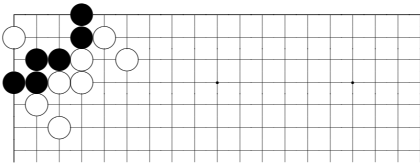
problem 202



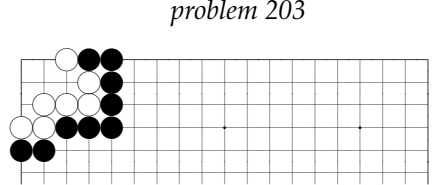
problem 197



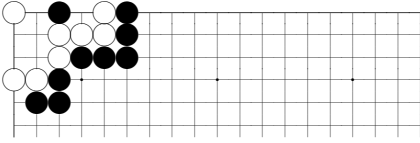
problem 203



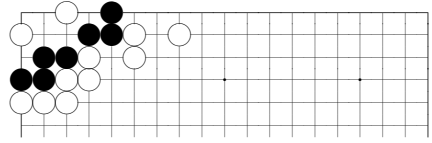
problem 198



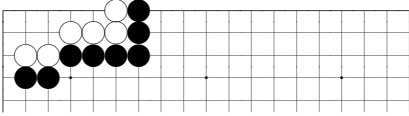
problem 204



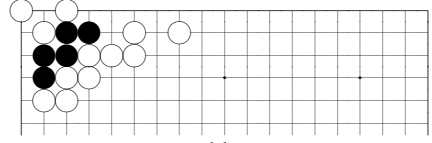
problem 205



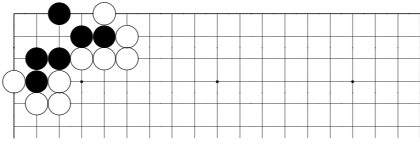
problem 211



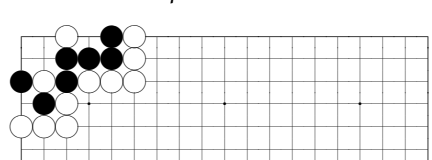
problem 206



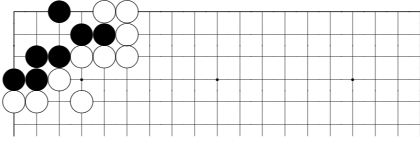
problem 212



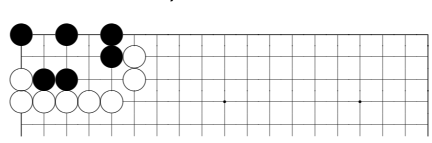
problem 207



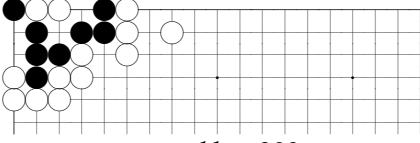
problem 213



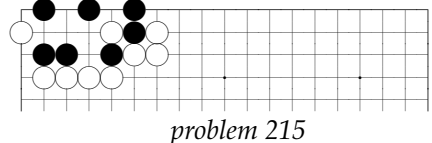
problem 208



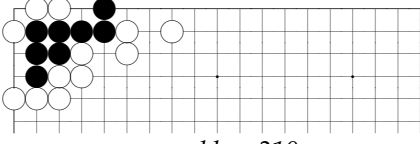
problem 214



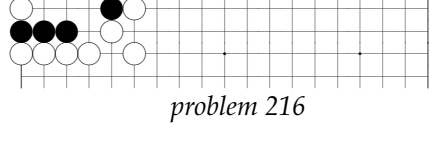
problem 209



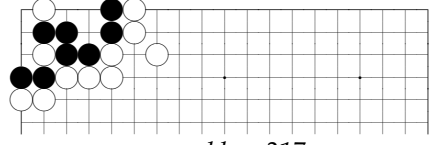
problem 215



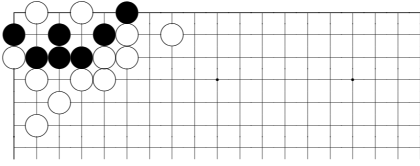
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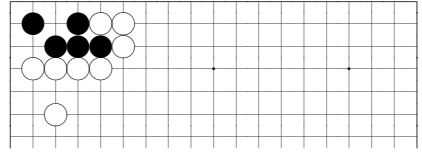
problem 216



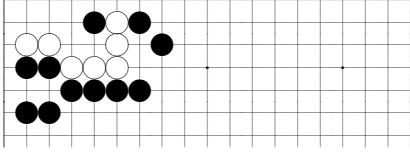
problem 217



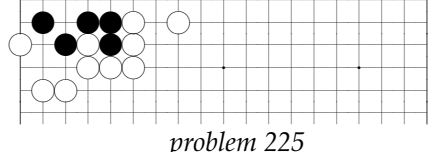
problem 218



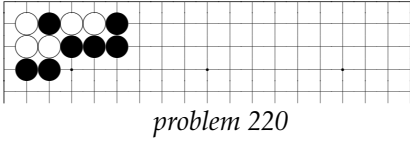
problem 224



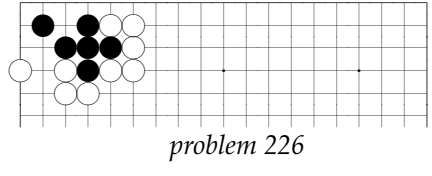
problem 219



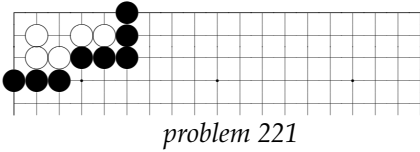
problem 225



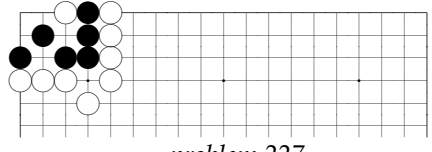
problem 220



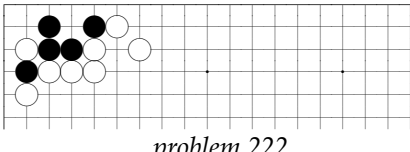
problem 226



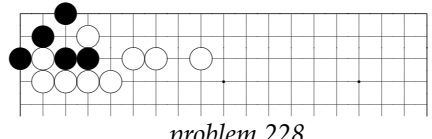
problem 221



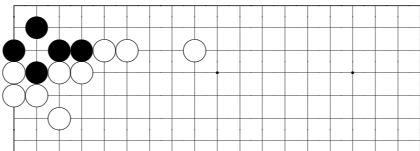
problem 227



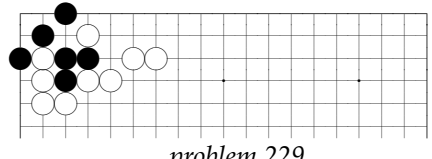
problem 222



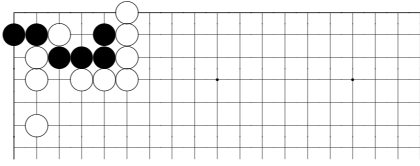
problem 228



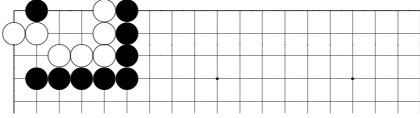
problem 223



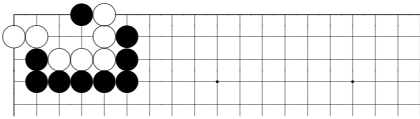
problem 229



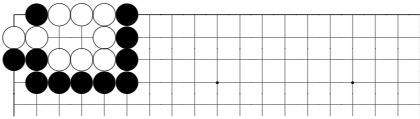
problem 243



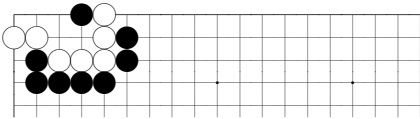
problem 244



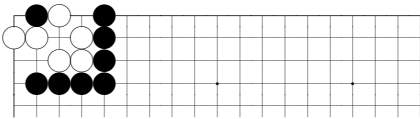
problem 245



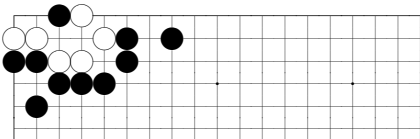
problem 246



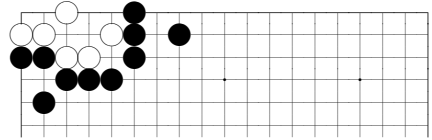
problem 247



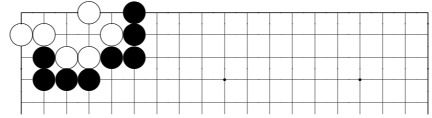
problem 248



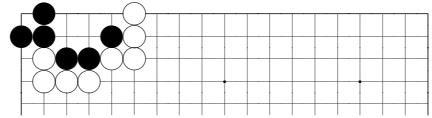
problem 249



problem 250



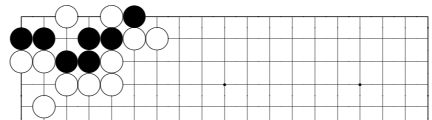
problem 251



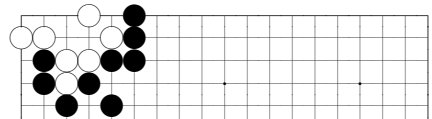
problem 252



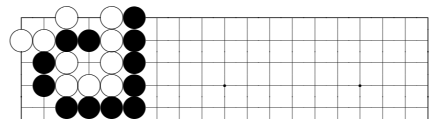
problem 253



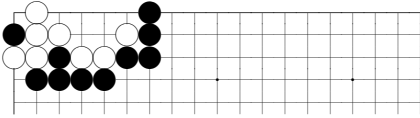
problem 254



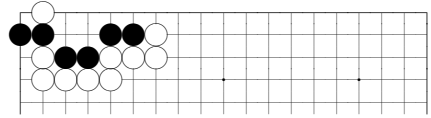
problem 255



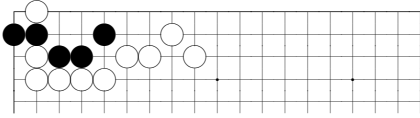
problem 256



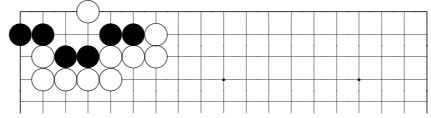
problem 257



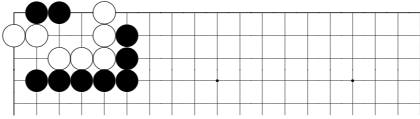
problem 264



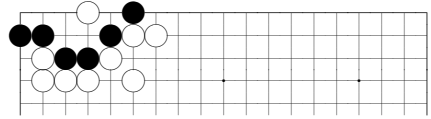
problem 258



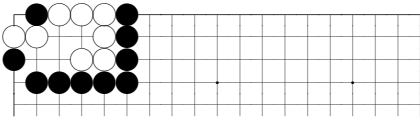
problem 265



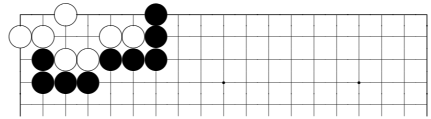
problem 259



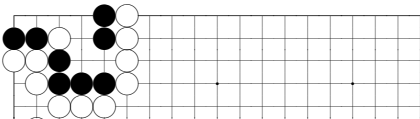
problem 266



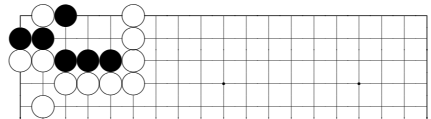
problem 260



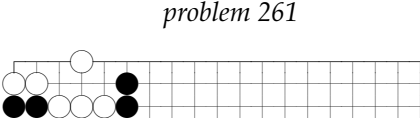
problem 267



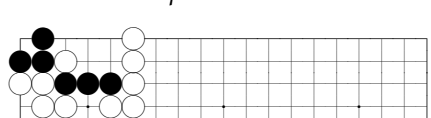
problem 261



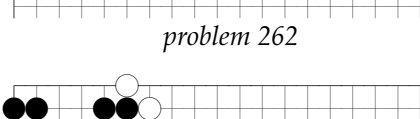
problem 268



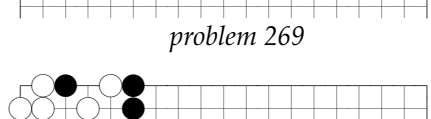
problem 262

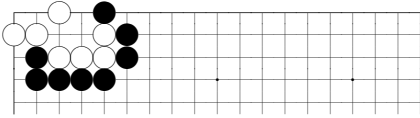


problem 269

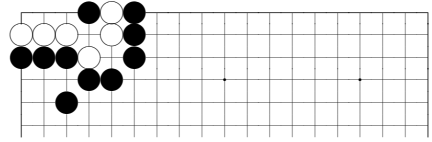


problem 263

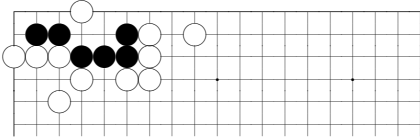




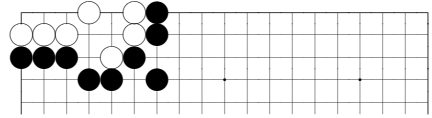
problem 271



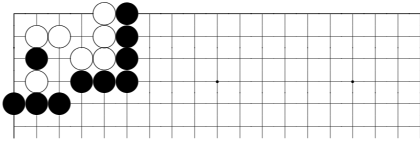
problem 278



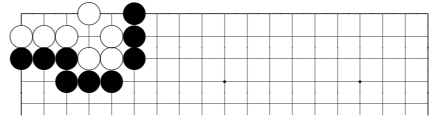
problem 272



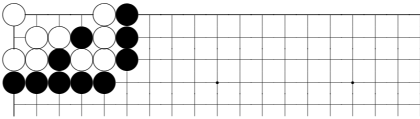
problem 279



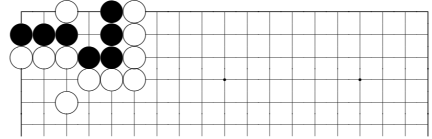
problem 273



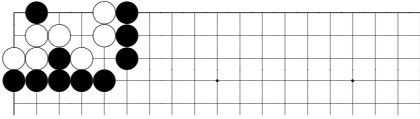
problem 280



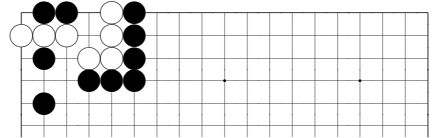
problem 274

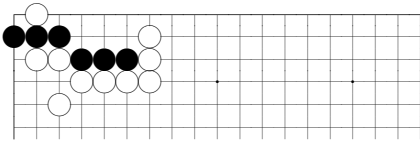


problem 281

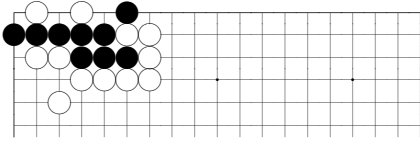


problem 275

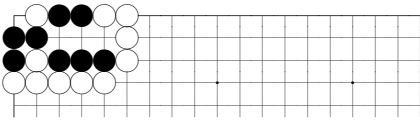




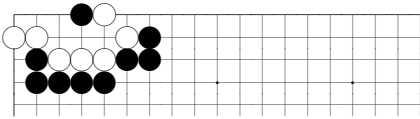
problem 285



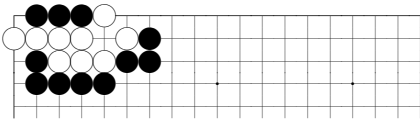
problem 286



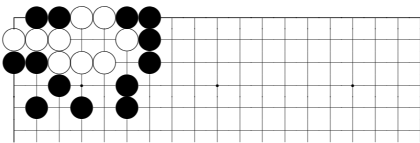
problem 287



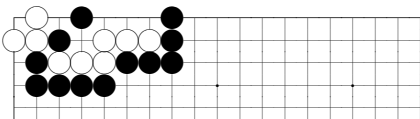
problem 288



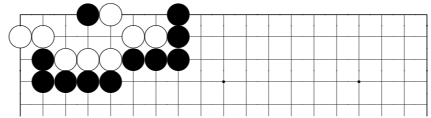
problem 289



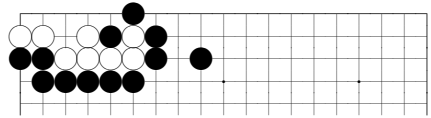
problem 290



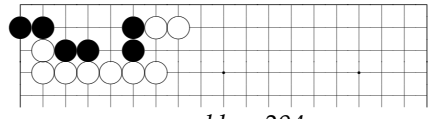
problem 291



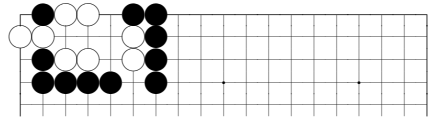
problem 292



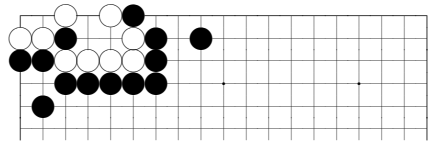
problem 293



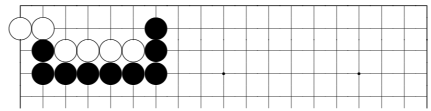
problem 294



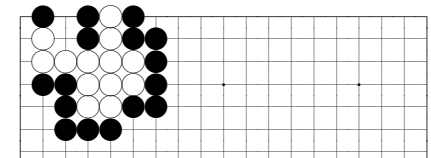
problem 295



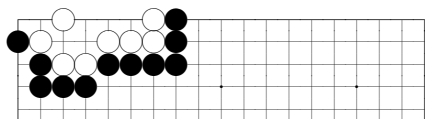
problem 296



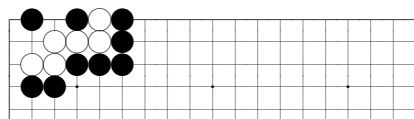
problem 297



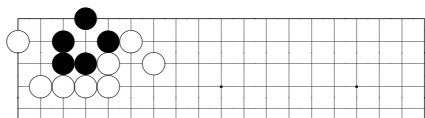
problem 298



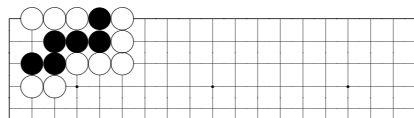
problem 299



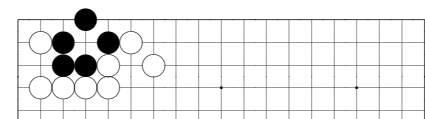
problem 306



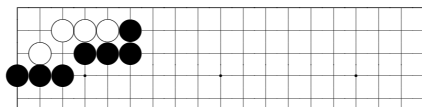
problem 300



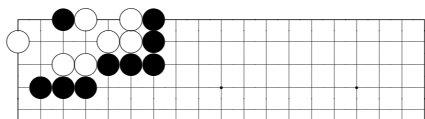
problem 307



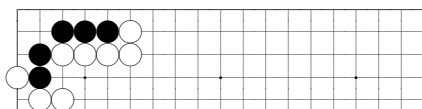
problem 301



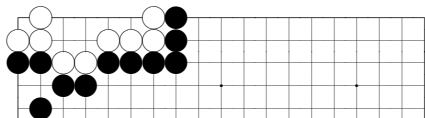
problem 308



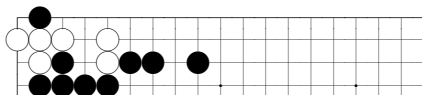
problem 302



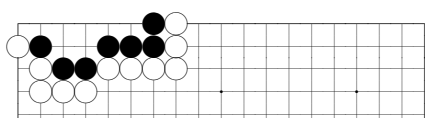
problem 309



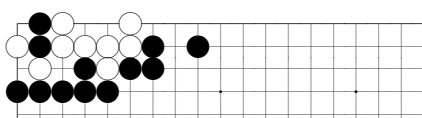
problem 303



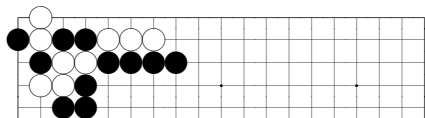
problem 310



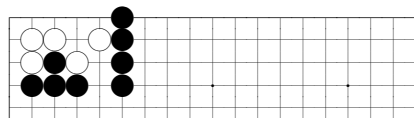
problem 304



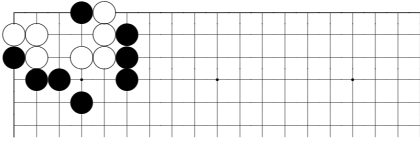
problem 311



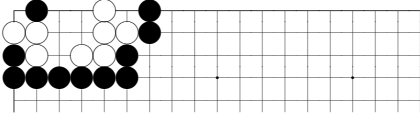
problem 305



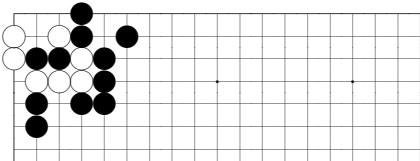
problem 312



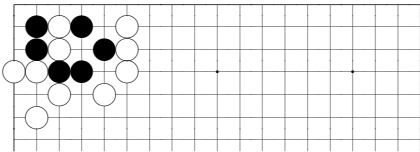
problem 313



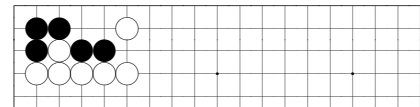
problem 314



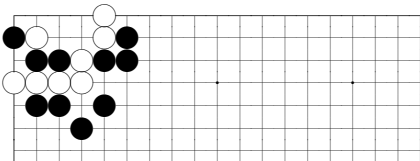
problem 315



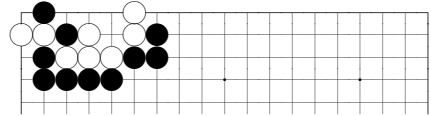
problem 316



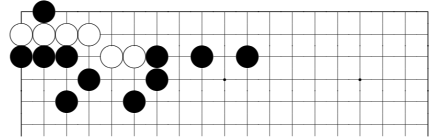
problem 317



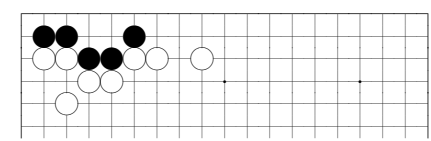
problem 318

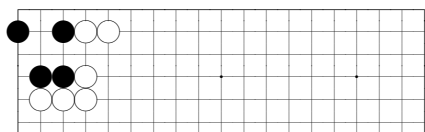


problem 319

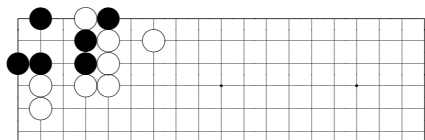


problem 320

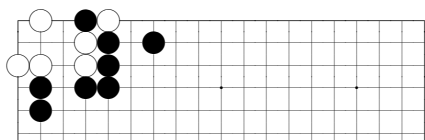




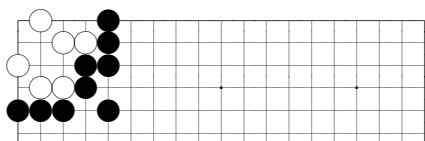
problem 325



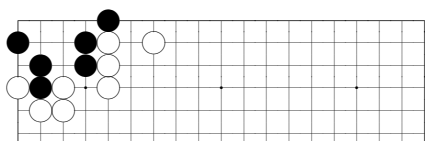
problem 326



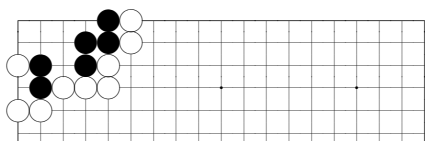
problem 327



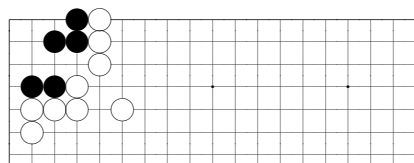
problem 328



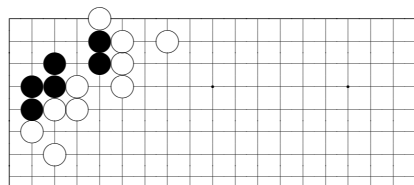
problem 329



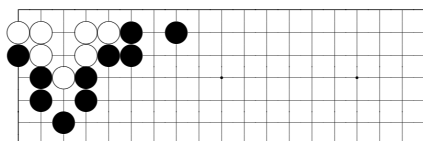
problem 330



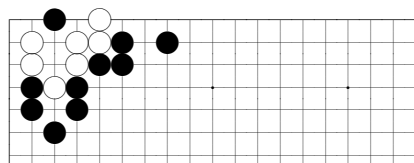
problem 331



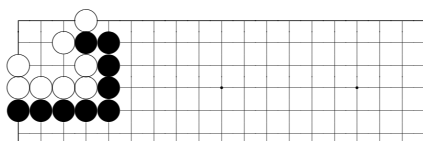
problem 332



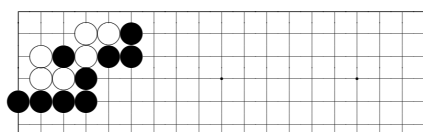
problem 333



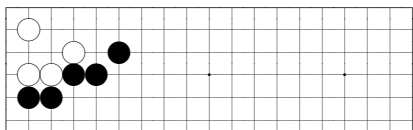
problem 334



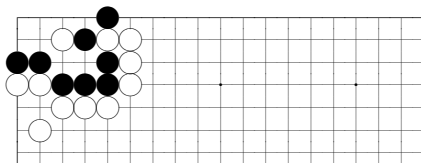
problem 335



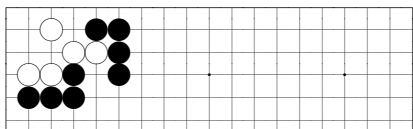
problem 336



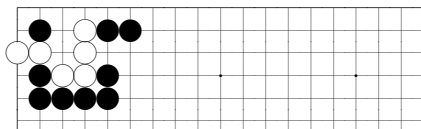
problem 337



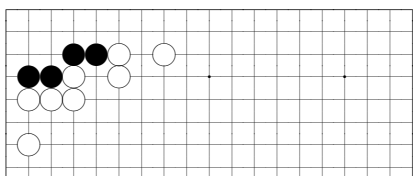
problem 343



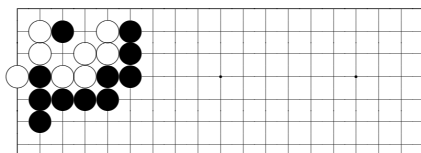
problem 338



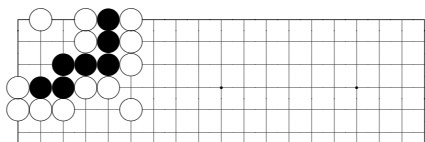
problem 344



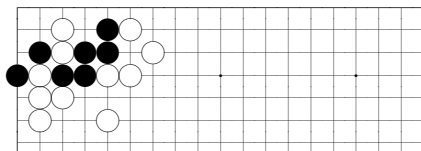
problem 339



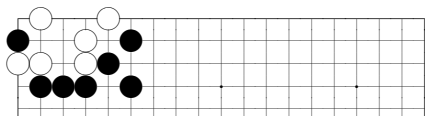
problem 345



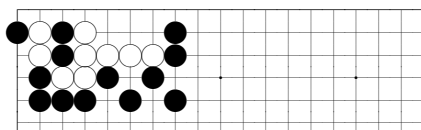
problem 340



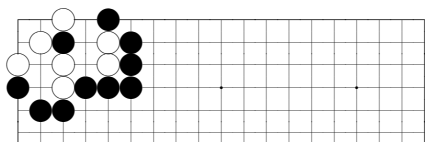
problem 346



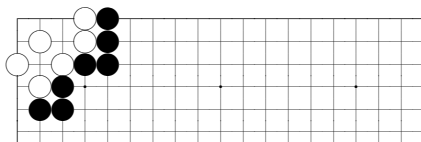
problem 341



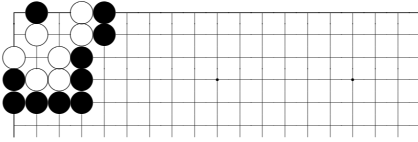
problem 347



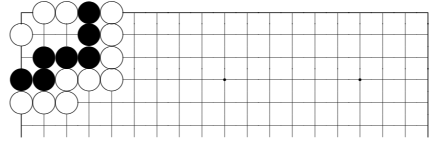
problem 342



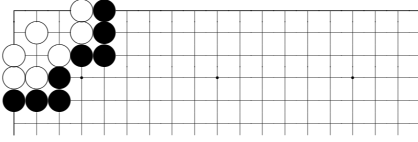
problem 348



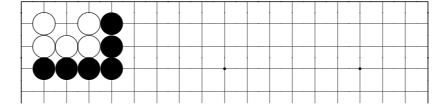
problem 349



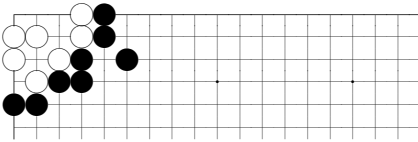
problem 355



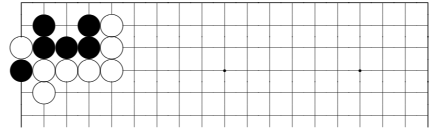
problem 350



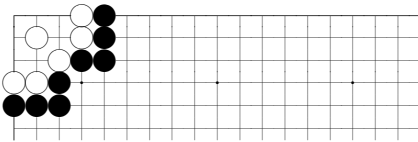
problem 356



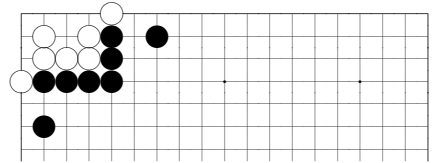
problem 351



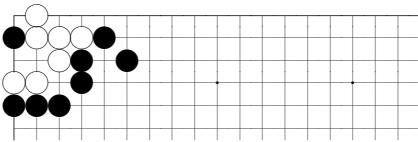
problem 357



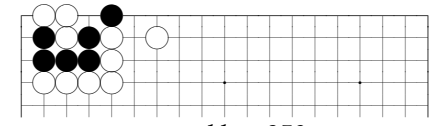
problem 352



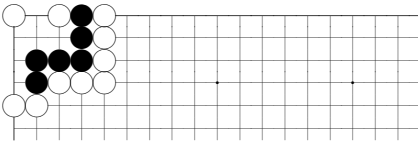
problem 358



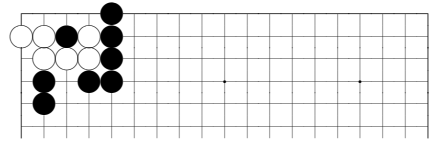
problem 353



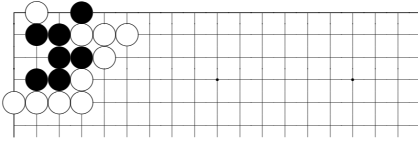
problem 359



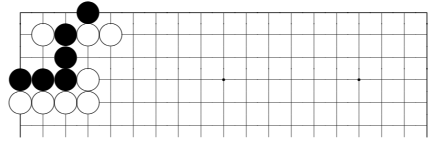
problem 354



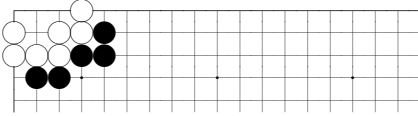
problem 360



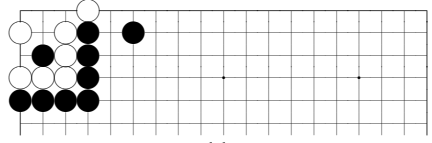
problem 361



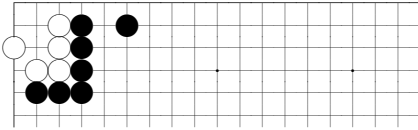
problem 368



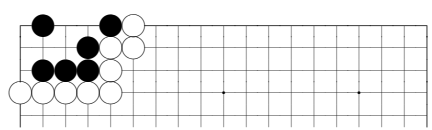
problem 362



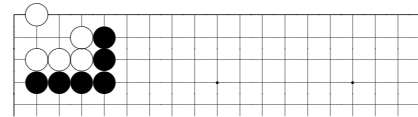
problem 369



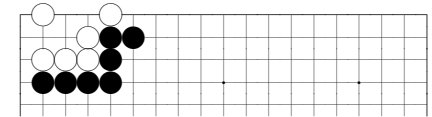
problem 363



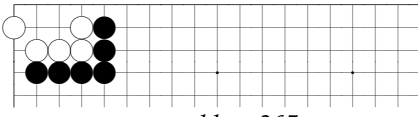
problem 370



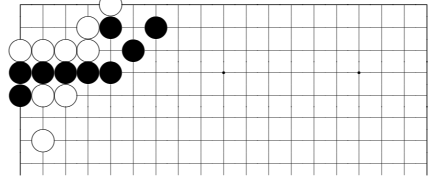
problem 364



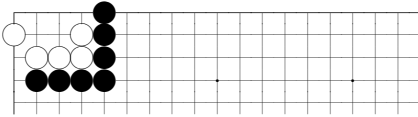
problem 371



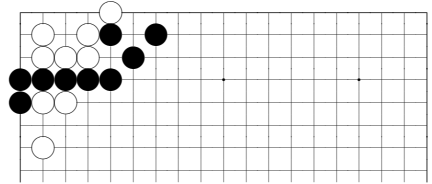
problem 365



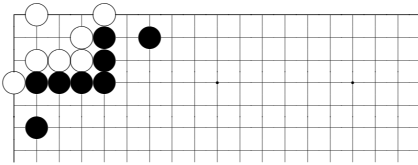
problem 372



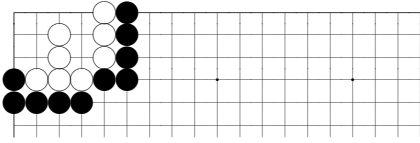
problem 366



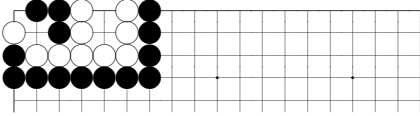
problem 373



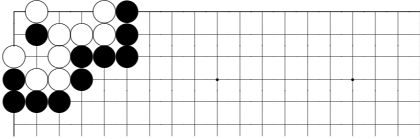
problem 367



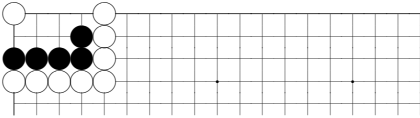
problem 387



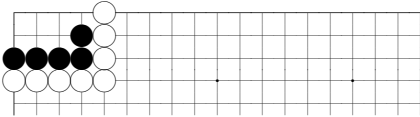
problem 388



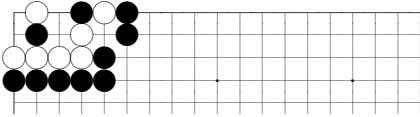
problem 389

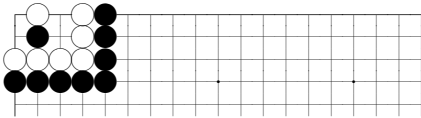


problem 390

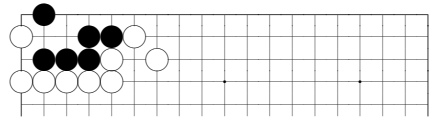


problem 391

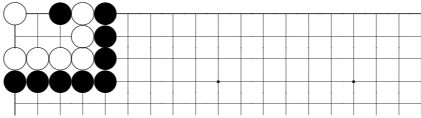




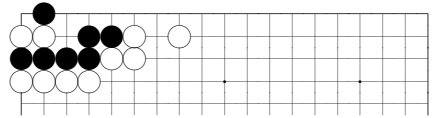
problem 401



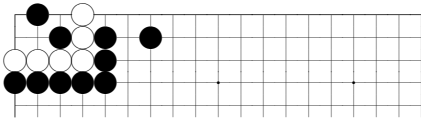
problem 407



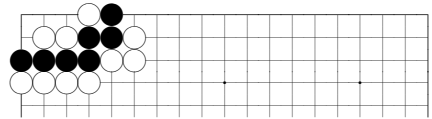
problem 402



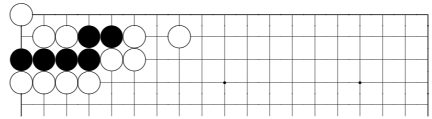
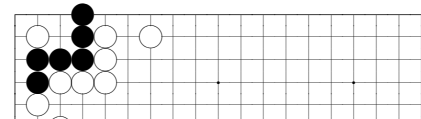
problem 408



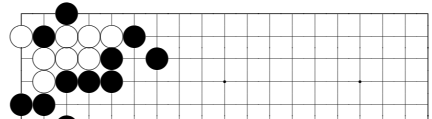
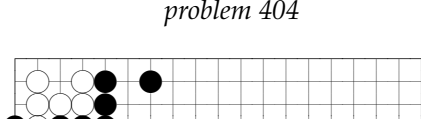
problem 403

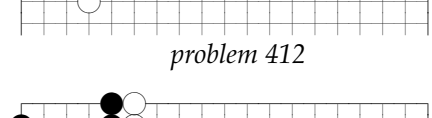
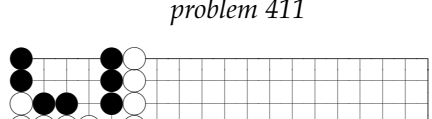
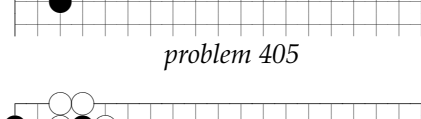


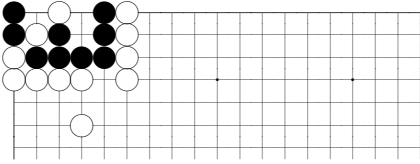
problem 409



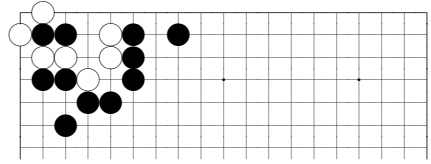
problem 410



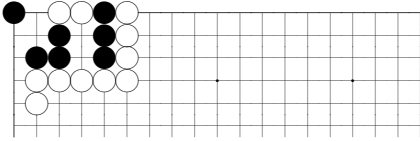




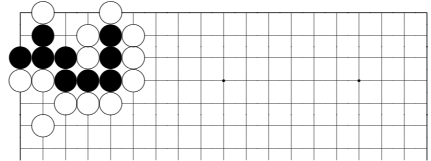
problem 414



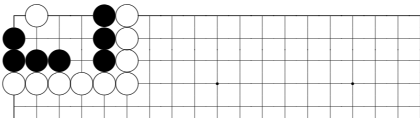
problem 420



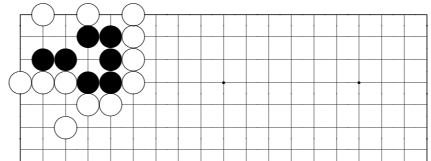
problem 415



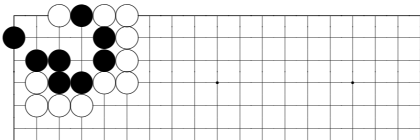
problem 421



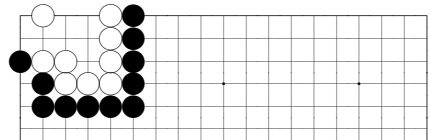
problem 416



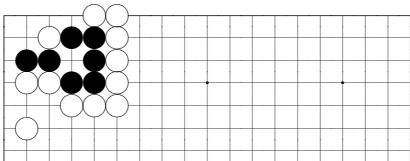
problem 422



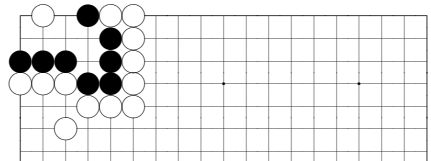
problem 417



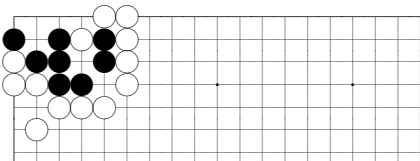
problem 423



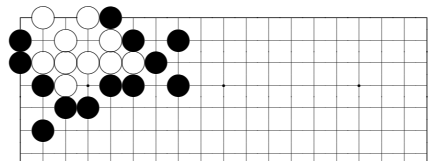
problem 418



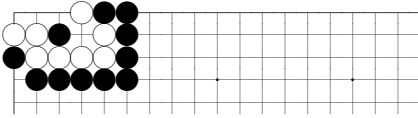
problem 424



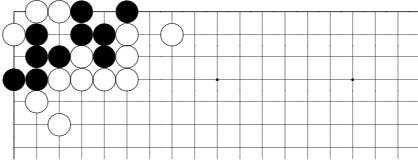
problem 419



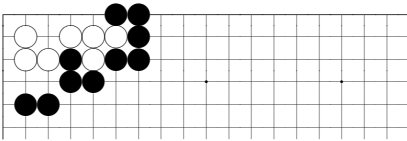
problem 425



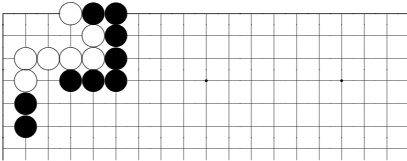
problem 426



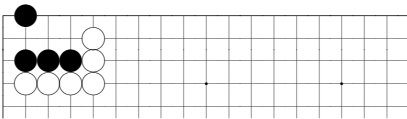
problem 427



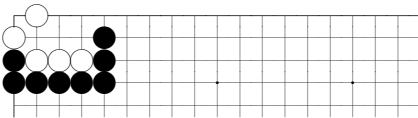
problem 428



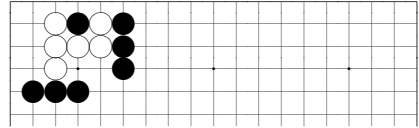
problem 429



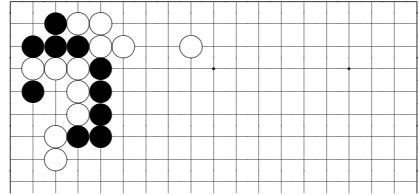
problem 430



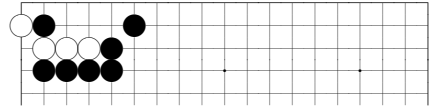
problem 431



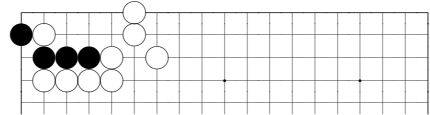
problem 432



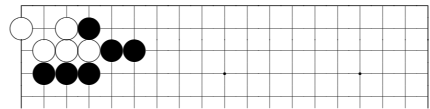
problem 433



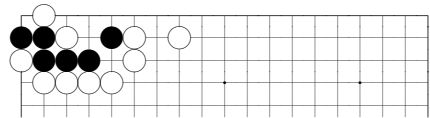
problem 434



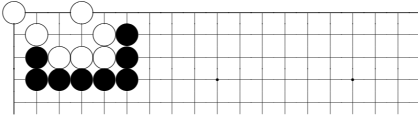
problem 435



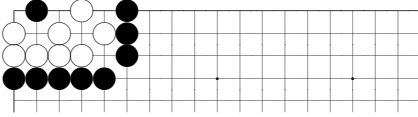
problem 436



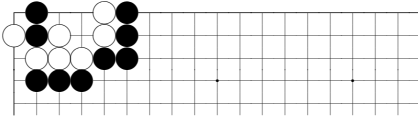
problem 437



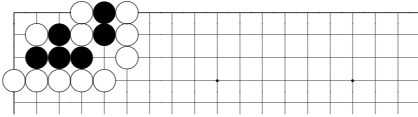
problem 451



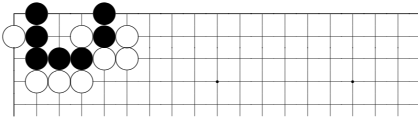
problem 452



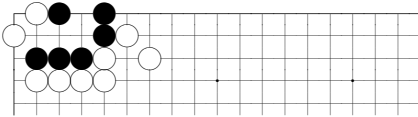
problem 453



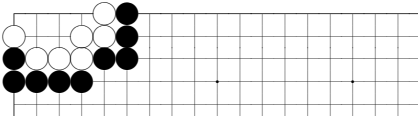
problem 454



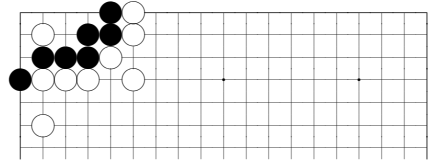
problem 455



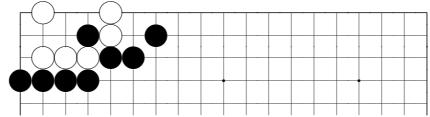
problem 456



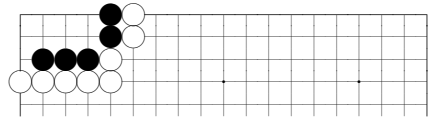
problem 457



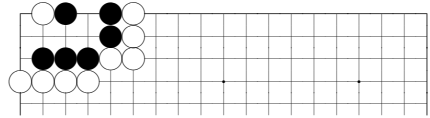
problem 458



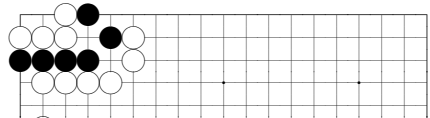
problem 459



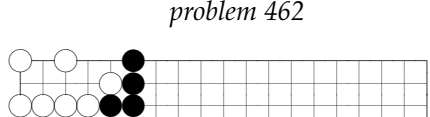
problem 460



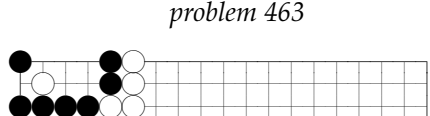
problem 461



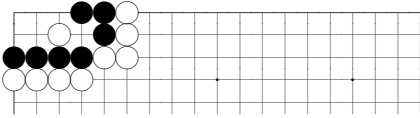
problem 462



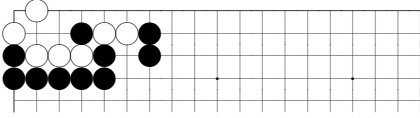
problem 463



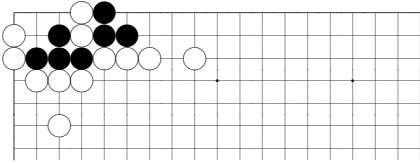
problem 464



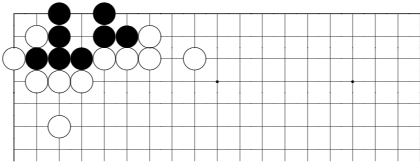
problem 478



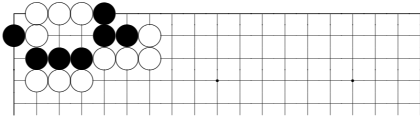
problem 479



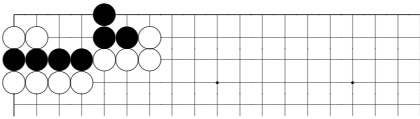
problem 480

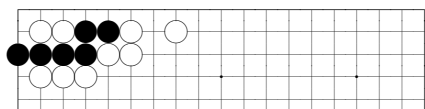


problem 481

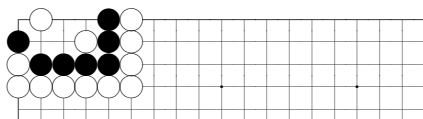


problem 482

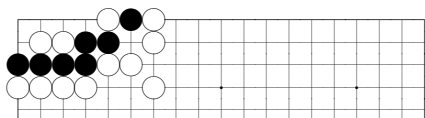




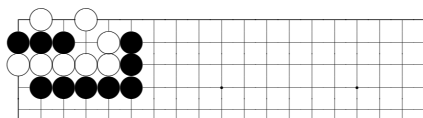
problem 505



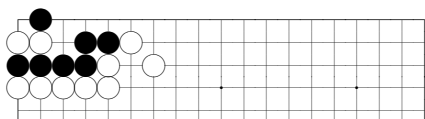
problem 512



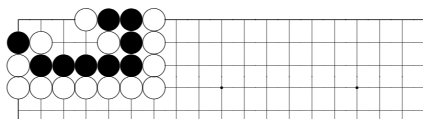
problem 506



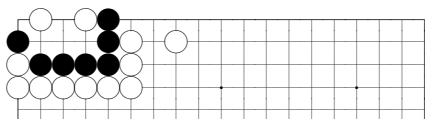
problem 513



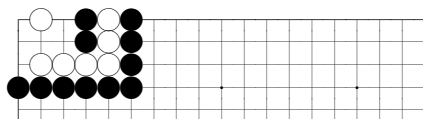
problem 507



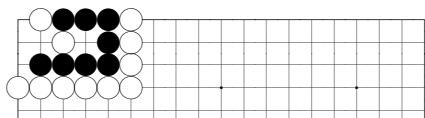
problem 514



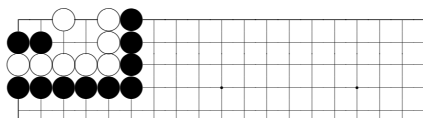
problem 508



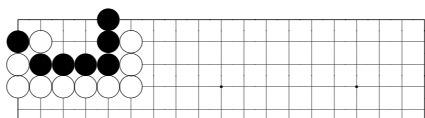
problem 515



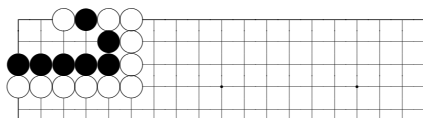
problem 509



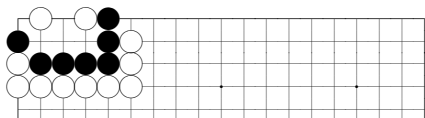
problem 516



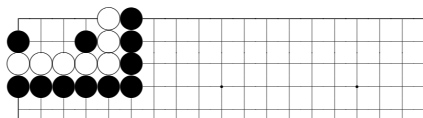
problem 510



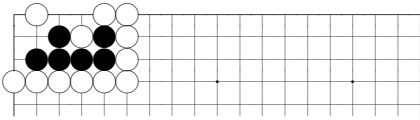
problem 517



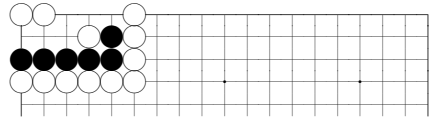
problem 511



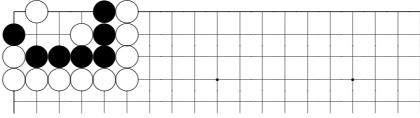
problem 518



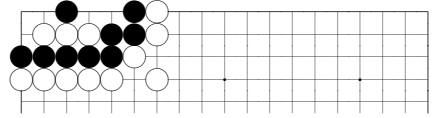
problem 533



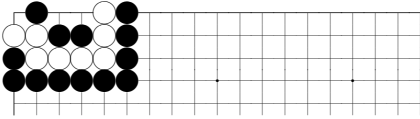
problem 540



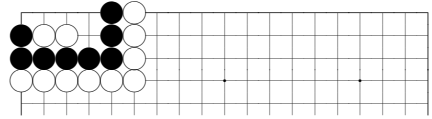
problem 534



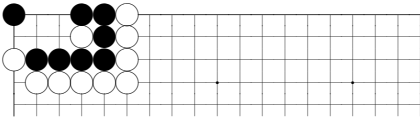
problem 541



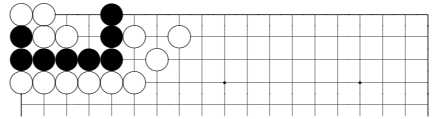
problem 535



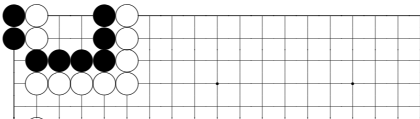
problem 542



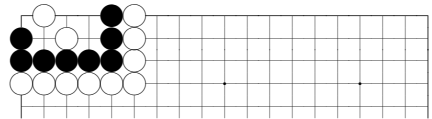
problem 536



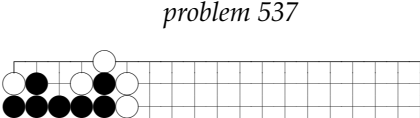
problem 543



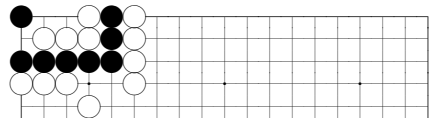
problem 537



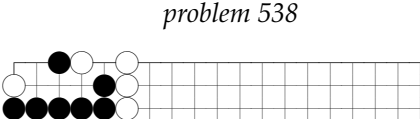
problem 544



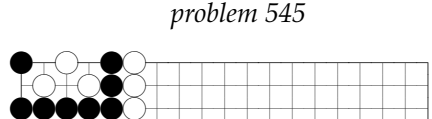
problem 538



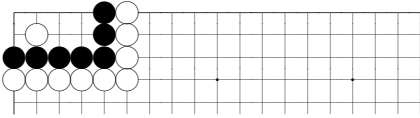
problem 545



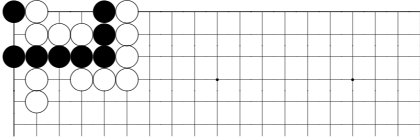
problem 539



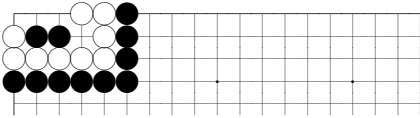
problem 546



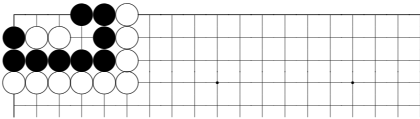
problem 547



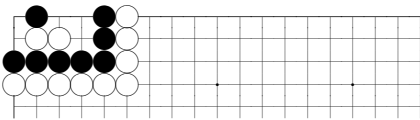
problem 548



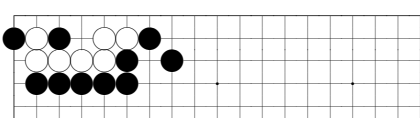
problem 549



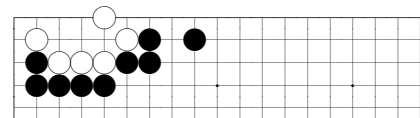
problem 550



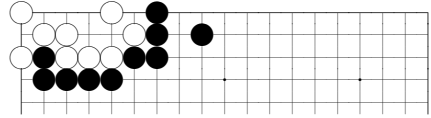
problem 551



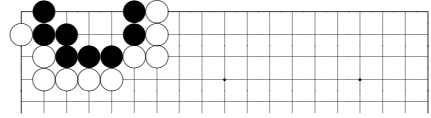
problem 552



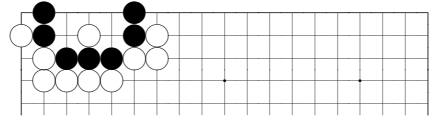
problem 553



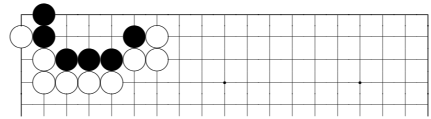
problem 554



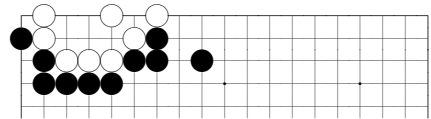
problem 555



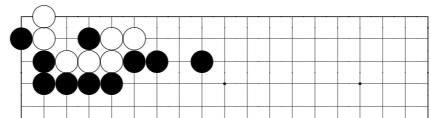
problem 556



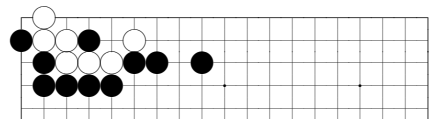
problem 557



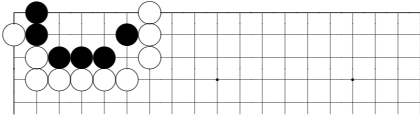
problem 558



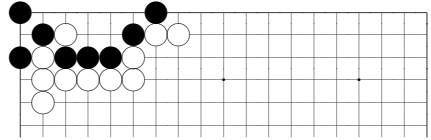
problem 559



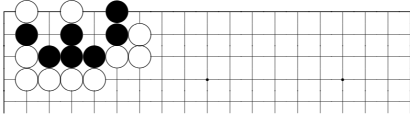
problem 560



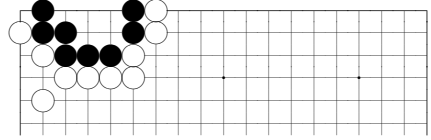
problem 561



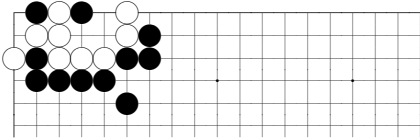
problem 567



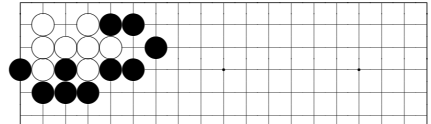
problem 562



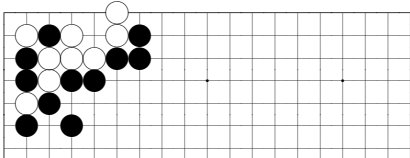
problem 568



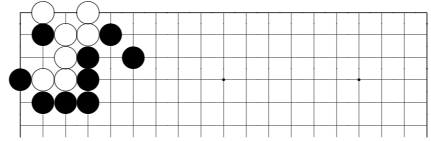
problem 563



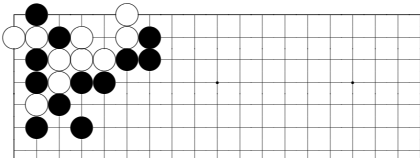
problem 569



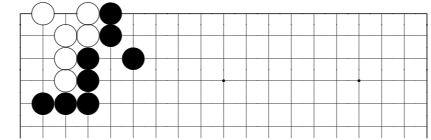
problem 564



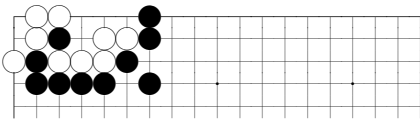
problem 570



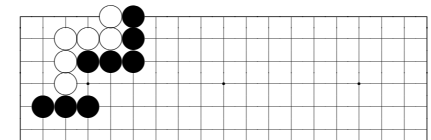
problem 565



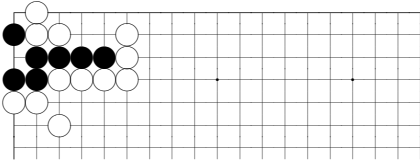
problem 571



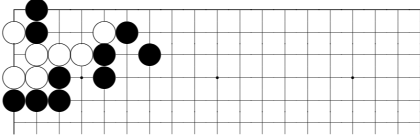
problem 566



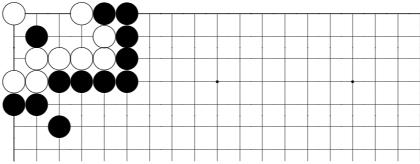
problem 572



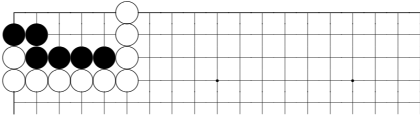
problem 573



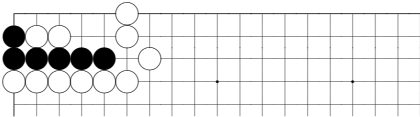
problem 574



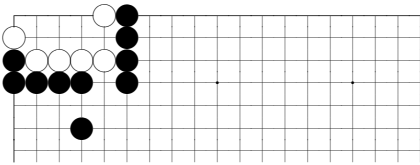
problem 575



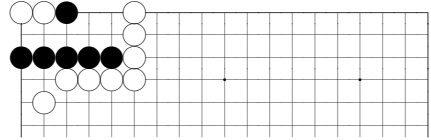
problem 576



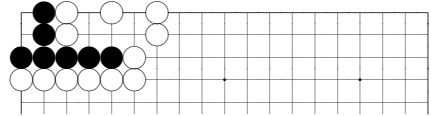
problem 577



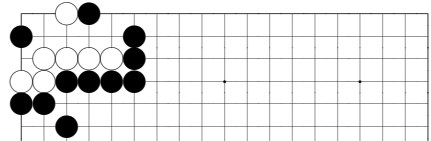
problem 578



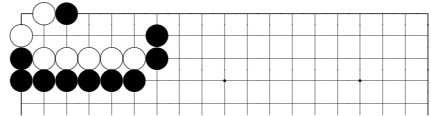
problem 579



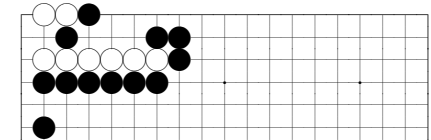
problem 580



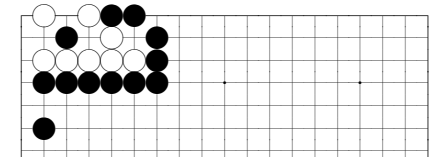
problem 581



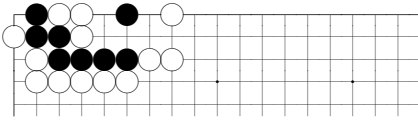
problem 582



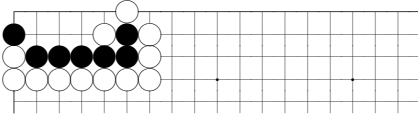
problem 583



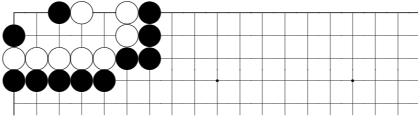
problem 584



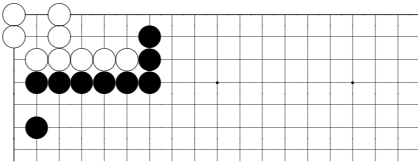
problem 585



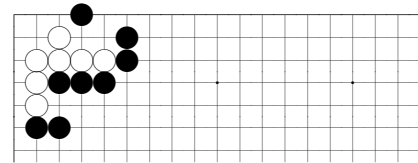
problem 586



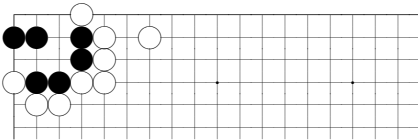
problem 587

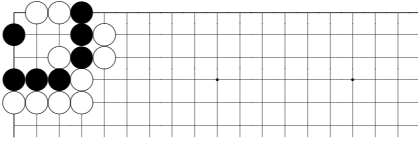


problem 588

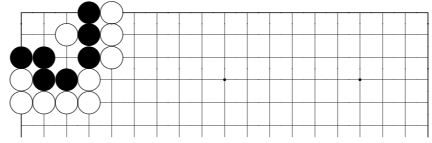


problem 589

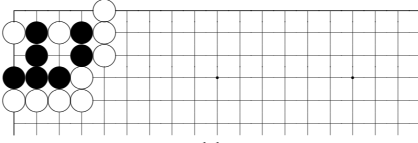




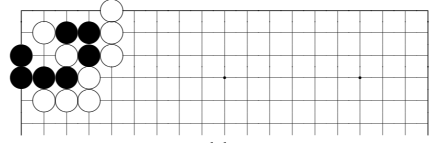
problem 597



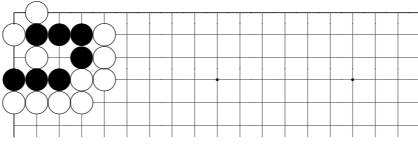
problem 603



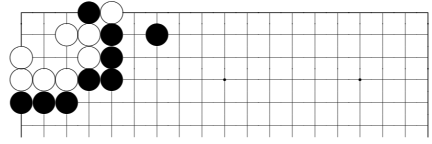
problem 598



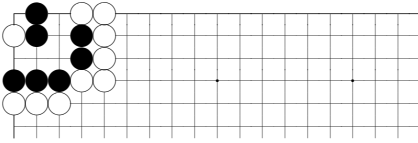
problem 604



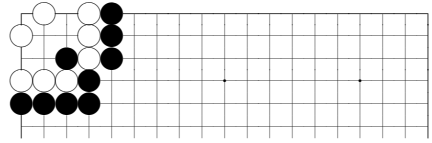
problem 599



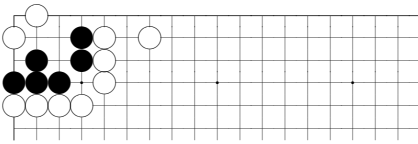
problem 605



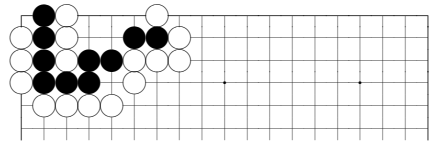
problem 600



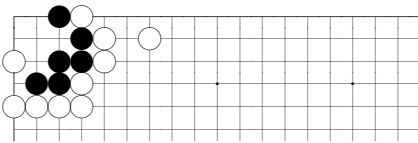
problem 606



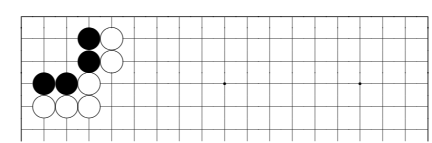
problem 601



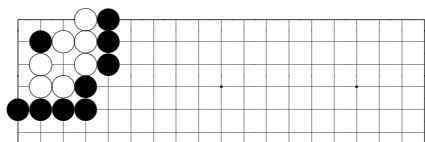
problem 607



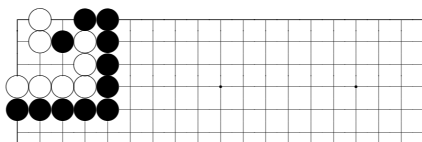
problem 602



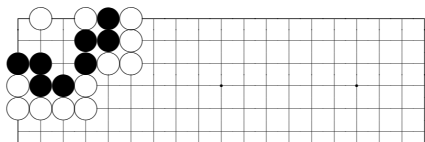
problem 608



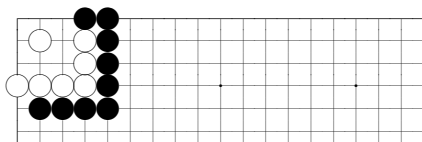
problem 609



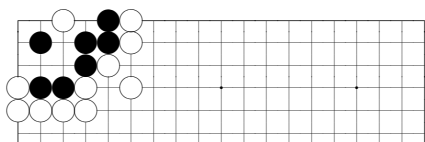
problem 615



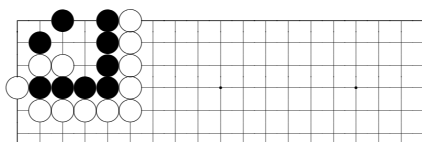
problem 610



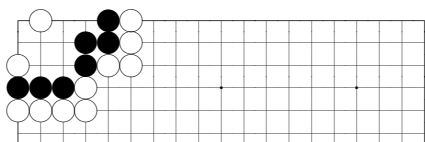
problem 616



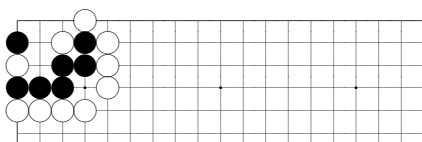
problem 611



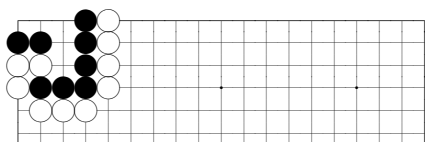
problem 617



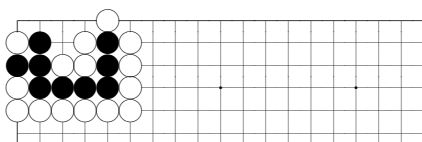
problem 612



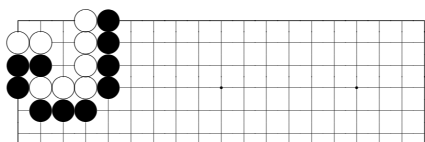
problem 618



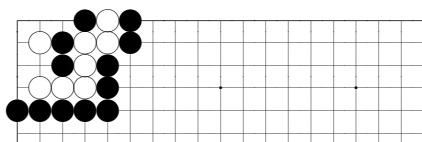
problem 613



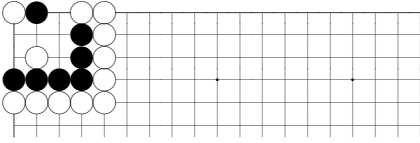
problem 619



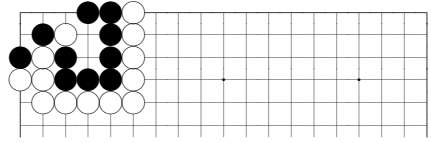
problem 614



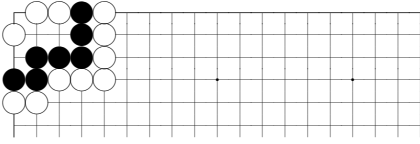
problem 620



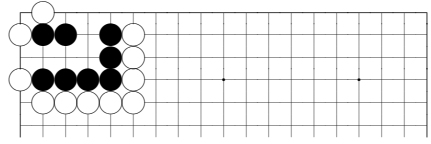
problem 621



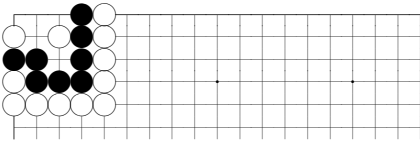
problem 627



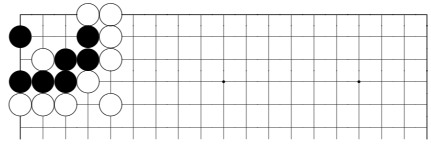
problem 622



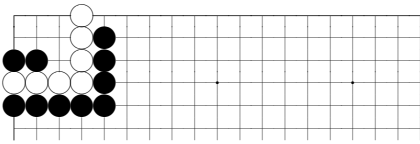
problem 628



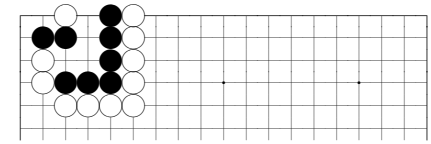
problem 623



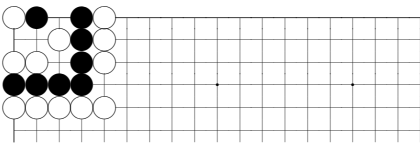
problem 629



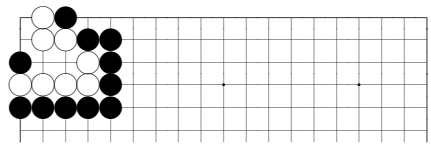
problem 624



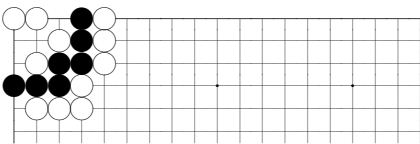
problem 630



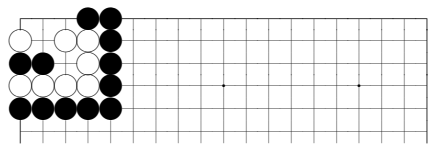
problem 625



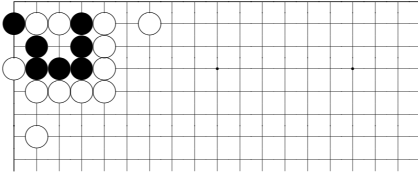
problem 631



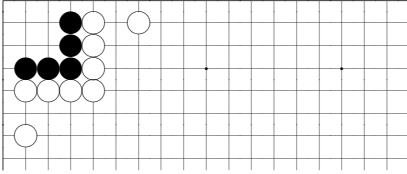
problem 626



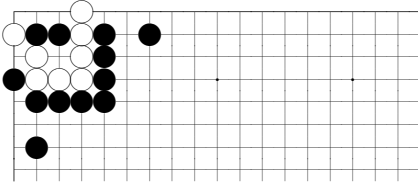
problem 632



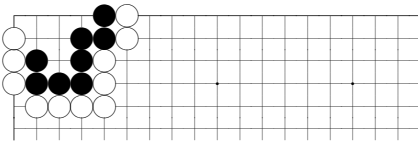
problem 645



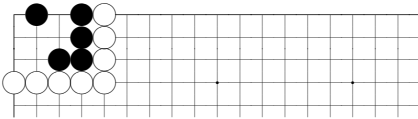
problem 646



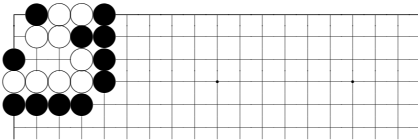
problem 647



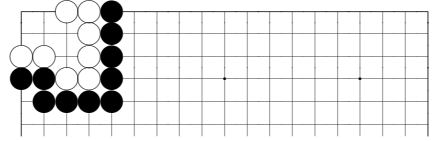
problem 648



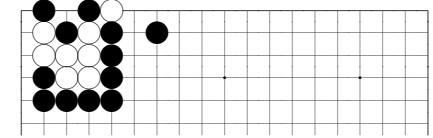
problem 649



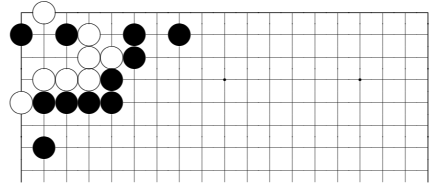
problem 650



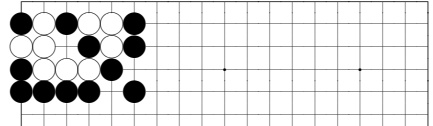
problem 651



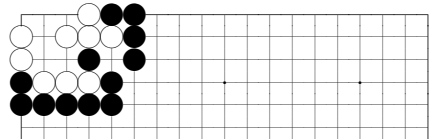
problem 652



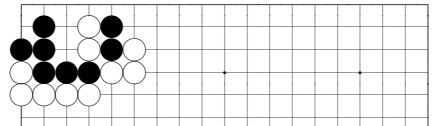
problem 653



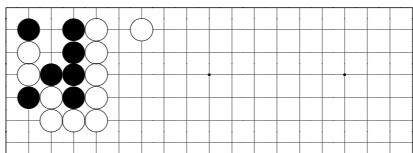
problem 654



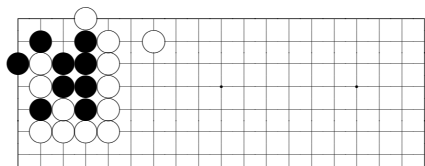
problem 655



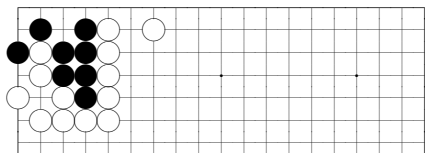
problem 656



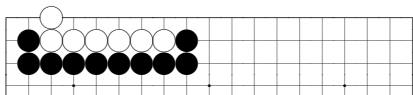
problem 657



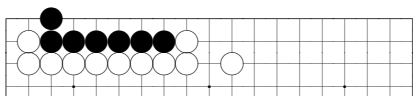
problem 658



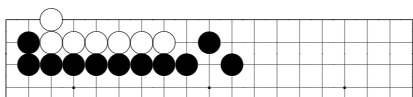
problem 659



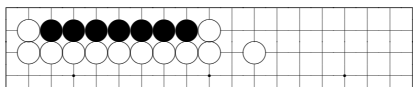
problem 660

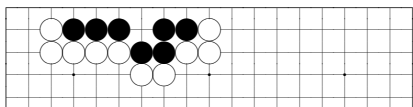


problem 661

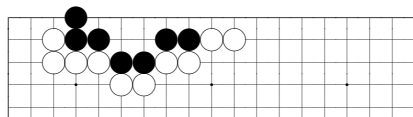


problem 662

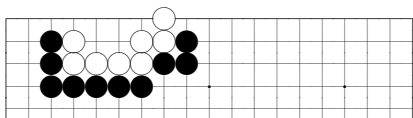




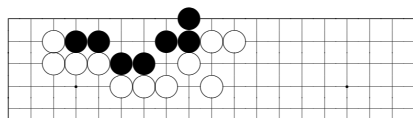
problem 672



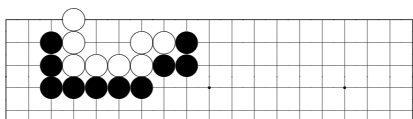
problem 679



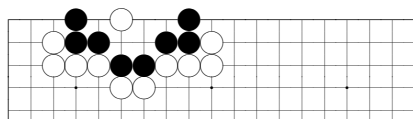
problem 673



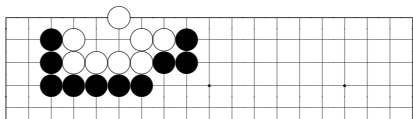
problem 680



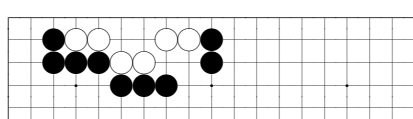
problem 674



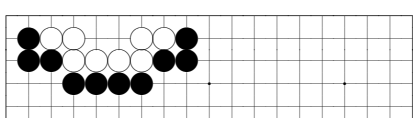
problem 681



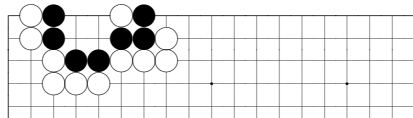
problem 675



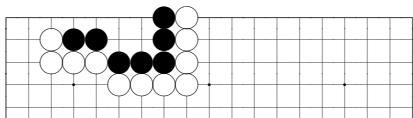
problem 682



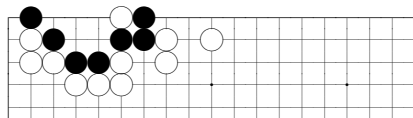
problem 676



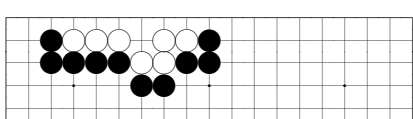
problem 683



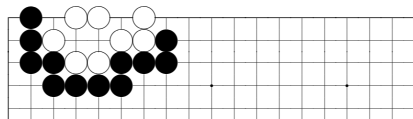
problem 677



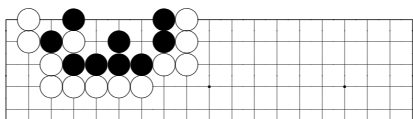
problem 684



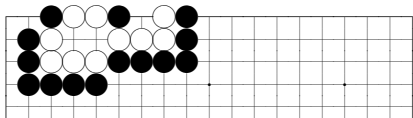
problem 678



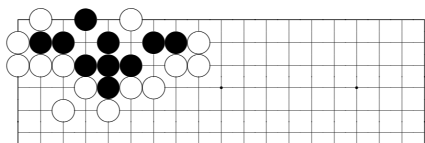
problem 685



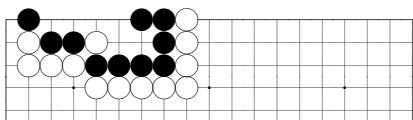
problem 686



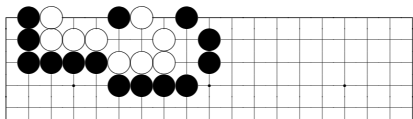
problem 687



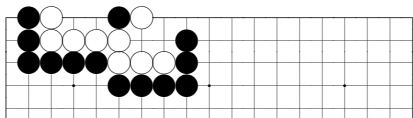
problem 688



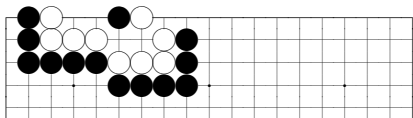
problem 689



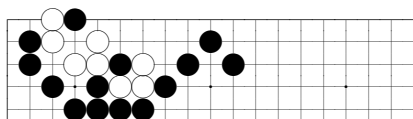
problem 690



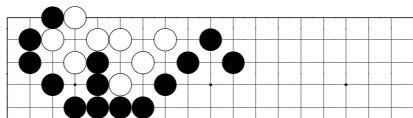
problem 691



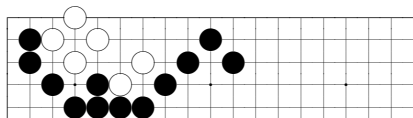
problem 692



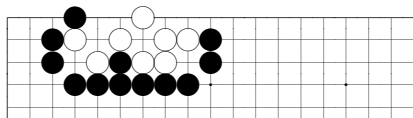
problem 693



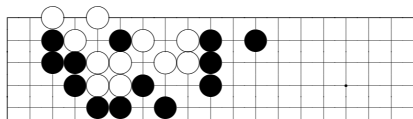
problem 694



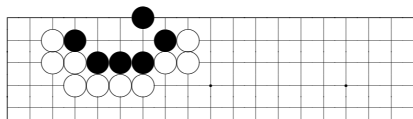
problem 695



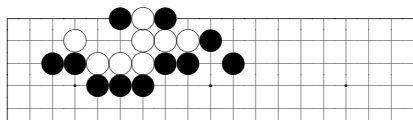
problem 696



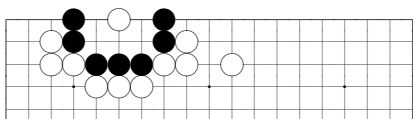
problem 697



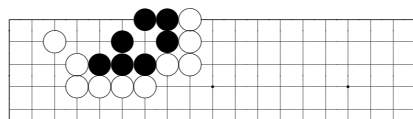
problem 698



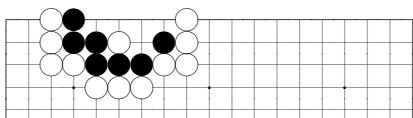
problem 699



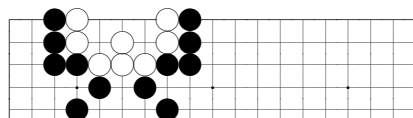
problem 700



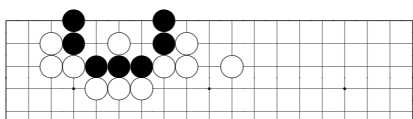
problem 707



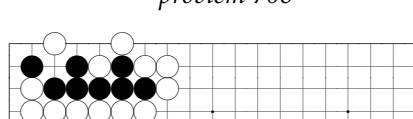
problem 701



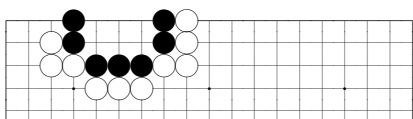
problem 708



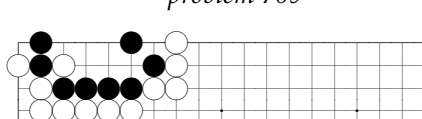
problem 702



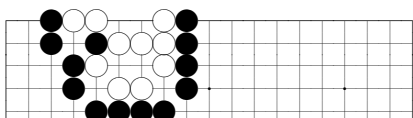
problem 709

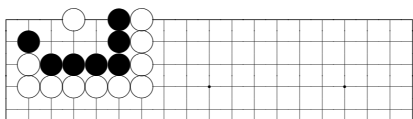


problem 703

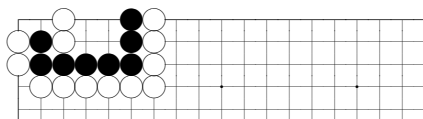


problem 710

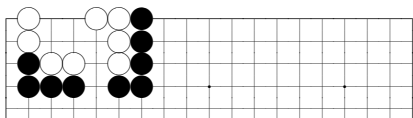




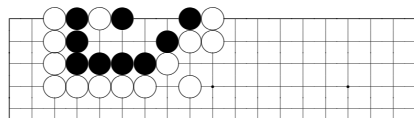
problem 714



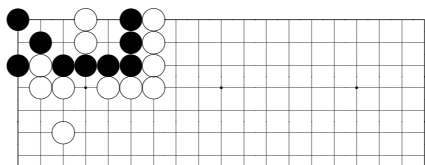
problem 721



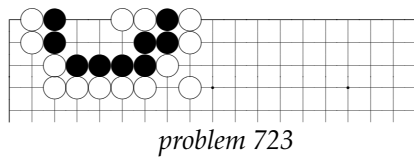
problem 715



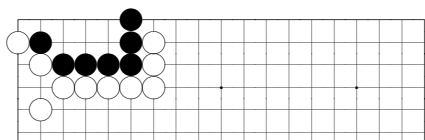
problem 722



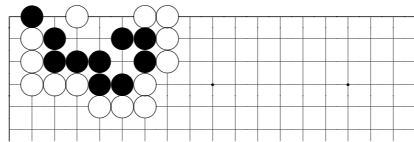
problem 716



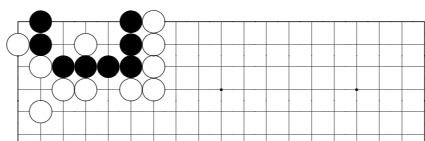
problem 723



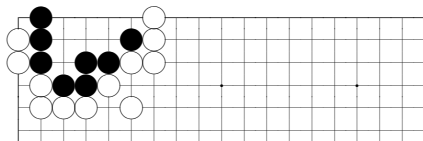
problem 717



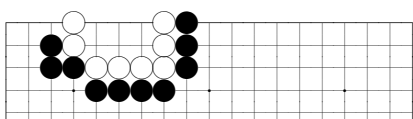
problem 724



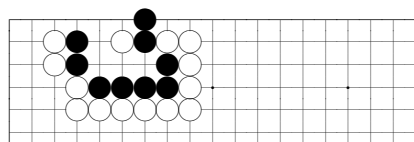
problem 718



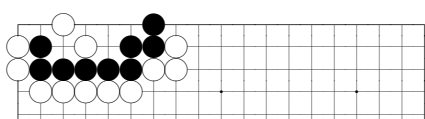
problem 725



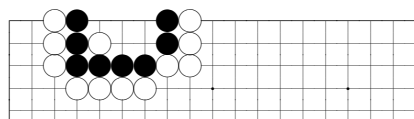
problem 719



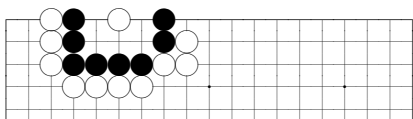
problem 726



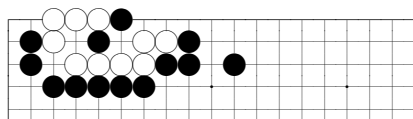
problem 720



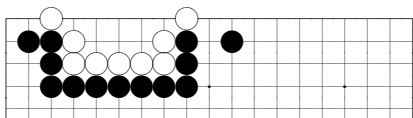
problem 727



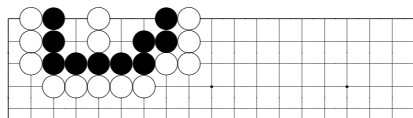
problem 728



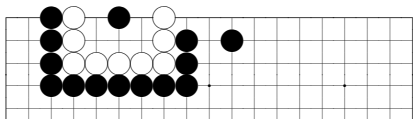
problem 735



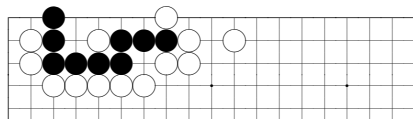
problem 729



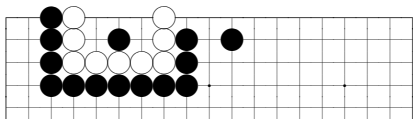
problem 736



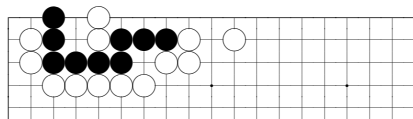
problem 730



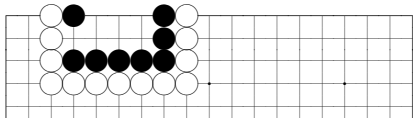
problem 737



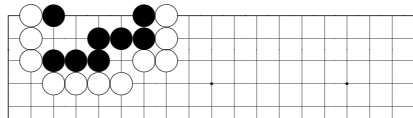
problem 731



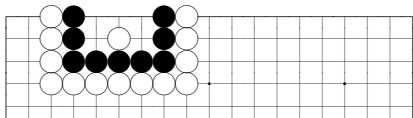
problem 738



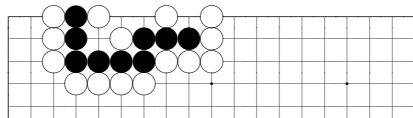
problem 732



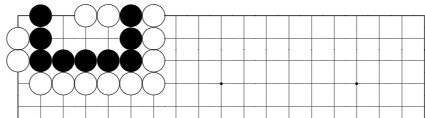
problem 739



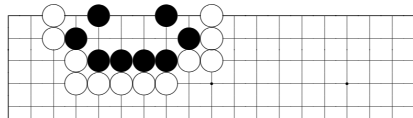
problem 733



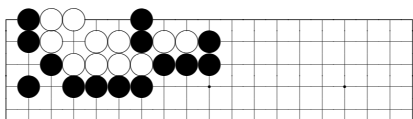
problem 740



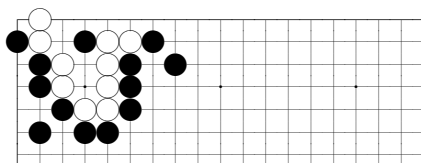
problem 734



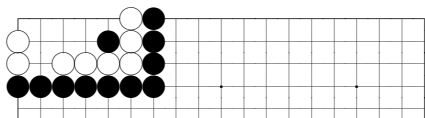
problem 741



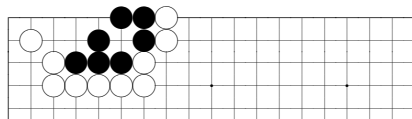
problem 742



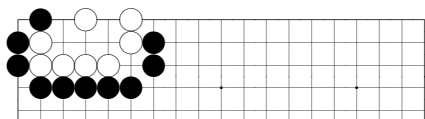
problem 749



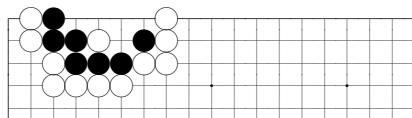
problem 743

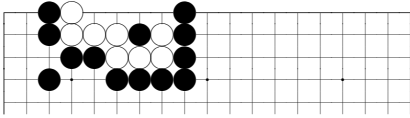


problem 750

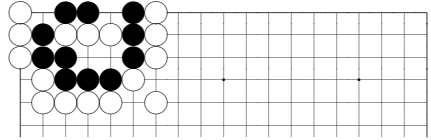


problem 744

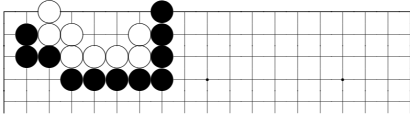




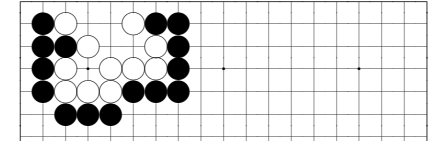
problem 756



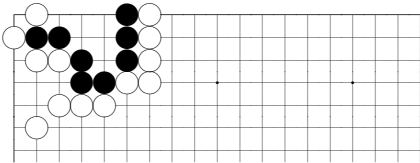
problem 763



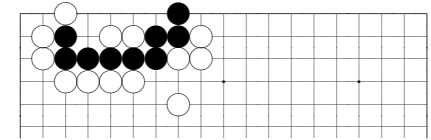
problem 757



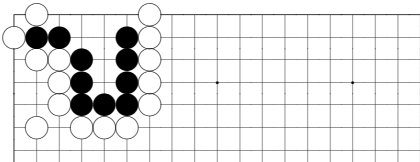
problem 764



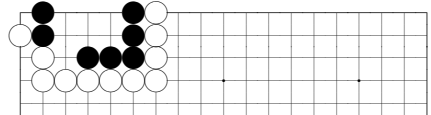
problem 758



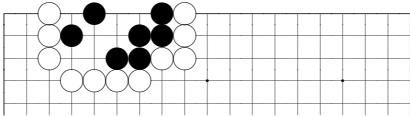
problem 765



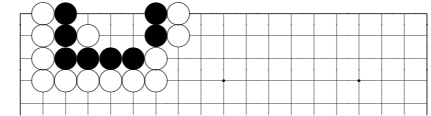
problem 759



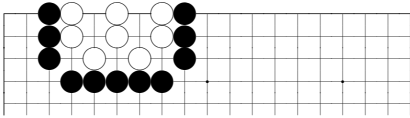
problem 766



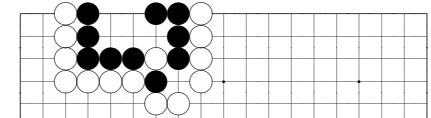
problem 760



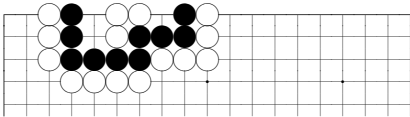
problem 767



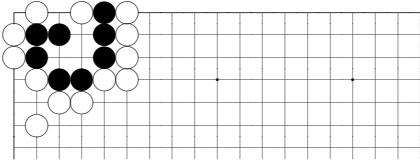
problem 761



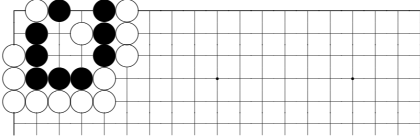
problem 768



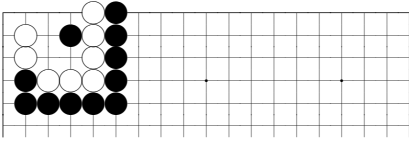
problem 762



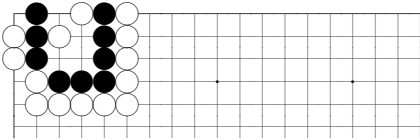
problem 781



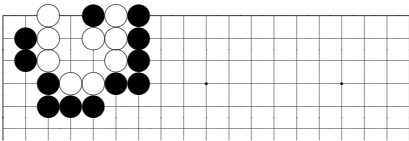
problem 782



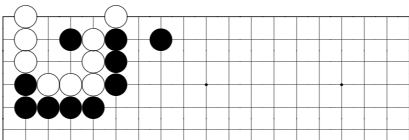
problem 783



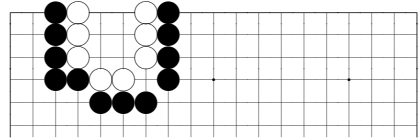
problem 784



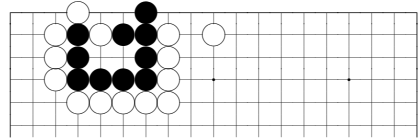
problem 785



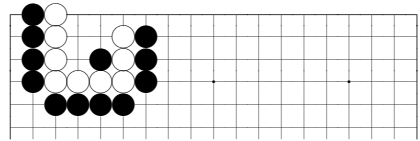
problem 786



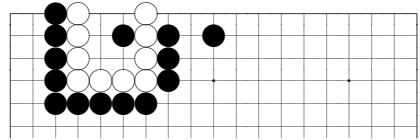
problem 787



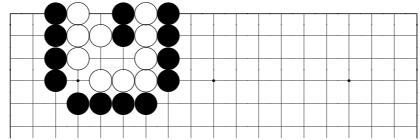
problem 788



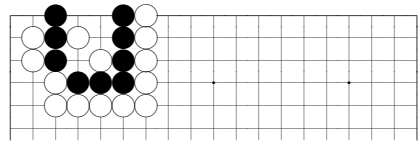
problem 789



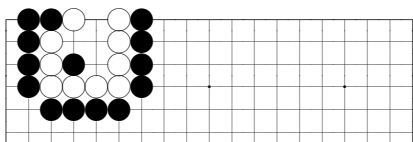
problem 790



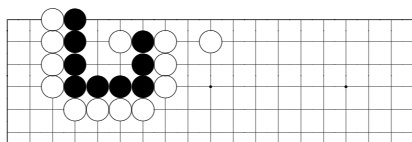
problem 791



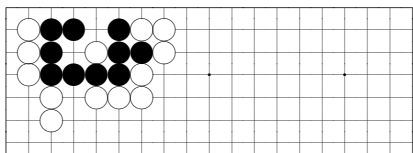
problem 792



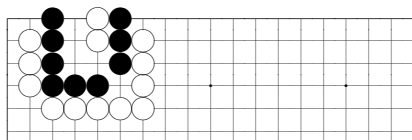
problem 793



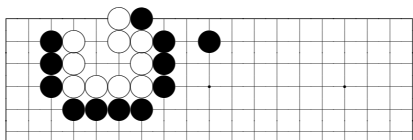
problem 799

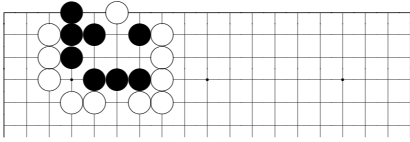


problem 794

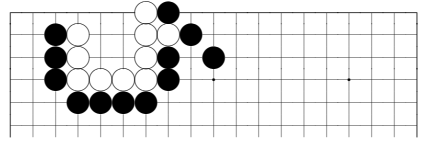


problem 800

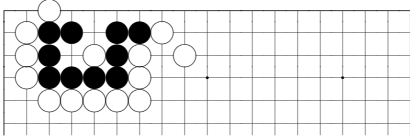




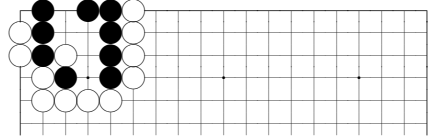
problem 805



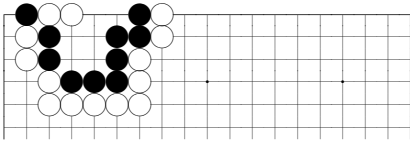
problem 811



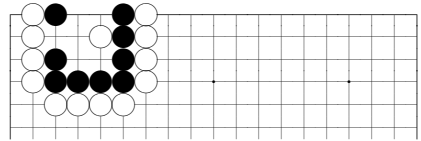
problem 806



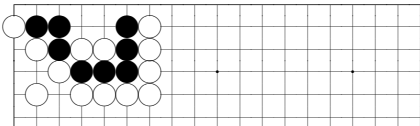
problem 812



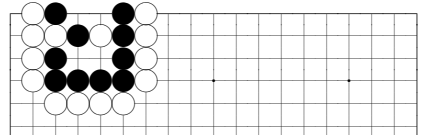
problem 807



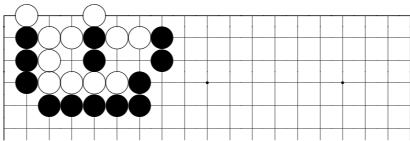
problem 813



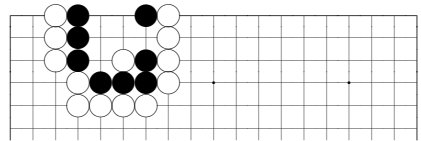
problem 808



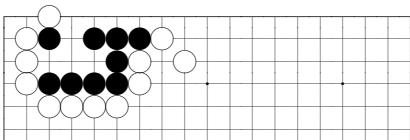
problem 814



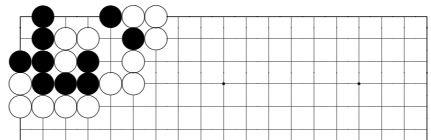
problem 809



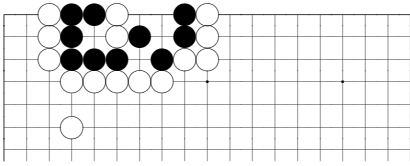
problem 815



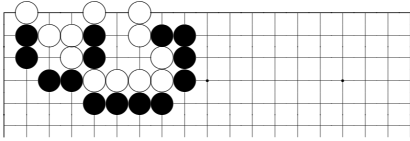
problem 810



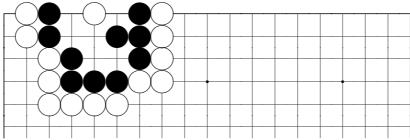
problem 816



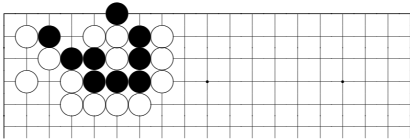
problem 817



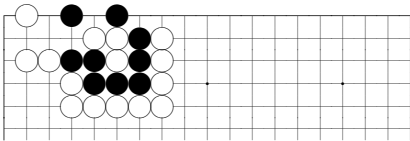
problem 818



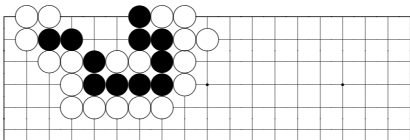
problem 819



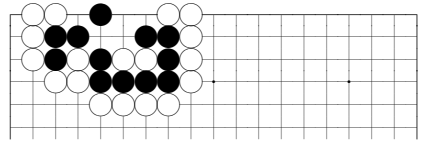
problem 820



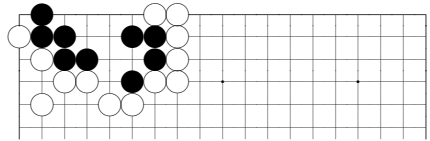
problem 821



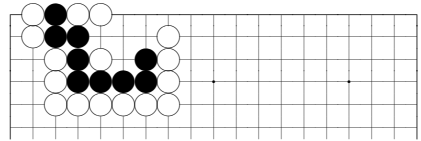
problem 822



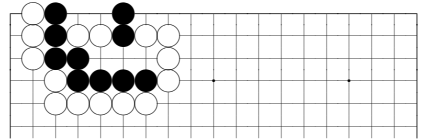
problem 823



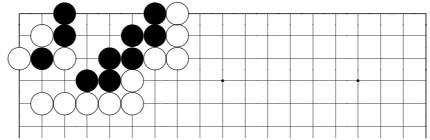
problem 824



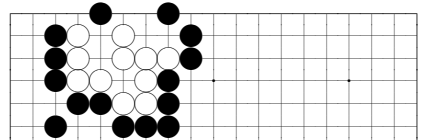
problem 825



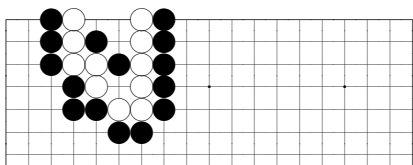
problem 826



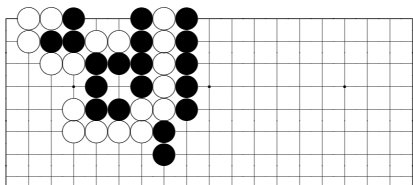
problem 827



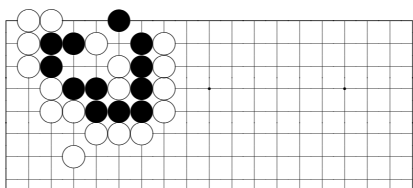
problem 828



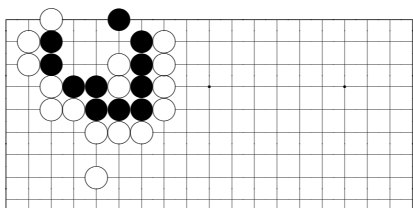
problem 829



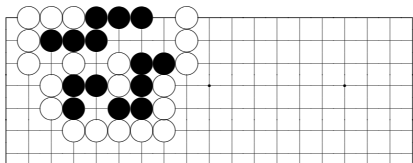
problem 830



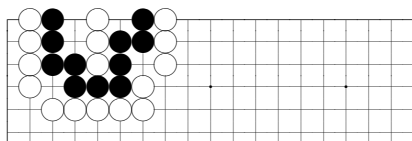
problem 831



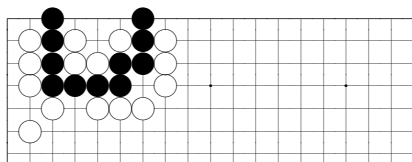
problem 832



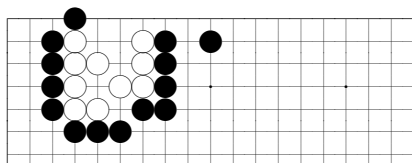
problem 833



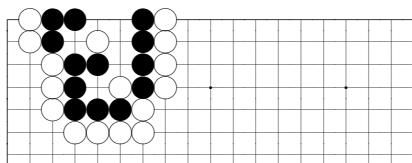
problem 834



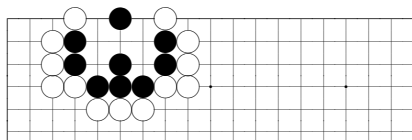
problem 835



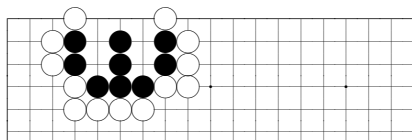
problem 836



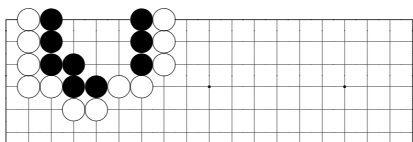
problem 837



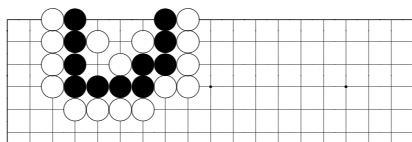
problem 838



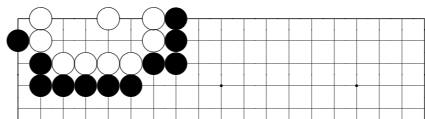
problem 839



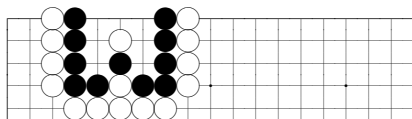
problem 840



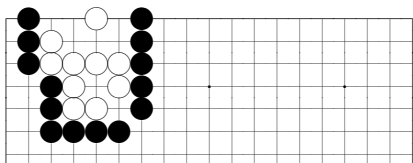
problem 846



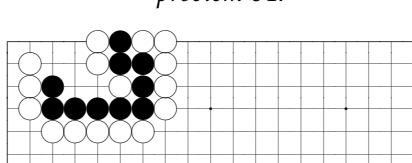
problem 841



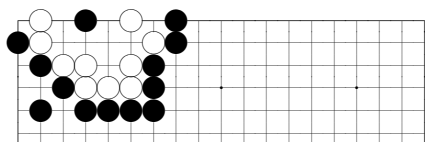
problem 847



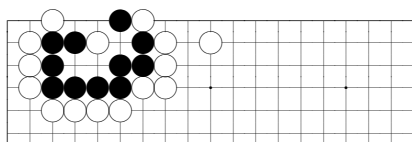
problem 842



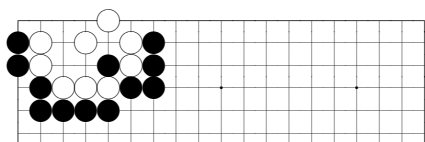
problem 848



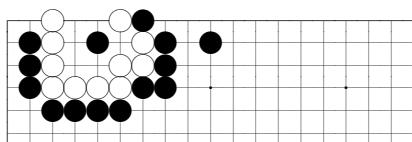
problem 843



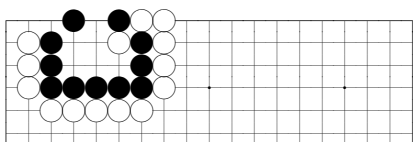
problem 849



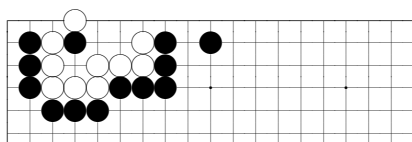
problem 844



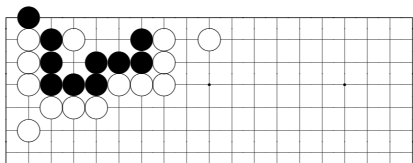
problem 850



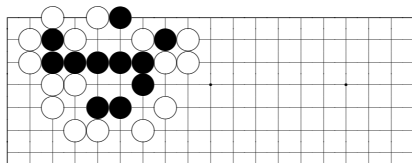
problem 845



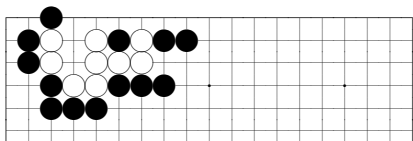
problem 851



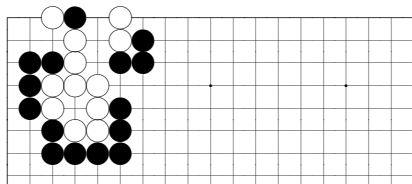
problem 852



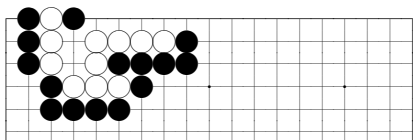
problem 858



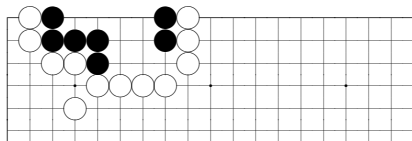
problem 853



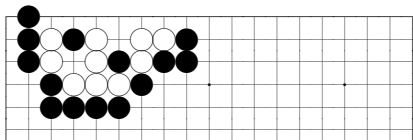
problem 859



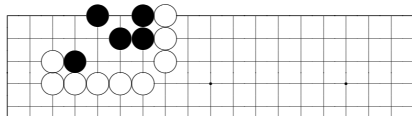
problem 854



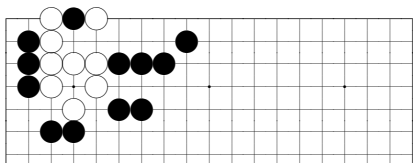
problem 860



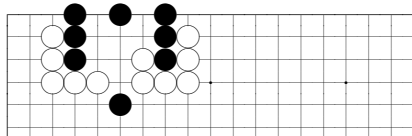
problem 855



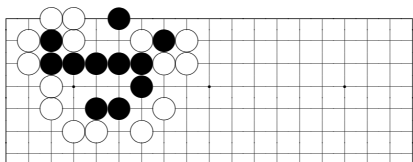
problem 861



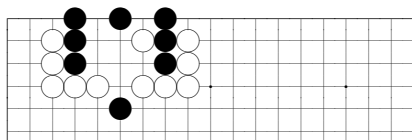
problem 856



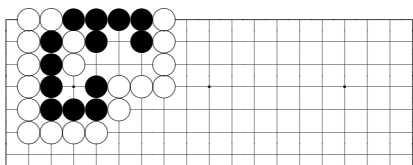
problem 862



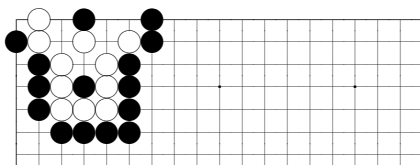
problem 857



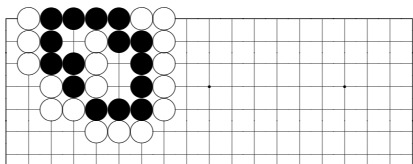
problem 863



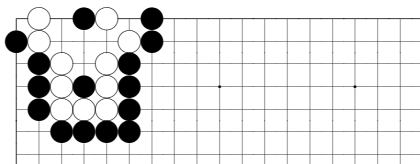
problem 876



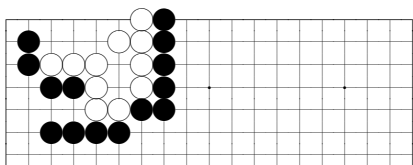
problem 882



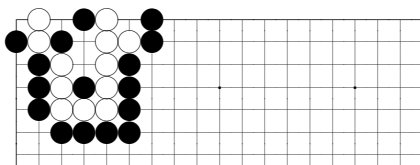
problem 877



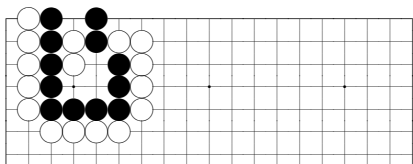
problem 883



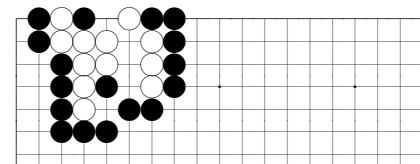
problem 878



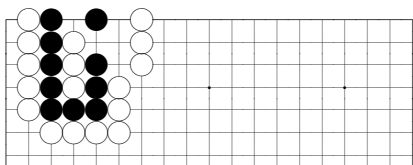
problem 884



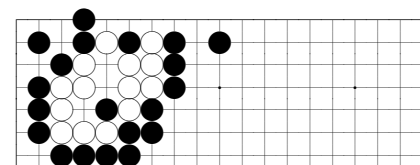
problem 879



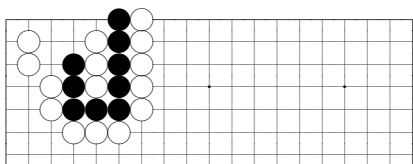
problem 885



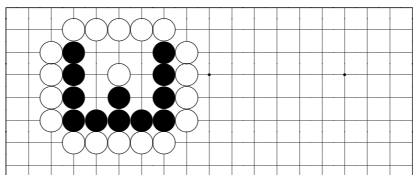
problem 880



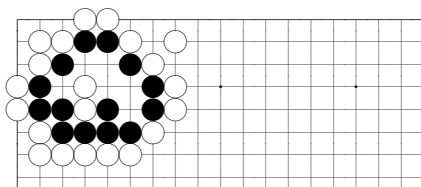
problem 886



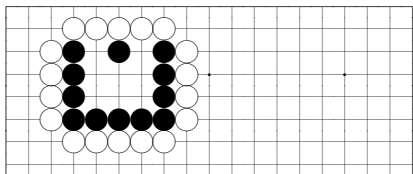
problem 881



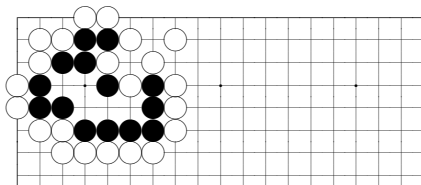
problem 887



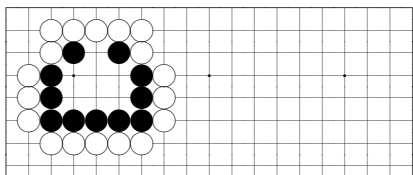
problem 892



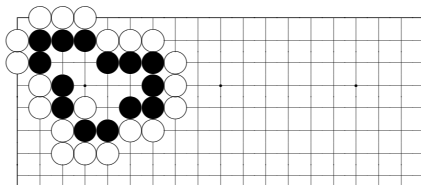
problem 888



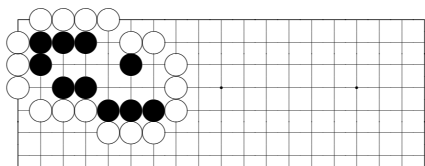
problem 893



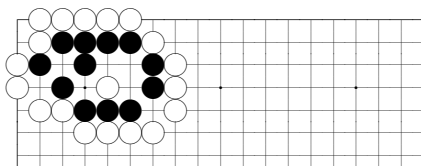
problem 889



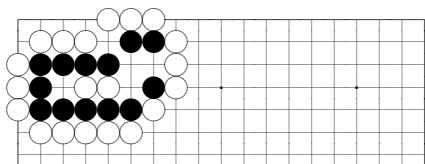
problem 894



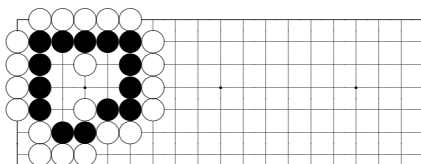
problem 890



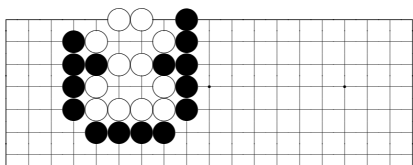
problem 895



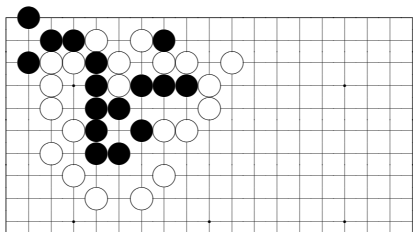
problem 891



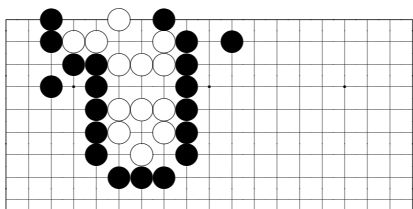
problem 896



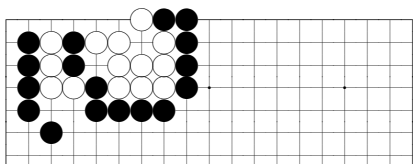
problem 897



problem 898



problem 899



problem 900