

*Cho Chikun's*  
encyclopedia of life and death  
part first – elementary problems

## 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 solution because of two particular reasons: first, I think we can learn more by actually solving the problem, trying all the possible variations; and second, the solutions are copyrighted. It is always **black to move**, so I only show pictures without any distracting text around.

In this first part, you can find about nine hundred problems mostly for low kyu players, but also dan players can benefit from going through lots of such

problems very quickly – dan player should get the solution in a few seconds, so he is likely to spend about an hour reading it through.

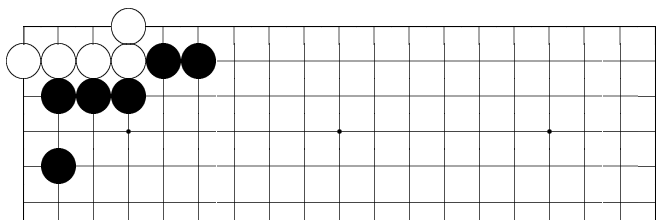
I wish you enjoyment and improving in the wonderful game of go, weiqi, baduk, or whatever you like to call it.

*tasuki*  
27.11.2004

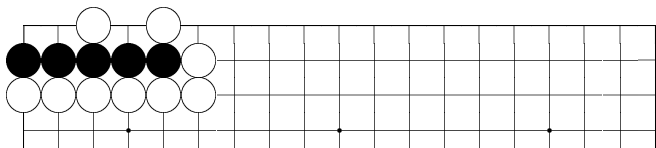
addendum:

I have reformatted the original files for both iPhone viewing and creating A6-booklets

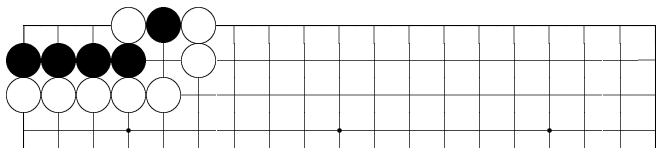
*rberenguel*  
15.11.2011



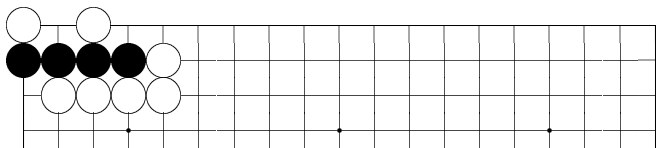
*problem 1*



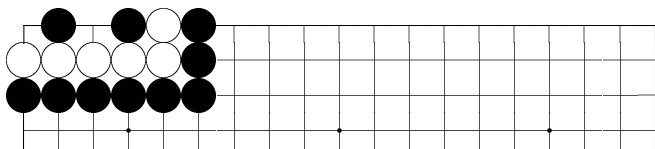
*problem 2*



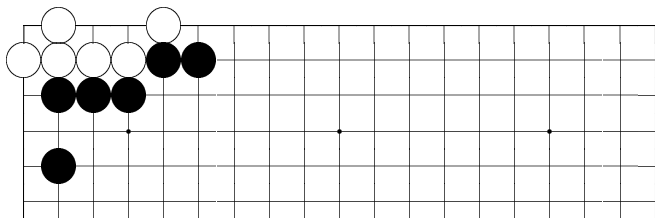
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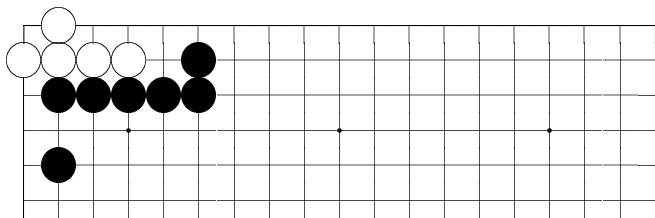
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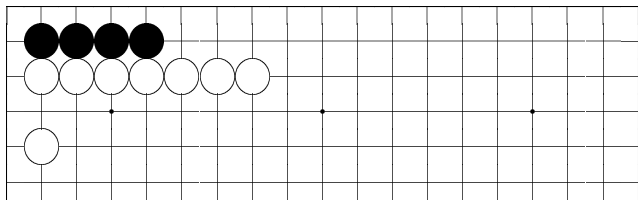
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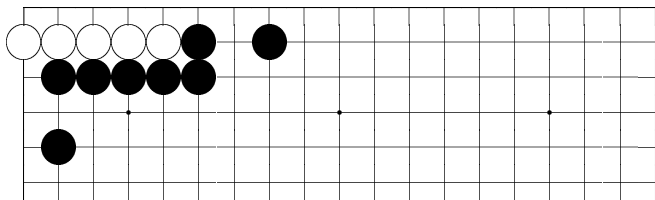
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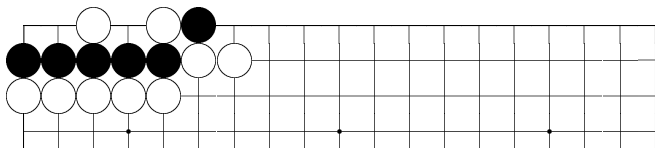
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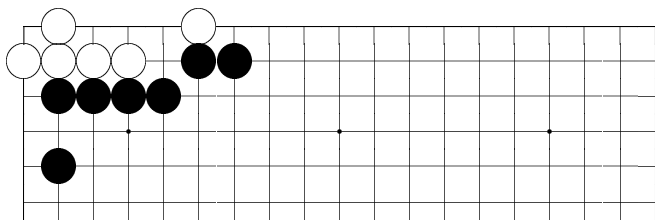
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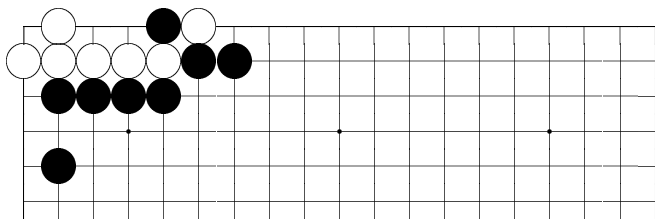
*problem 9*



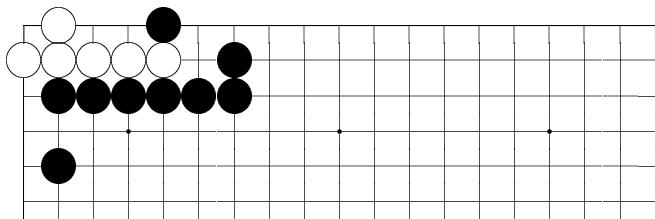
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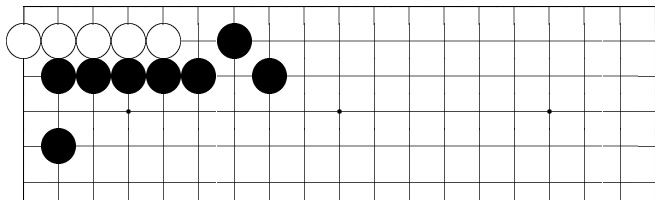
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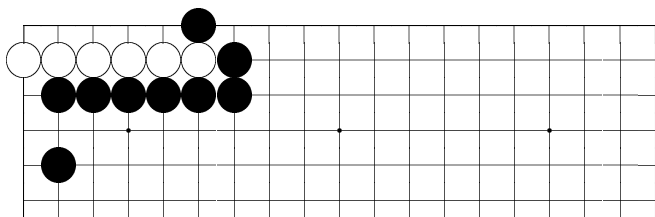
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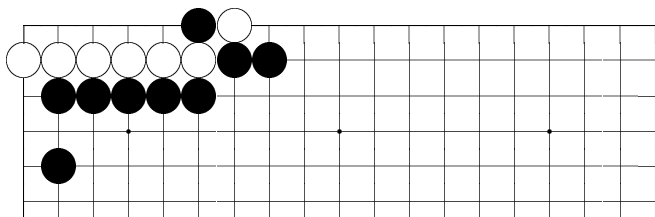
*problem 13*



*problem 14*

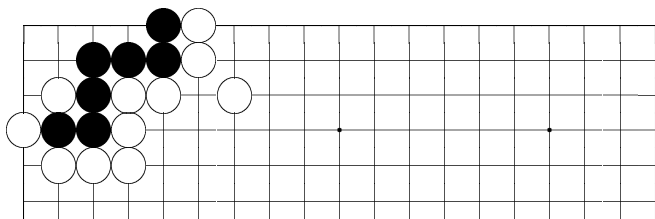


*problem 15*

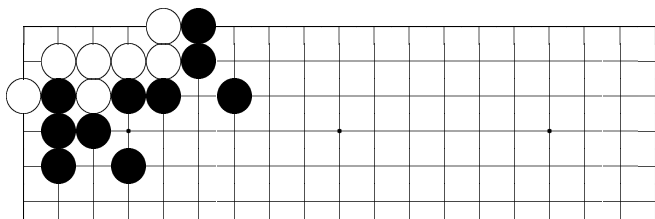


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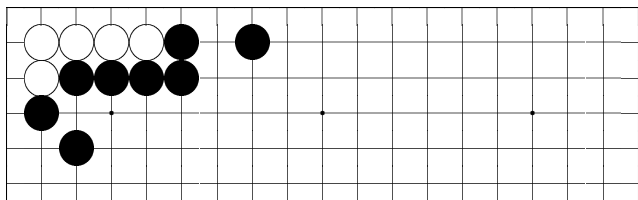




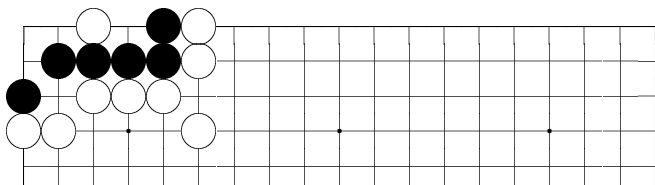
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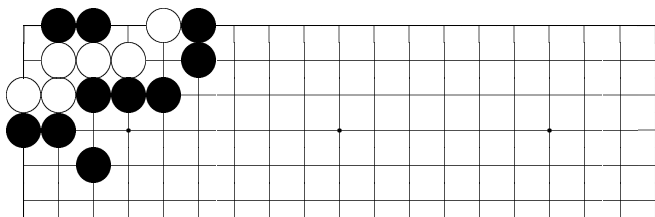
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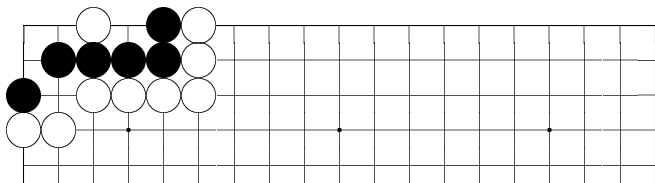
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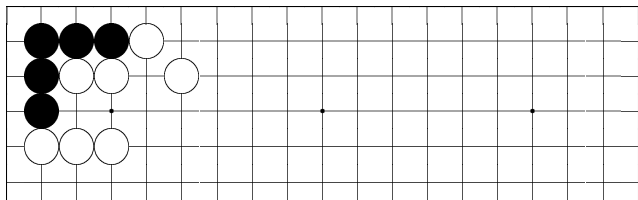
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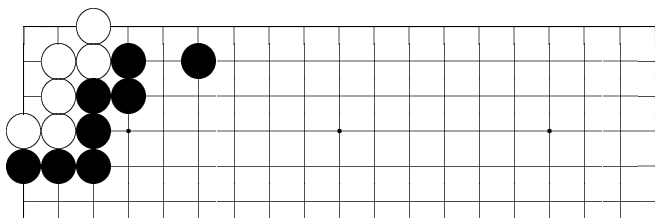
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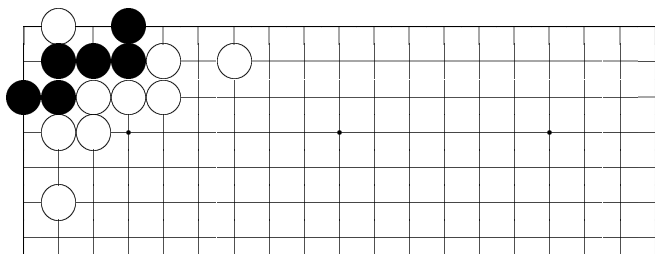
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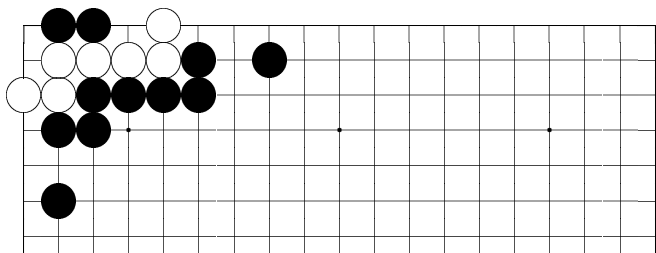
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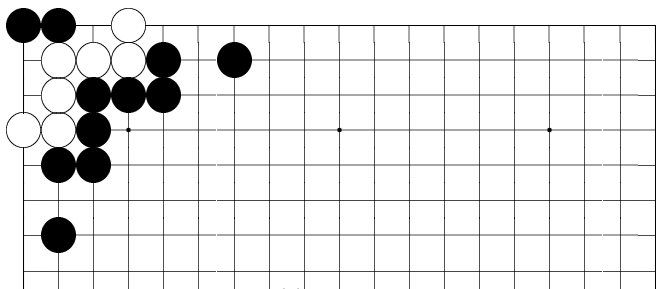
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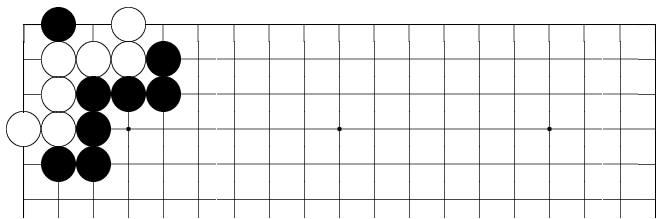
*problem 25*



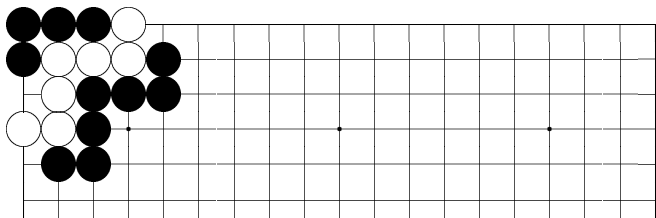
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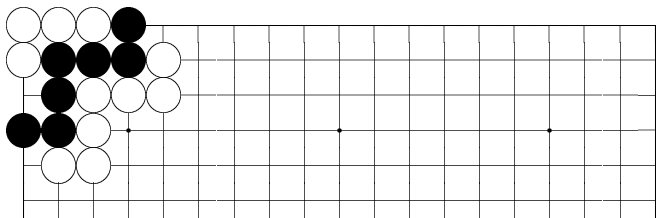
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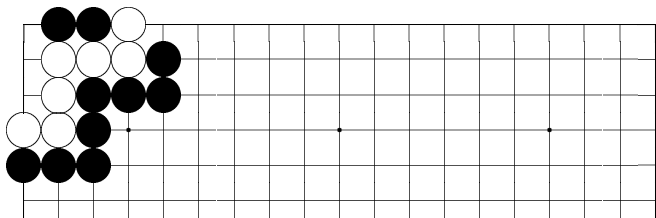
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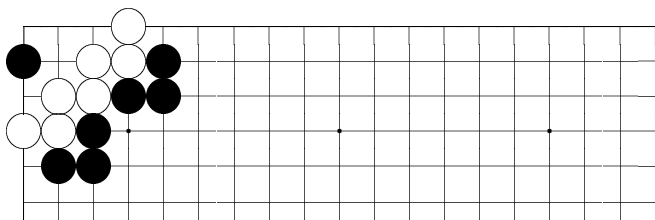
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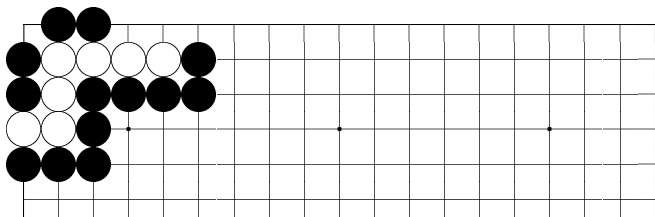
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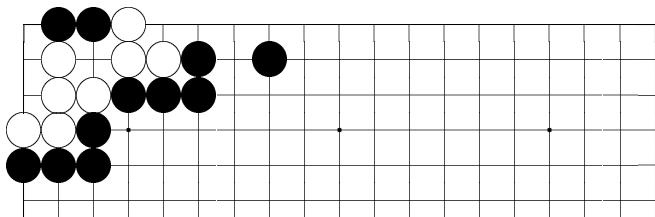
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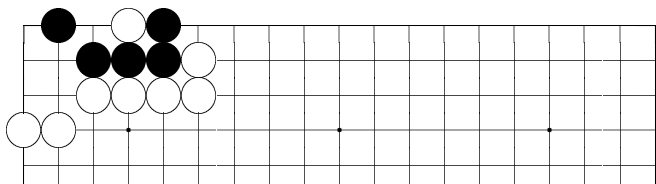
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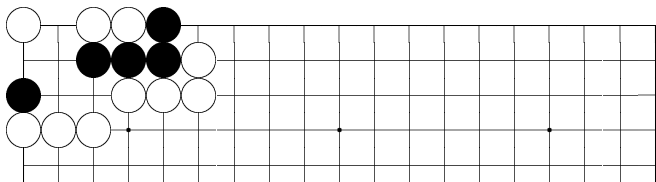
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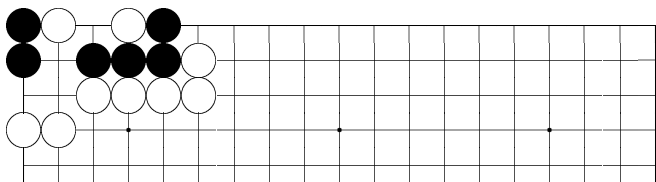
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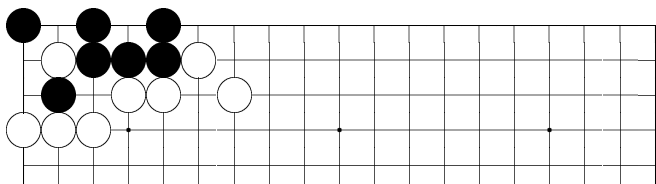
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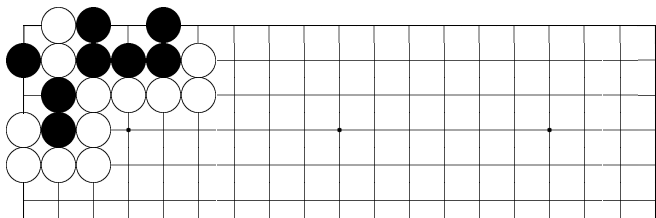
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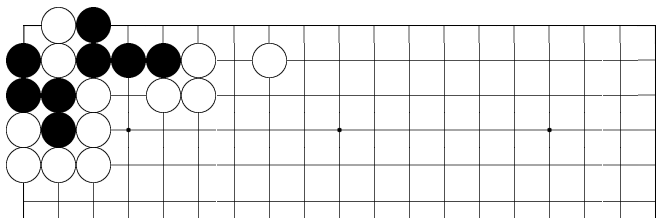
*problem 37*



*problem 38*

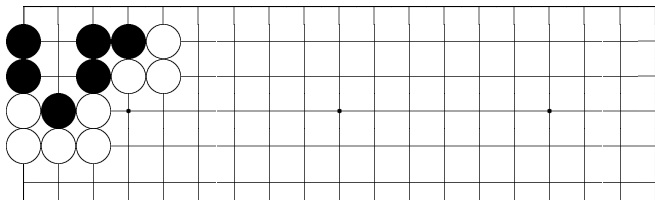


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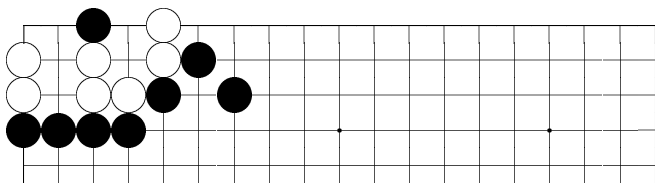


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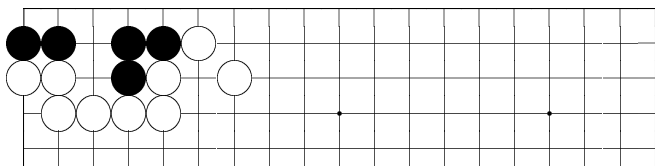




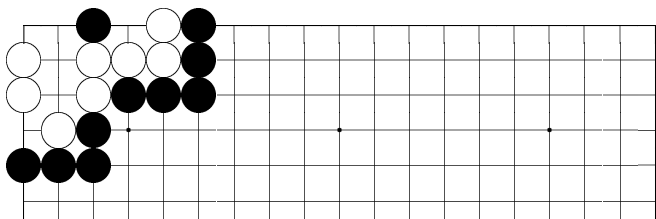
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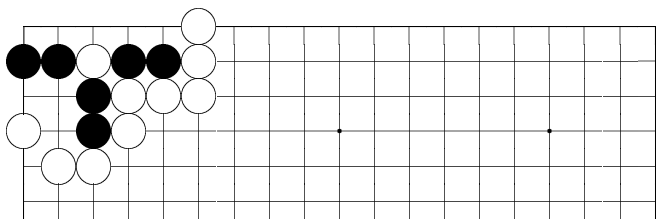
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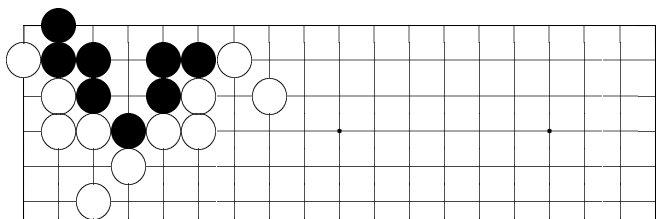
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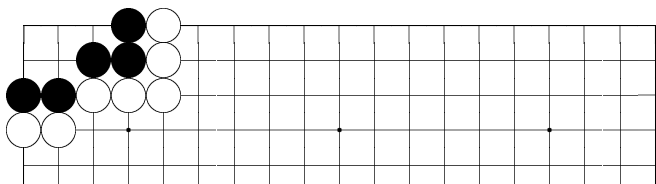
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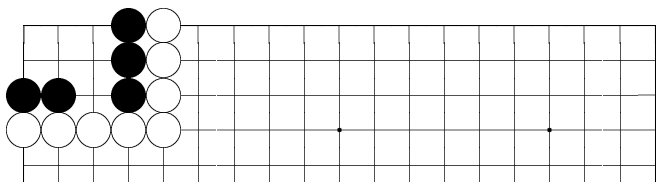
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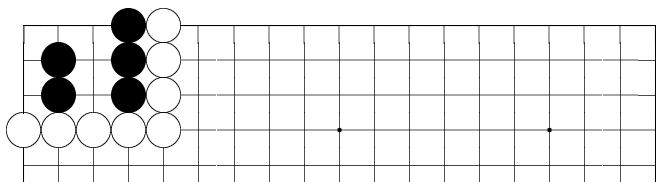
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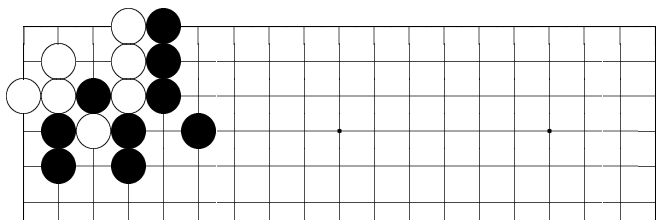
*problem 47*



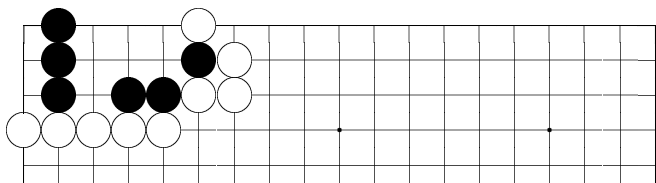
*problem 48*



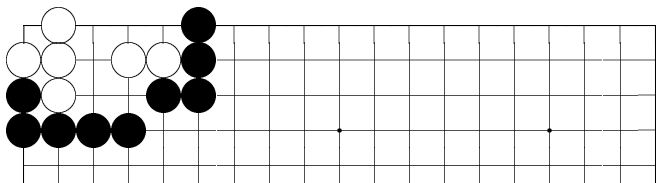
*problem 49*



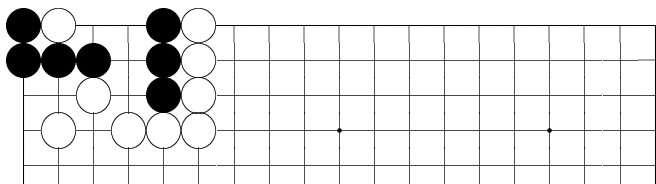
*problem 50*



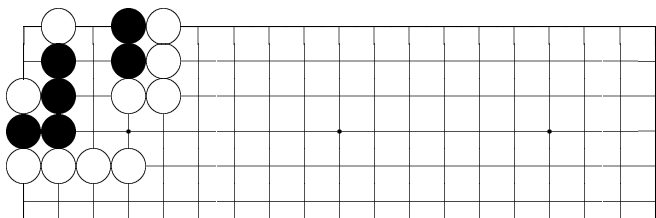
*problem 51*



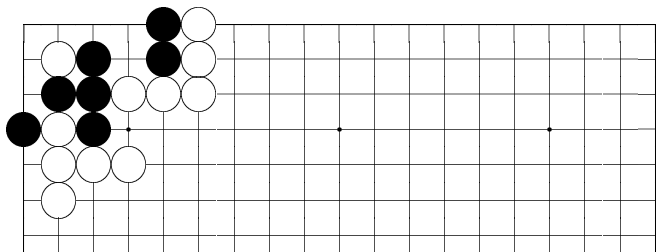
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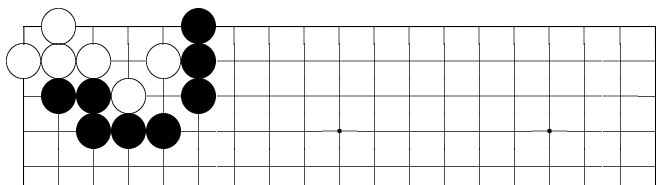
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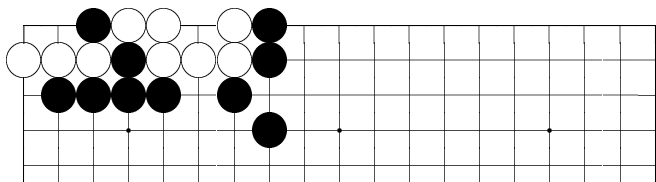
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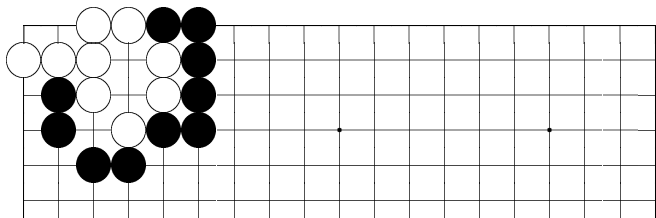
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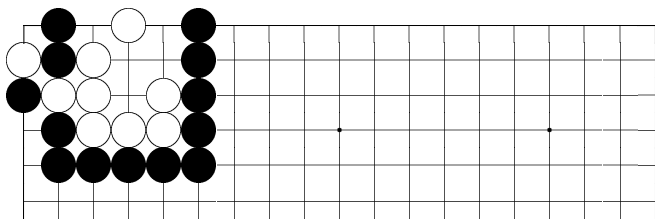
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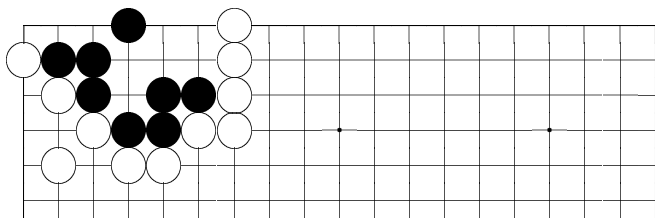
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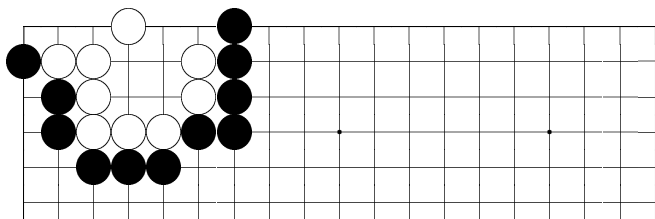
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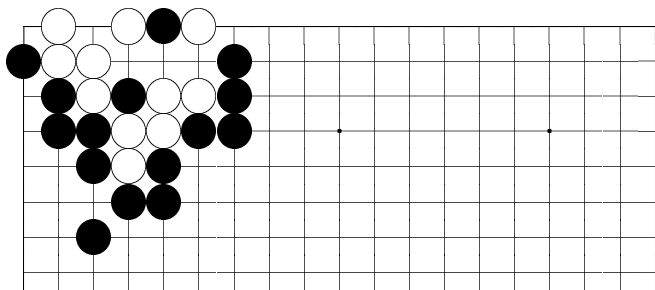
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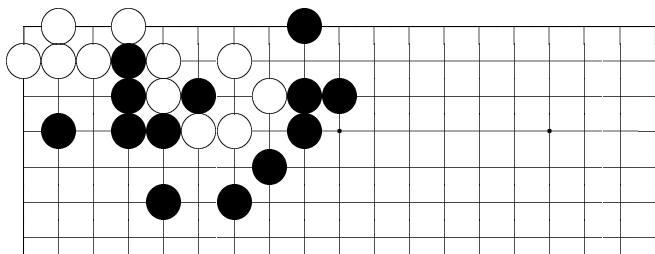
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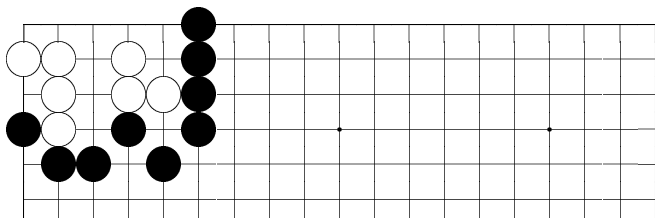
*problem 61*



*problem 62*

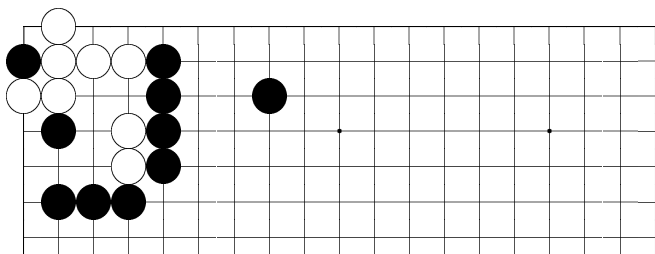


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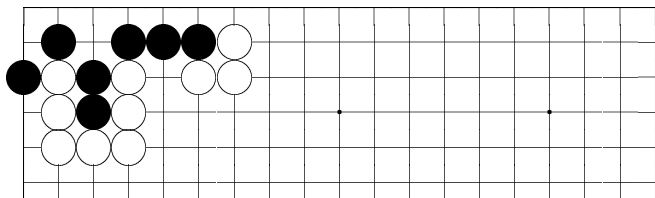


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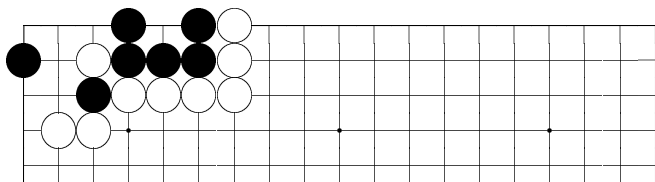




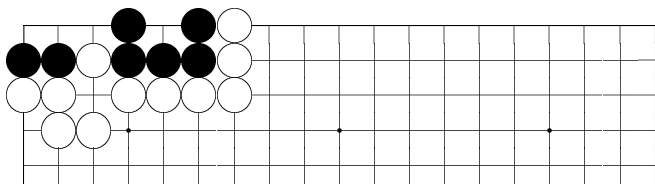
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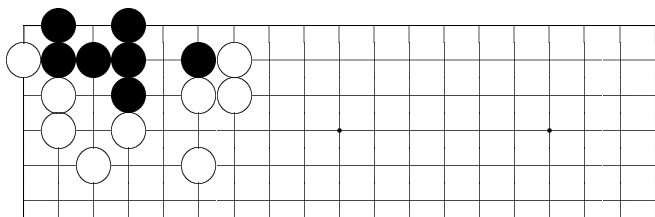
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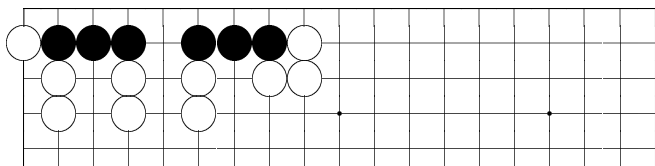
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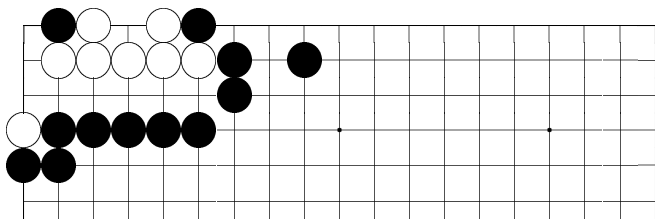
*problem 68*



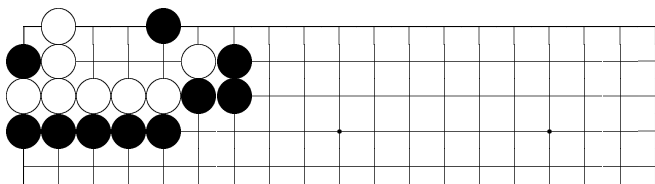
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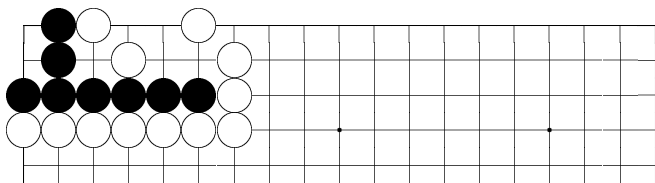
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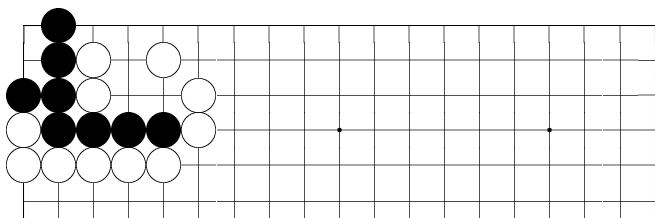
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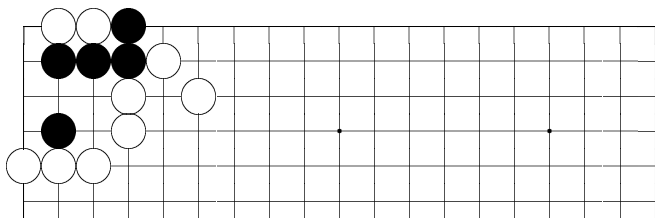
*problem 72*



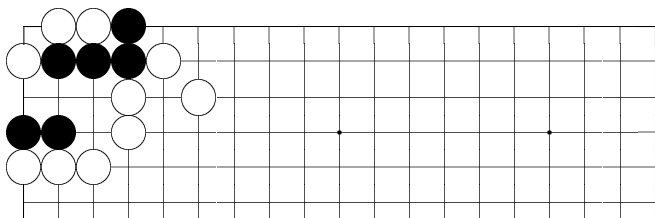
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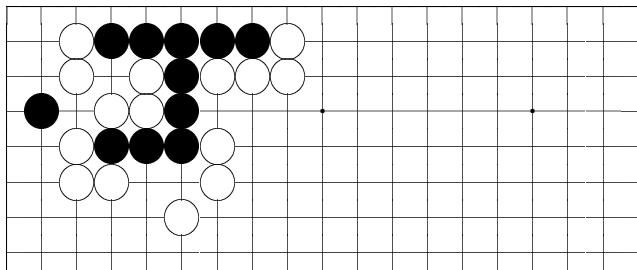
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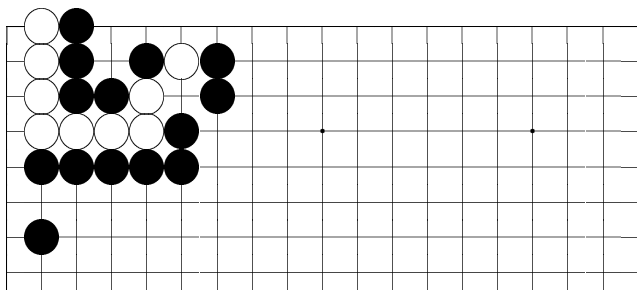
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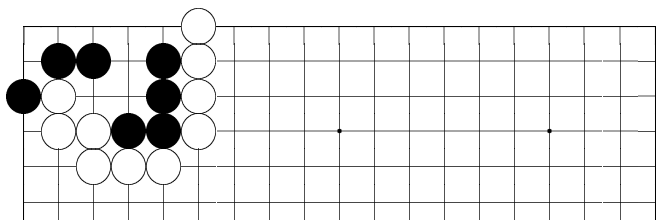
*problem 76*



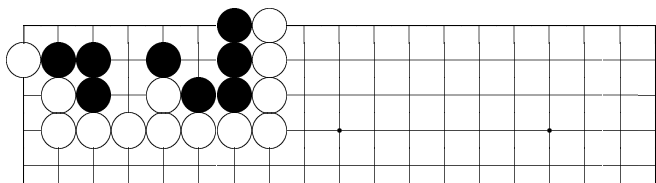
*problem 77*



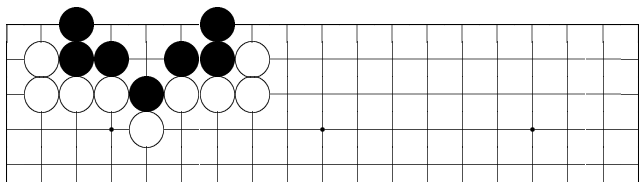
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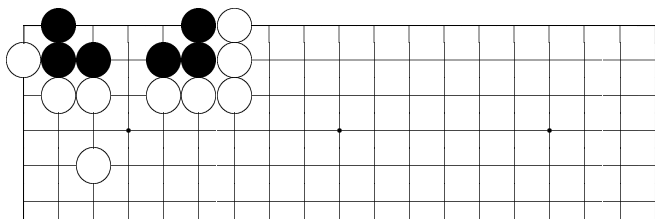
*problem 79*



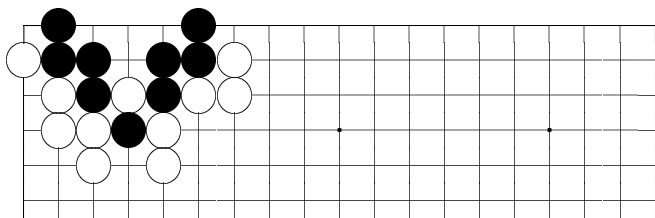
*problem 80*



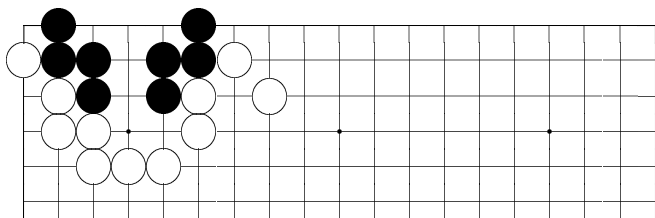
*problem 81*



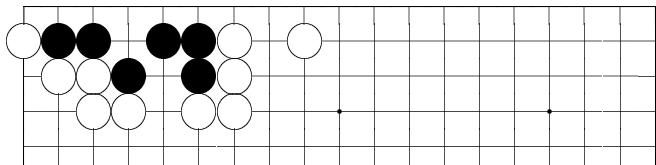
*problem 82*



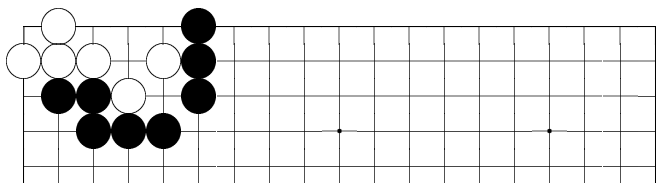
*problem 83*



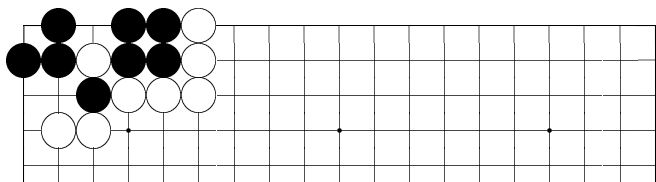
*problem 84*



*problem 85*

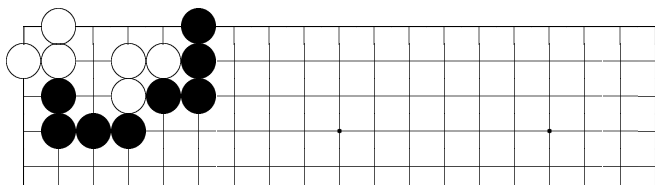


*problem 86*

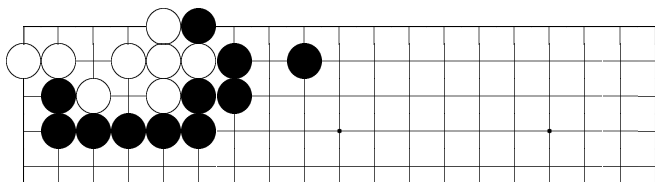


*problem 87*

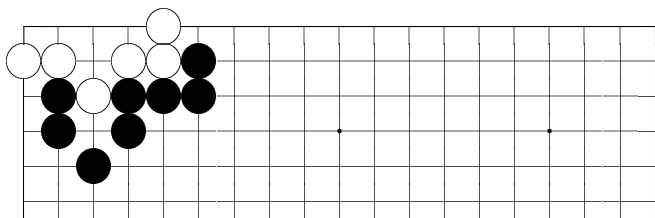




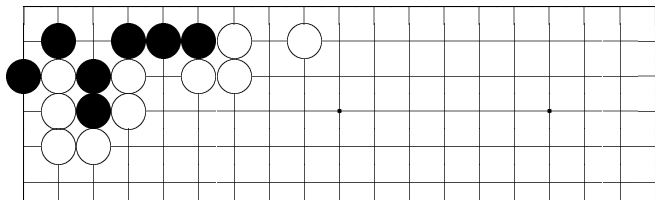
*problem 88*



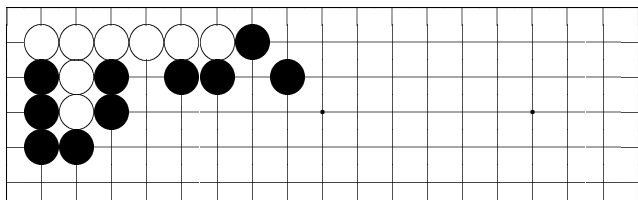
*problem 89*



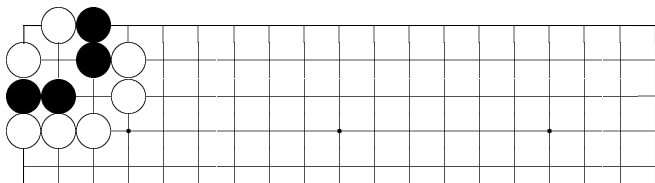
*problem 90*



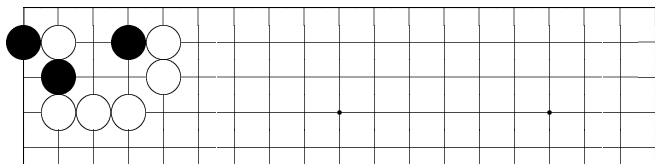
*problem 91*



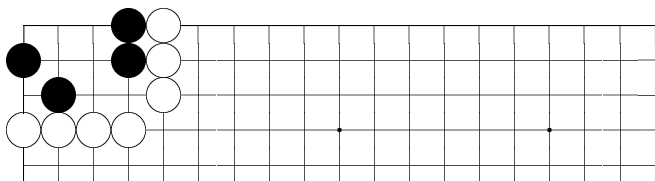
*problem 92*



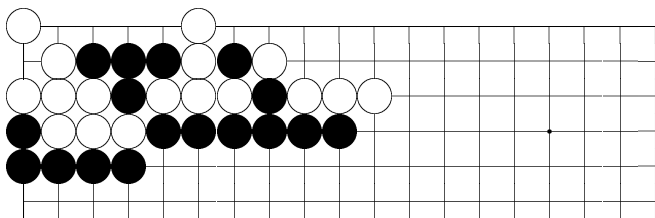
*problem 93*



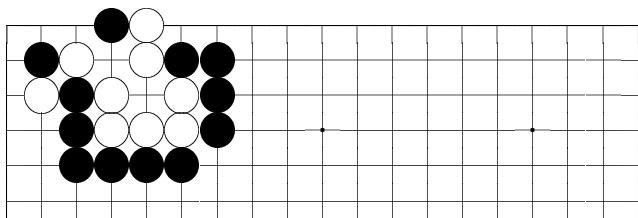
*problem 94*



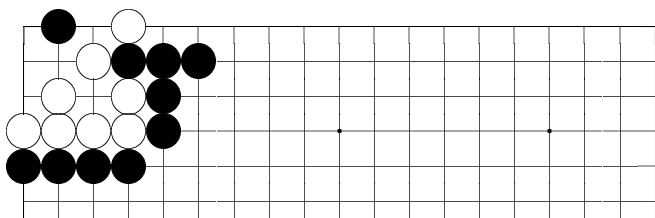
*problem 95*



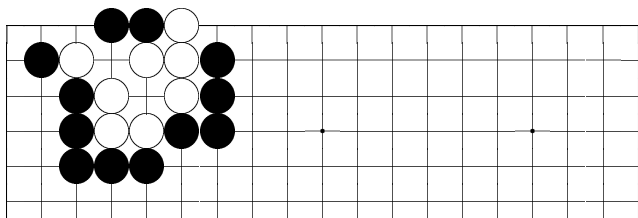
*problem 96*



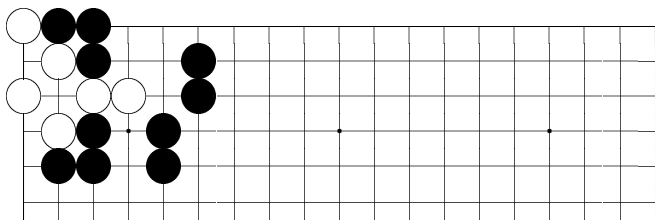
*problem 97*



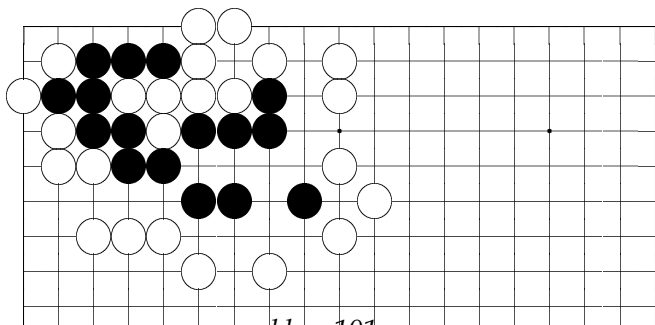
*problem 98*



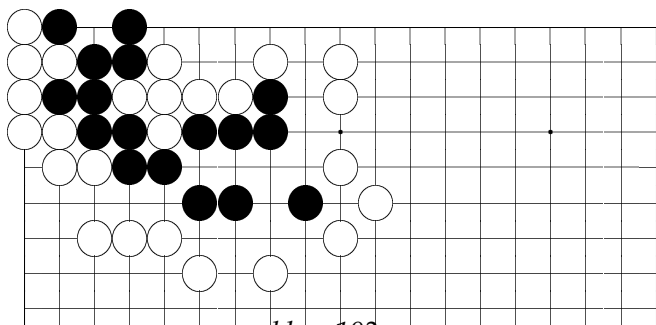
*problem 99*



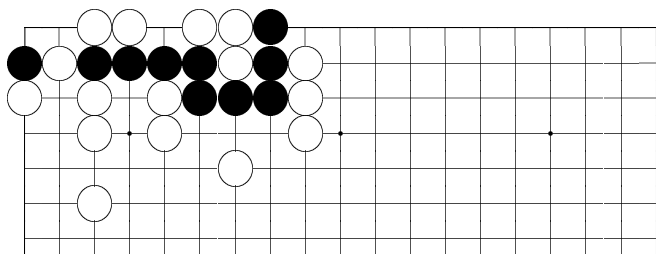
*problem 100*



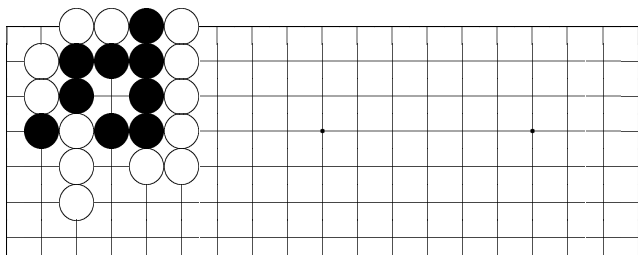
*problem 101*



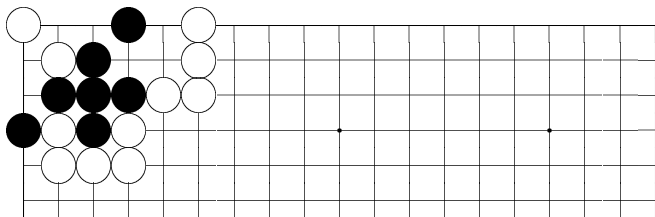
*problem 102*



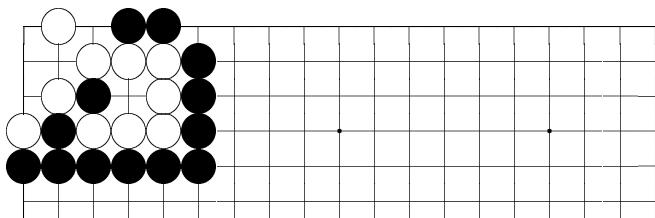
*problem 103*



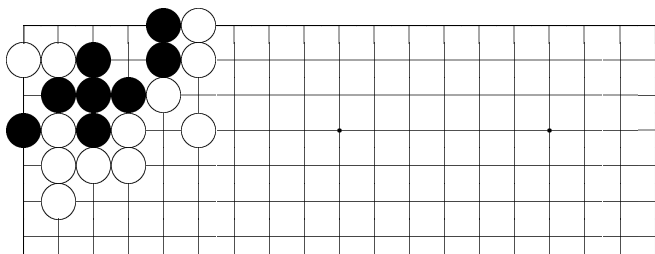
*problem 104*



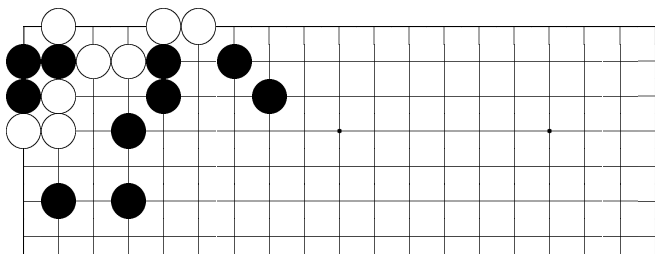
*problem 105*



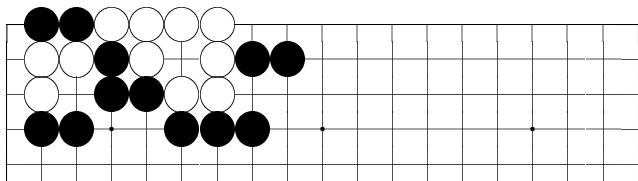
*problem 106*



*problem 107*

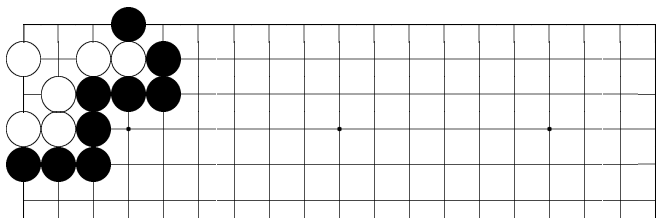


*problem 108*

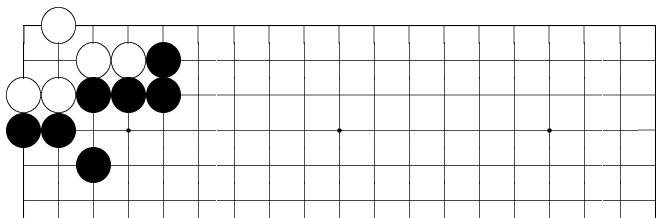


*problem 109*

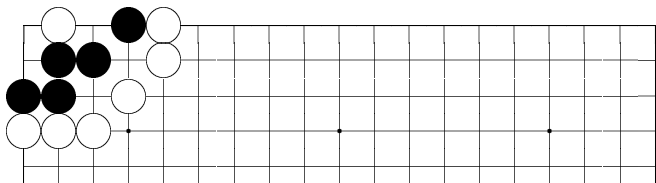




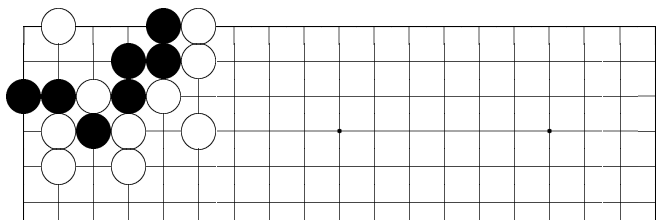
*problem 110*



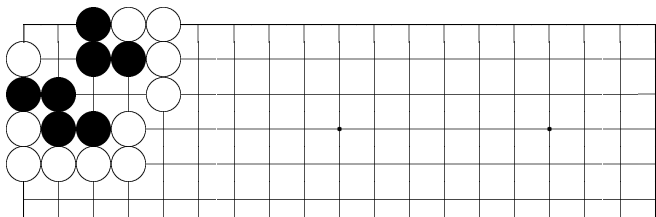
*problem 111*



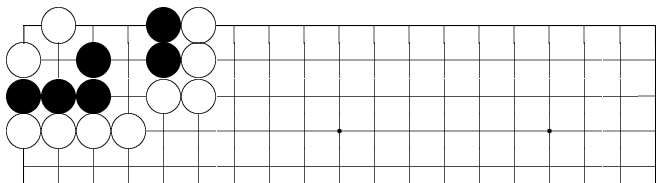
*problem 112*



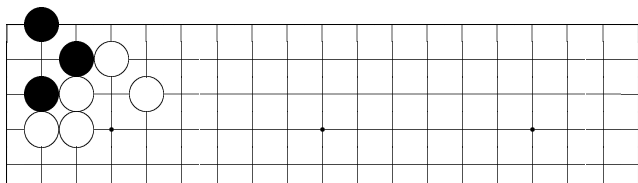
*problem 113*



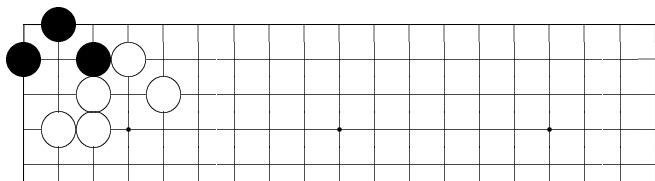
*problem 114*



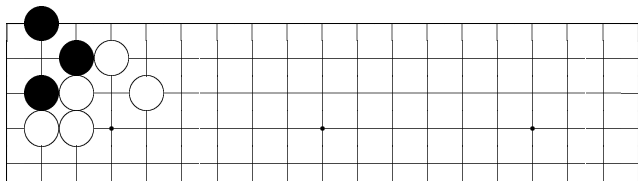
*problem 115*



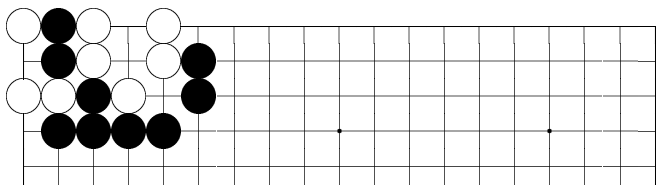
*problem 116*



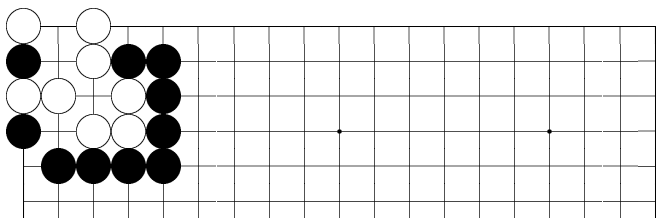
*problem 117*



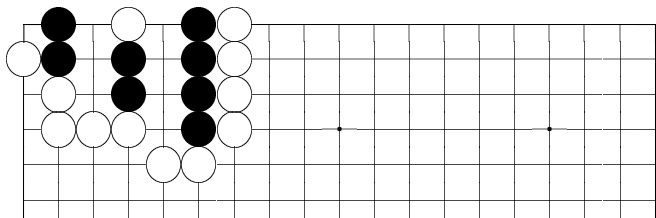
*problem 118*



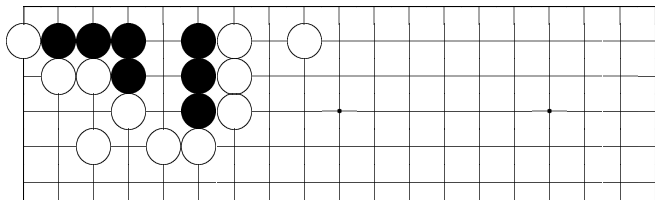
*problem 119*



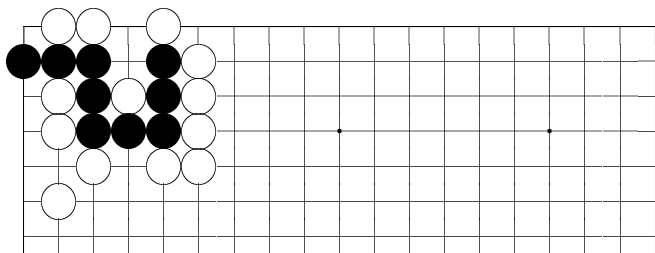
*problem 120*



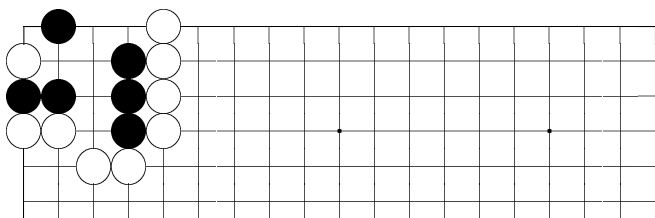
*problem 121*



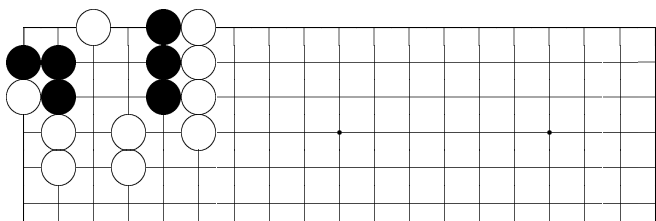
*problem 122*



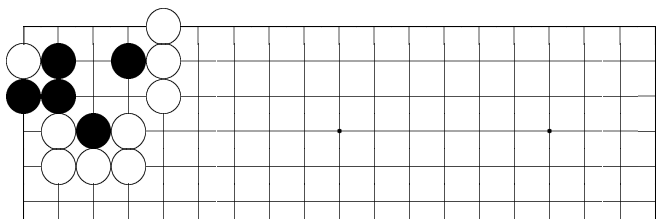
*problem 123*



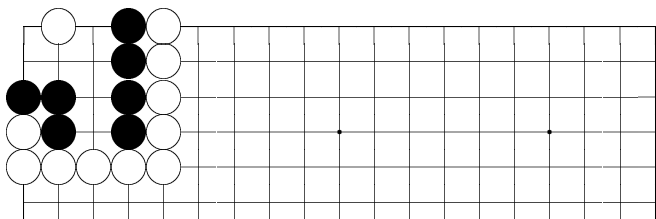
*problem 124*



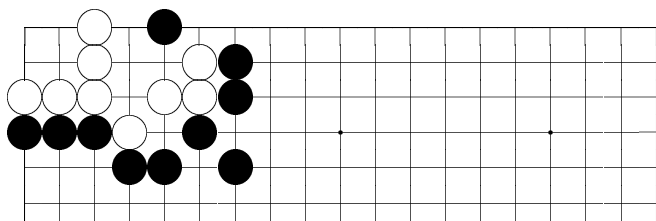
*problem 125*



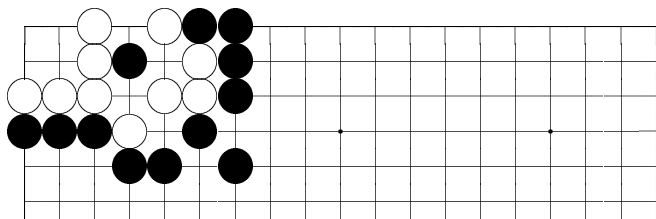
*problem 126*



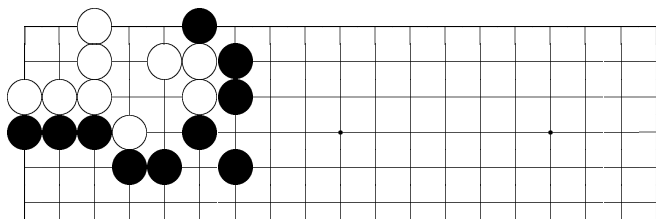
*problem 127*



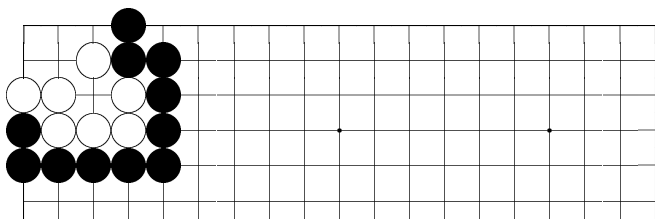
*problem 128*



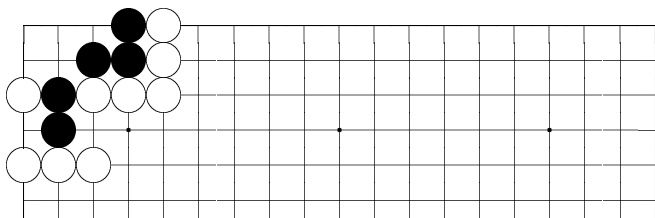
*problem 129*



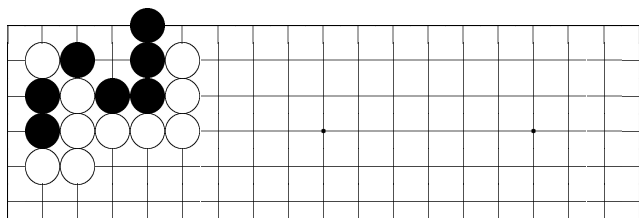
*problem 130*



*problem 131*

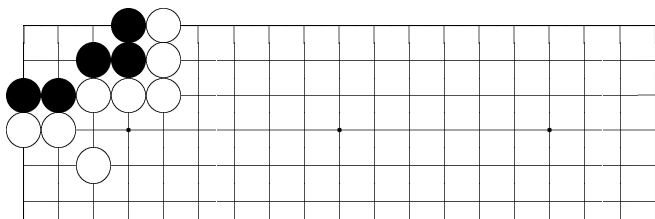


*problem 132*

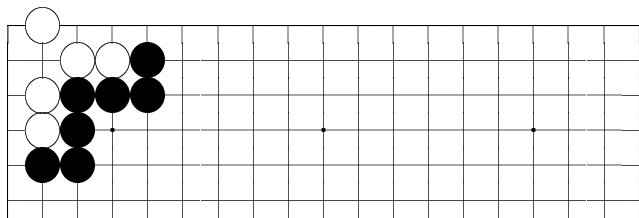


*problem 133*

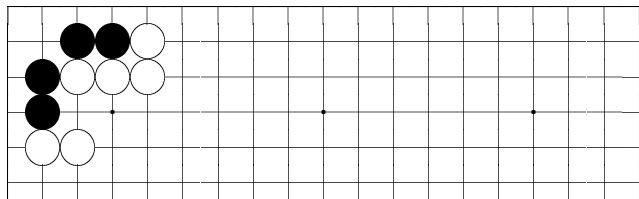




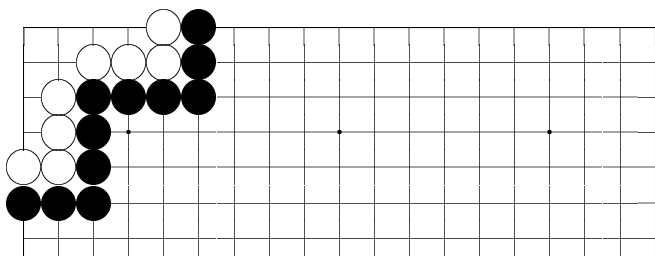
*problem 134*



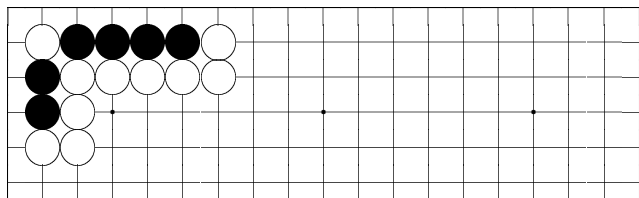
*problem 135*



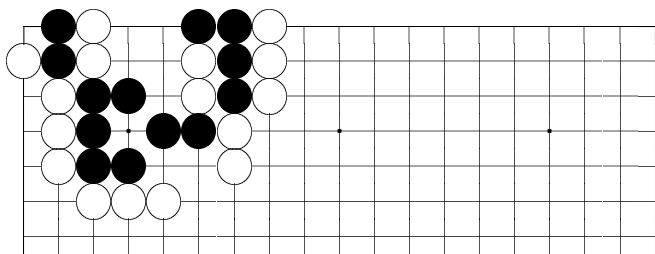
*problem 136*



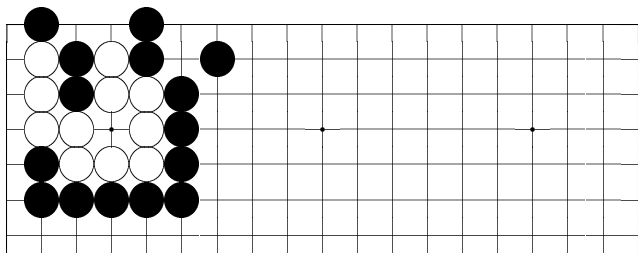
*problem 137*



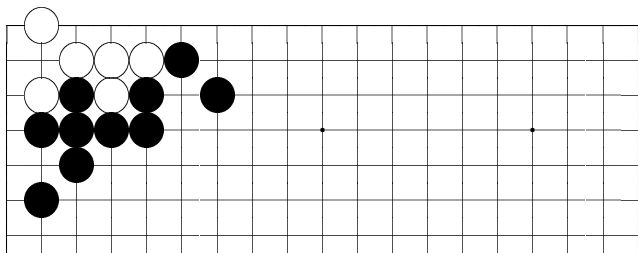
*problem 138*



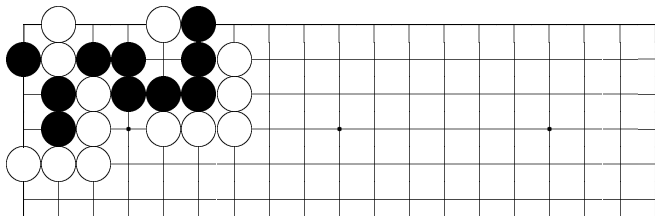
*problem 139*



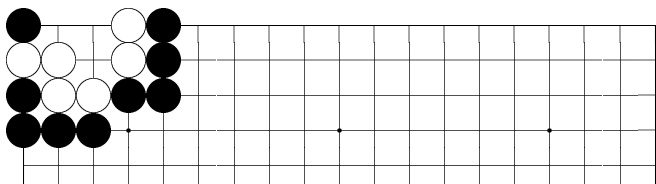
*problem 140*



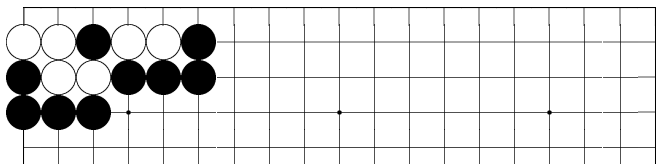
*problem 141*



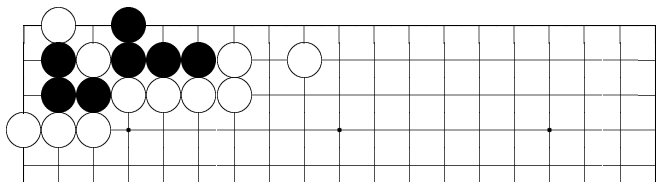
*problem 142*



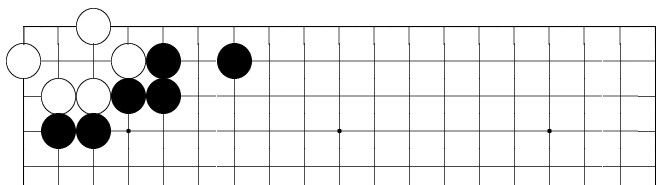
*problem 143*



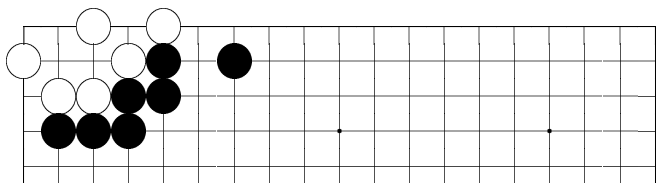
*problem 144*



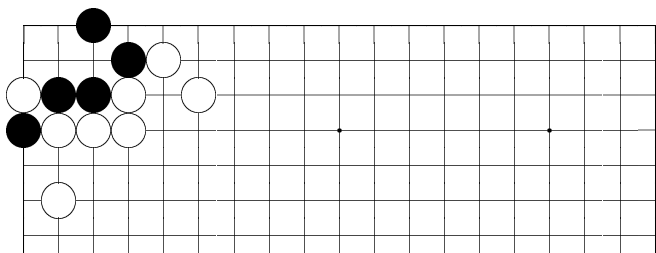
*problem 145*



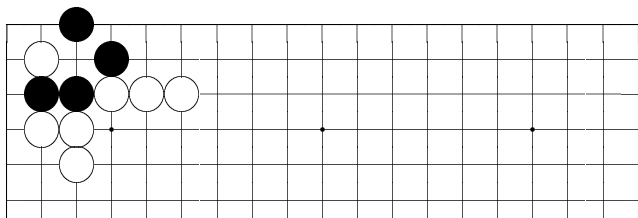
*problem 146*



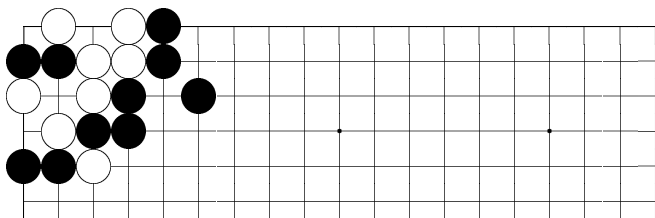
*problem 147*



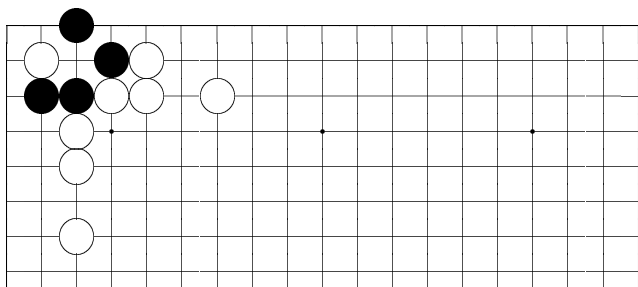
*problem 148*



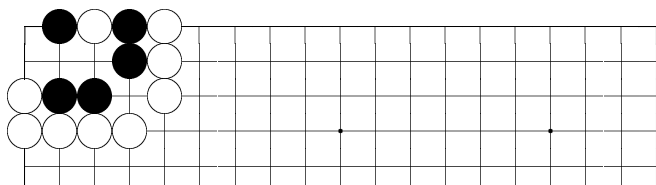
*problem 149*



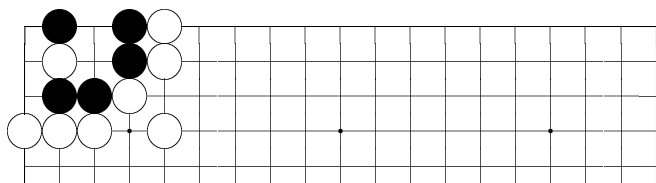
*problem 150*



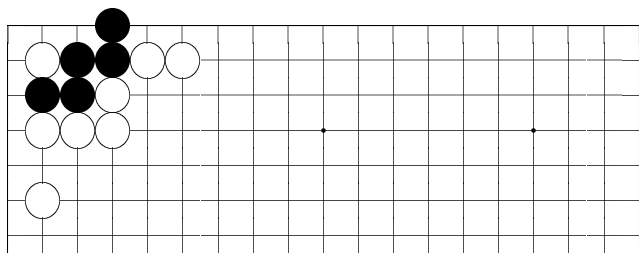
*problem 151*



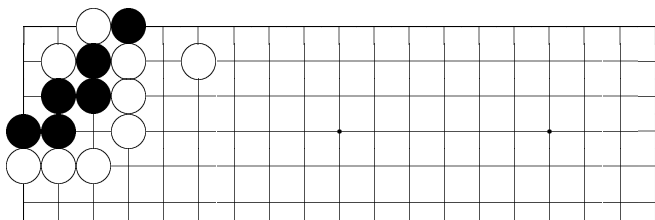
*problem 152*



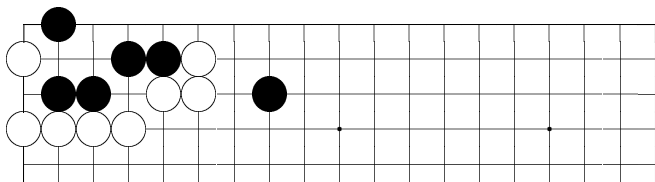
*problem 153*



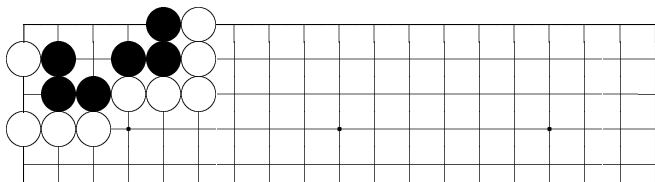
*problem 154*



*problem 155*

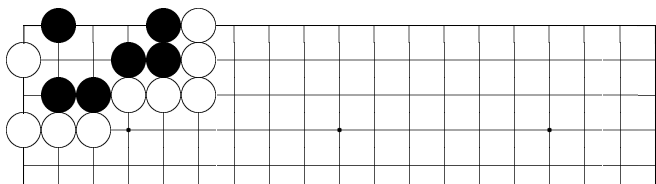


*problem 156*

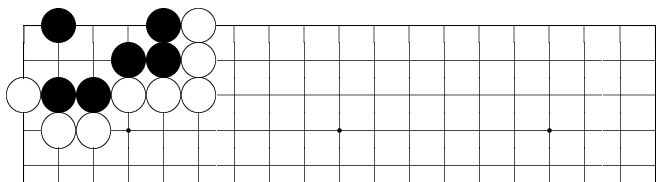


*problem 157*

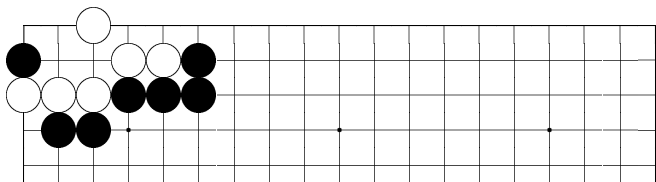




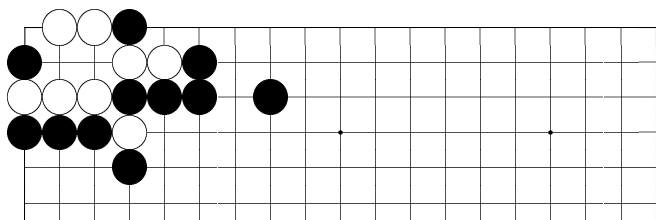
*problem 158*



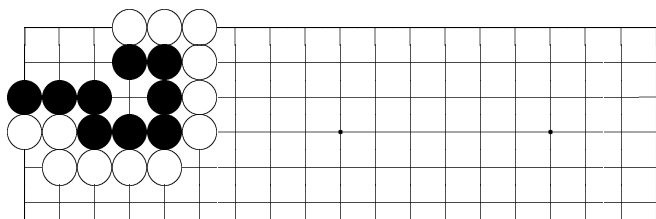
*problem 159*



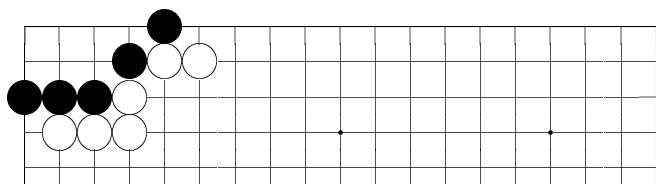
*problem 160*



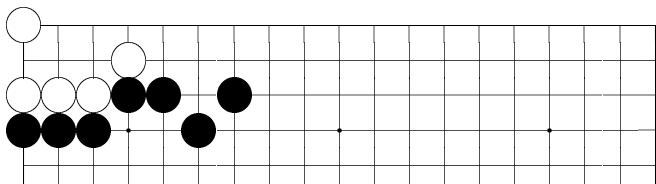
*problem 161*



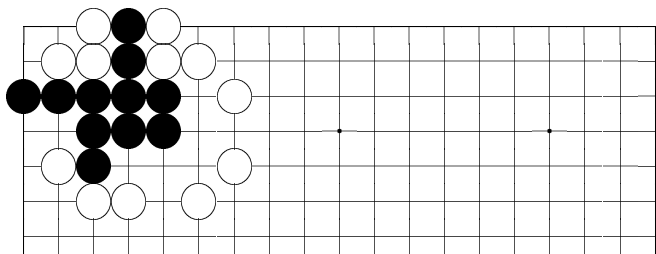
*problem 162*



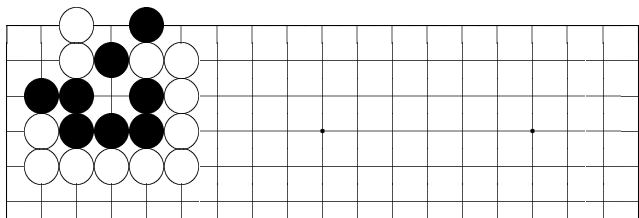
*problem 163*



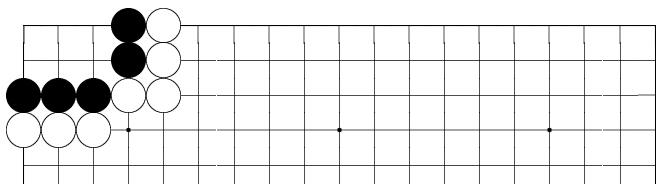
*problem 164*



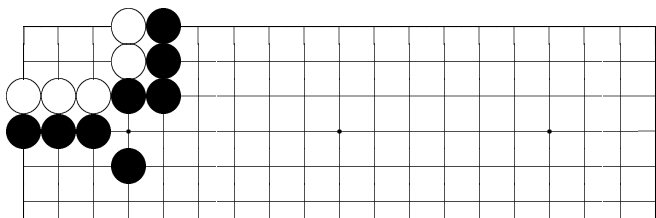
*problem 165*



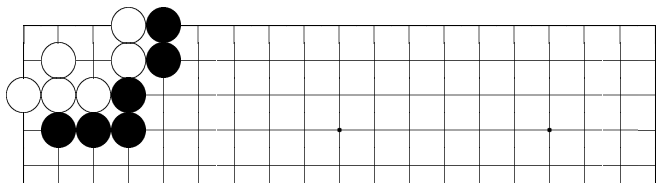
*problem 166*



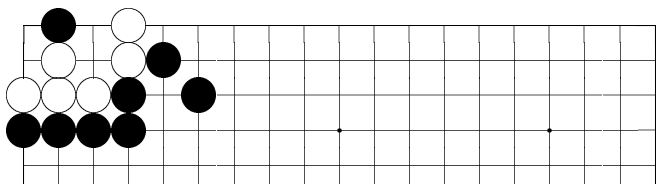
*problem 167*



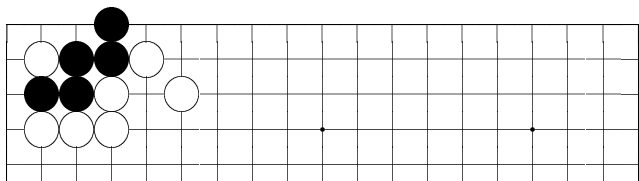
*problem 168*



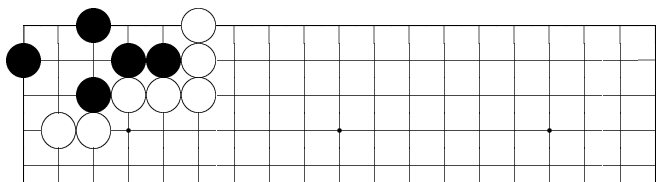
*problem 169*



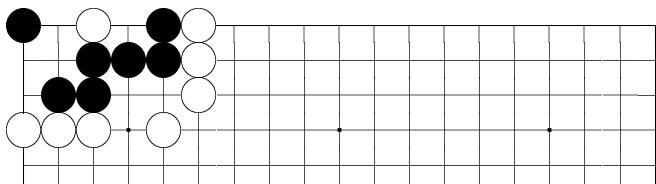
*problem 170*



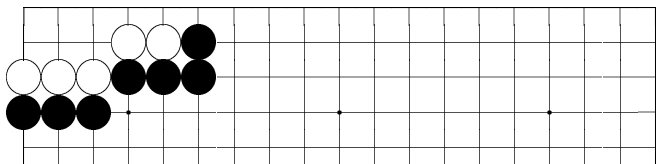
*problem 171*



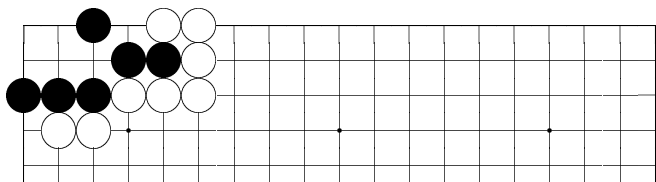
*problem 172*



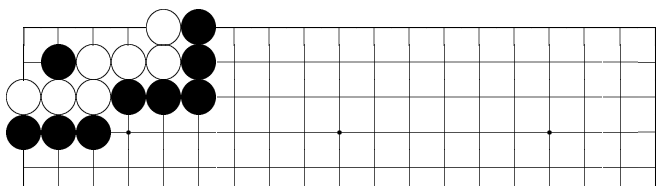
*problem 173*



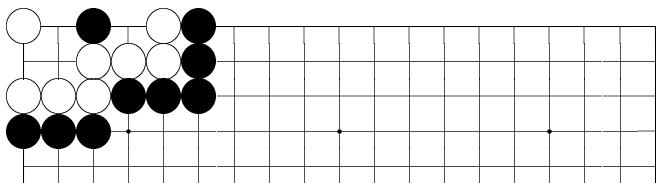
*problem 174*



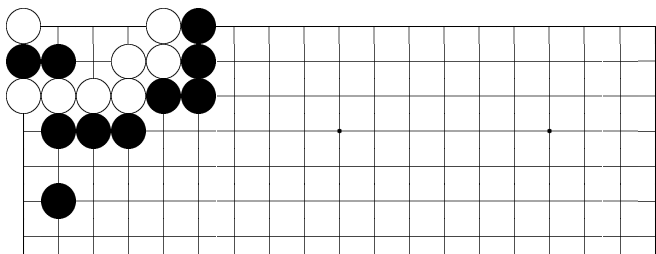
*problem 175*



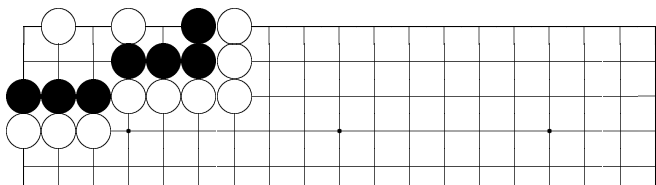
*problem 176*



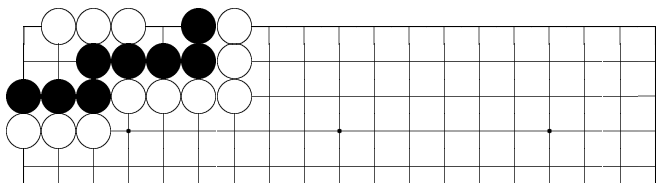
*problem 177*



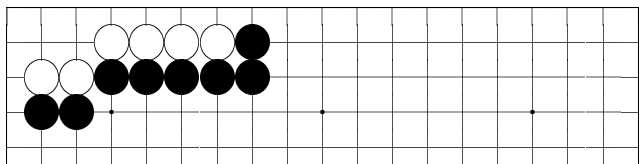
*problem 178*



*problem 179*

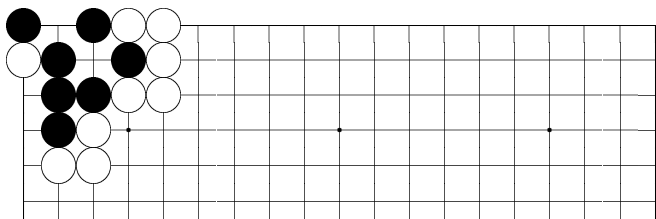


*problem 180*

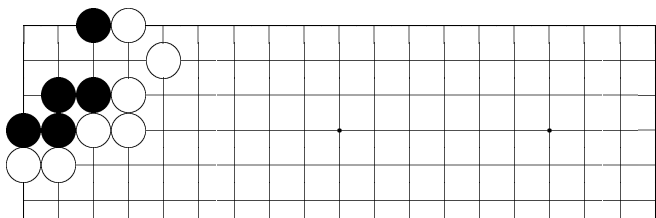


*problem 181*

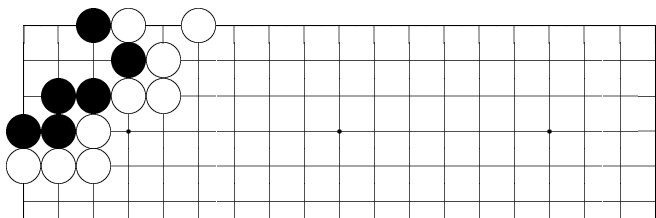




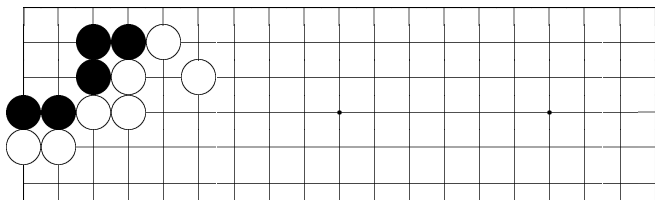
*problem 182*



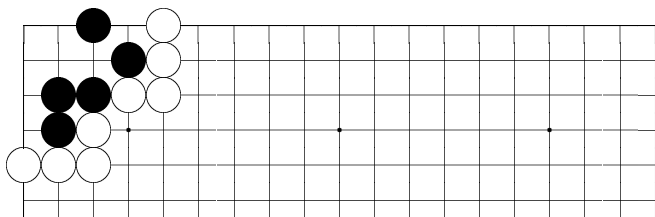
*problem 183*



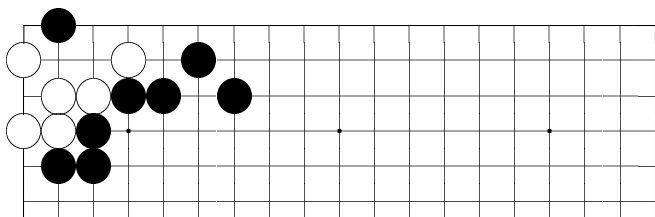
*problem 184*



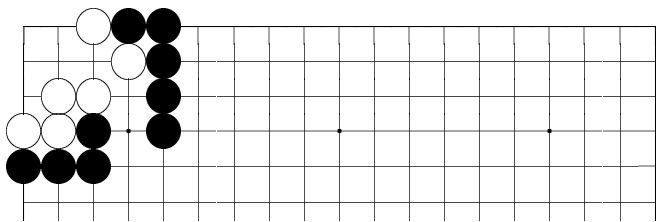
*problem 185*



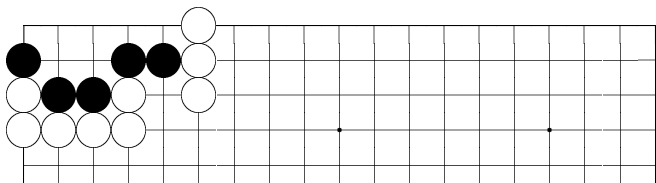
*problem 186*



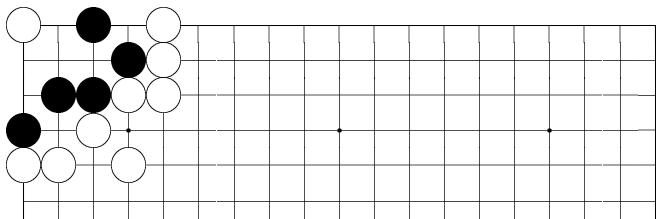
*problem 187*



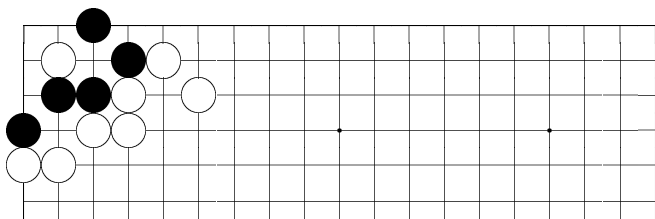
*problem 188*



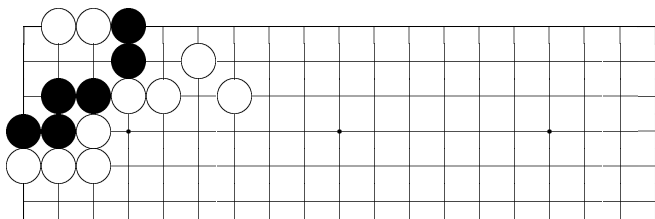
*problem 189*



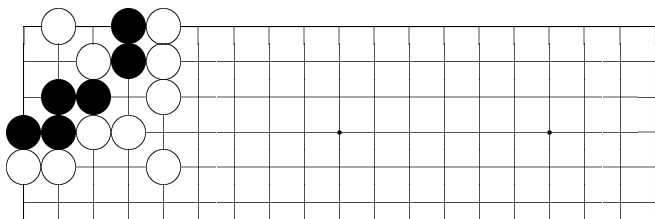
*problem 230*



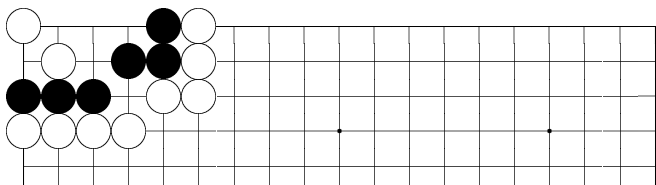
*problem 191*



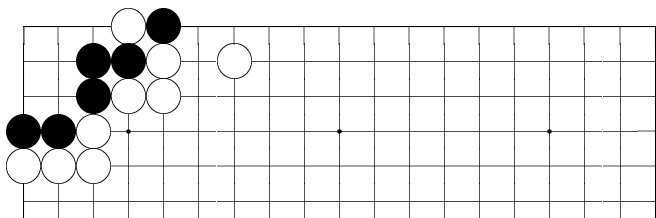
*problem 192*



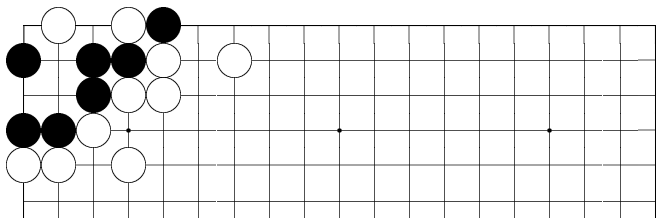
*problem 193*



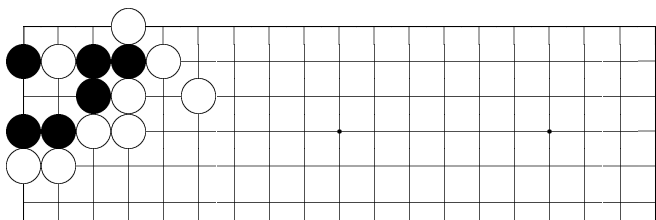
*problem 194*



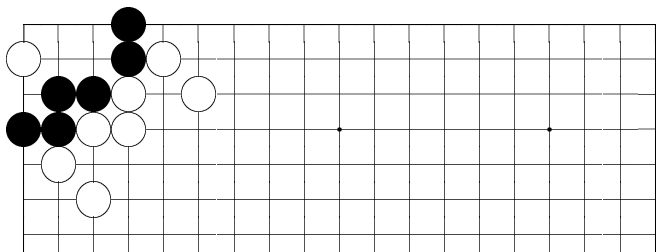
*problem 195*



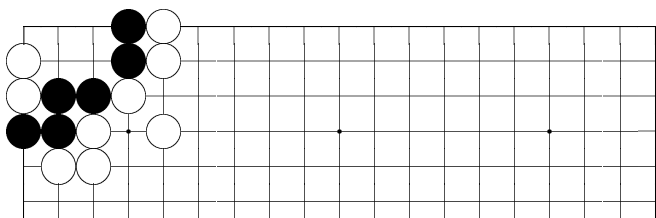
*problem 196*



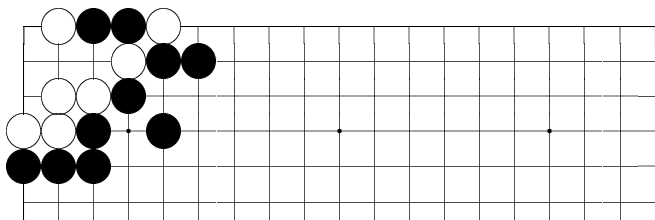
*problem 197*



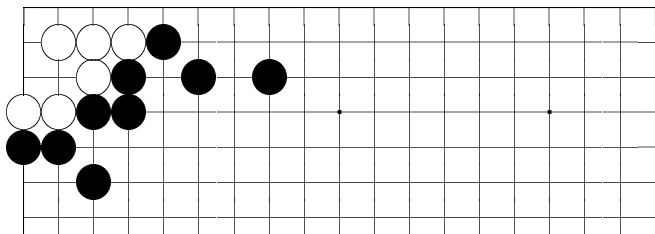
*problem 198*



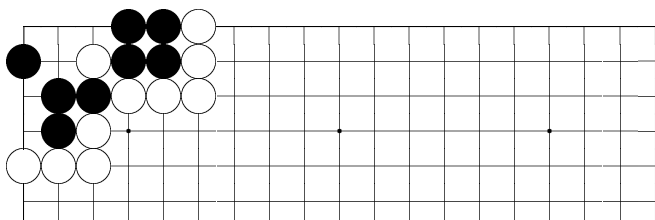
*problem 199*



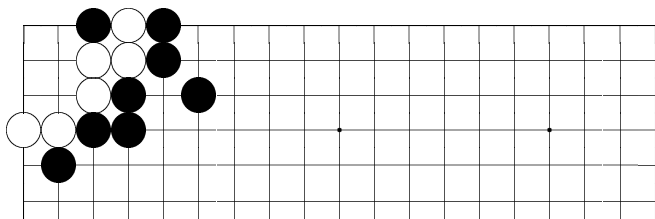
*problem 200*



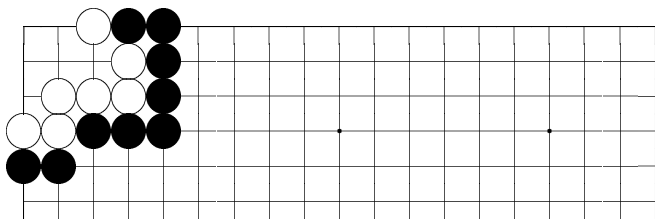
*problem 201*



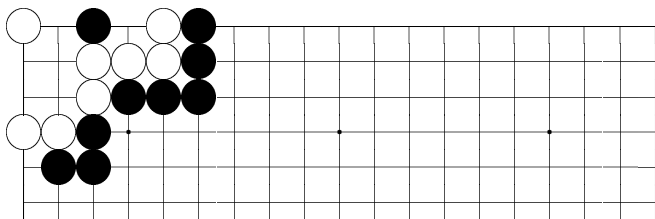
*problem 202*



*problem 203*

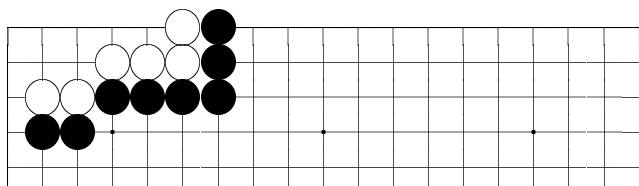


*problem 204*

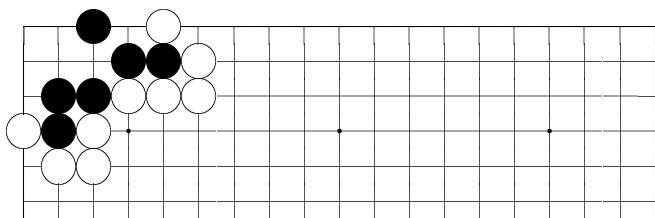


*problem 205*

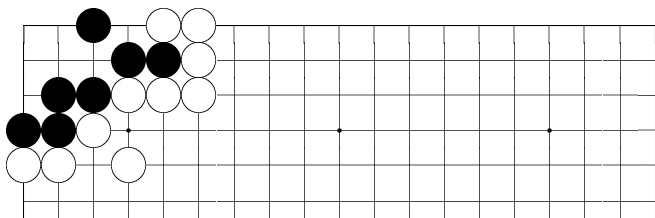




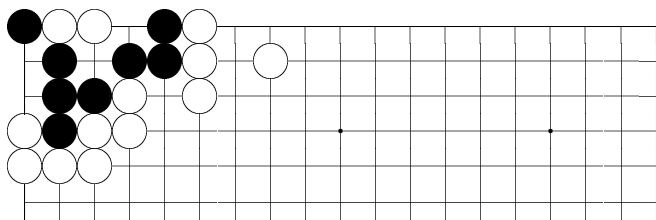
*problem 206*



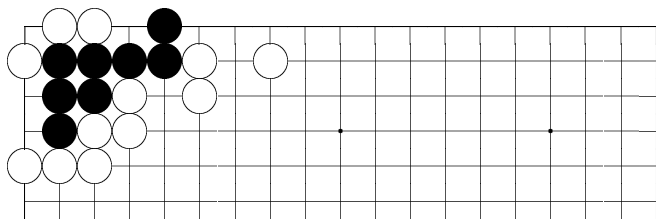
*problem 207*



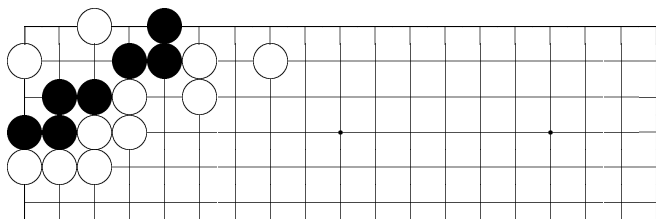
*problem 208*



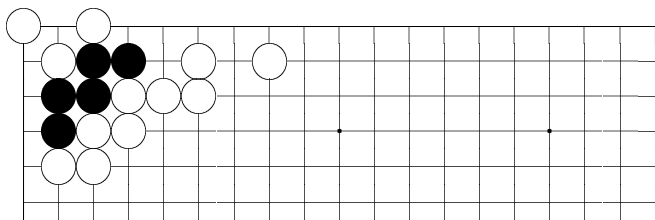
*problem 209*



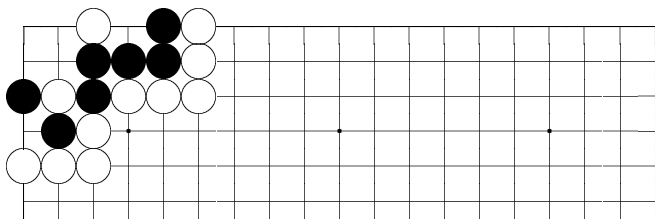
*problem 210*



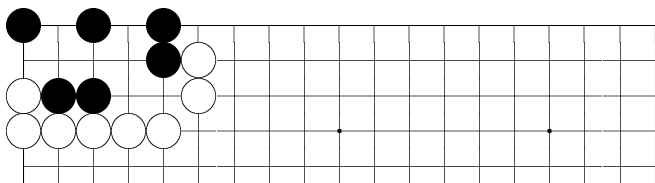
*problem 211*



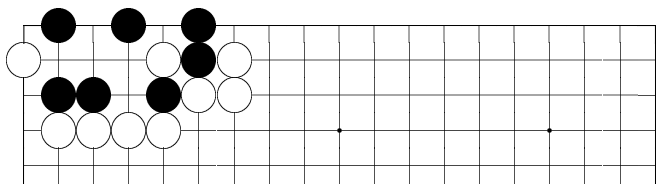
*problem 212*



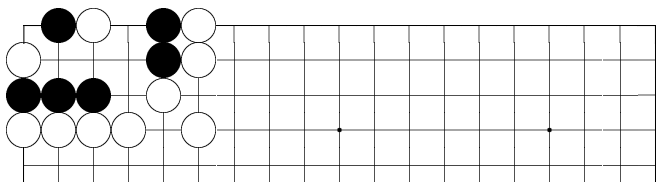
*problem 213*



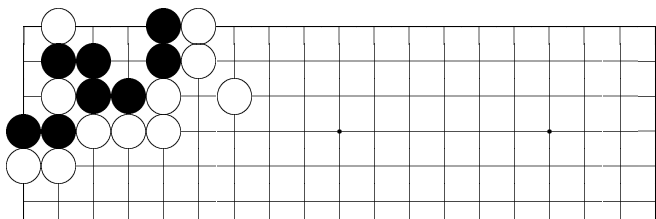
*problem 214*



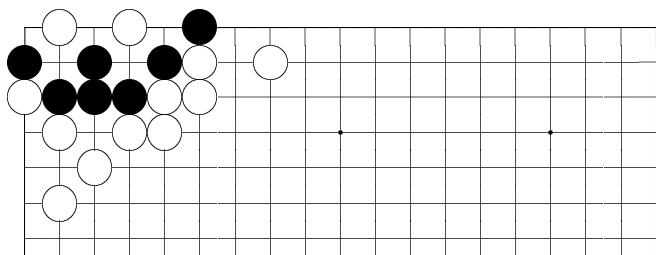
*problem 215*



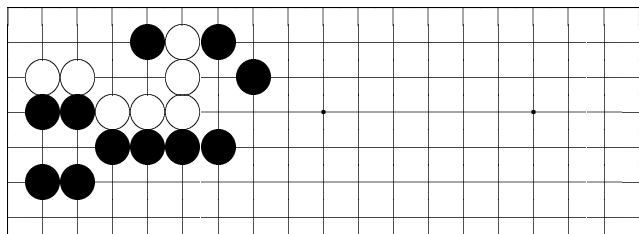
*problem 216*



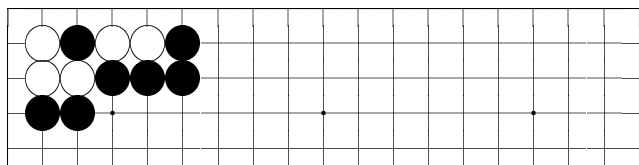
*problem 217*



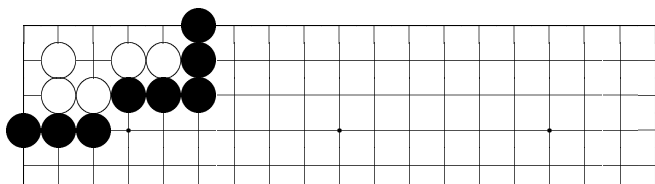
*problem 218*



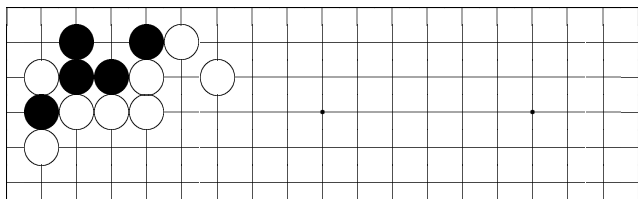
*problem 219*



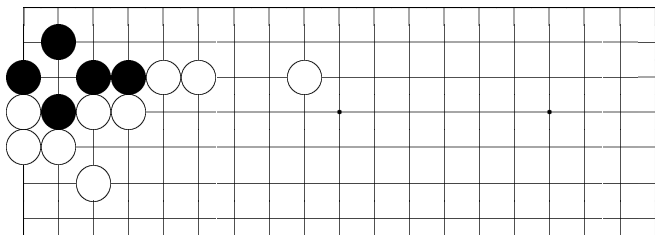
*problem 220*



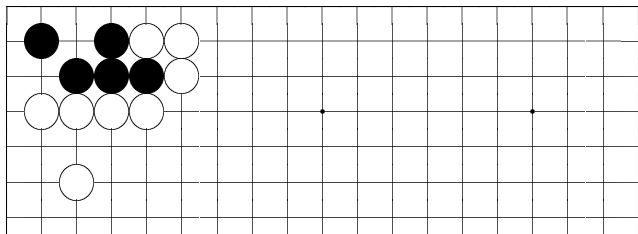
*problem 221*



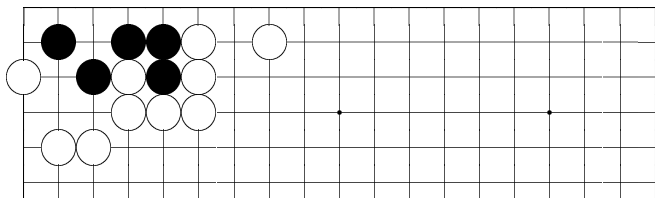
*problem 222*



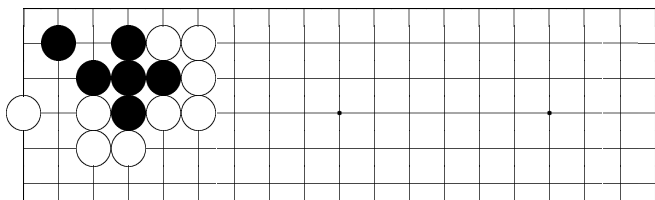
*problem 223*



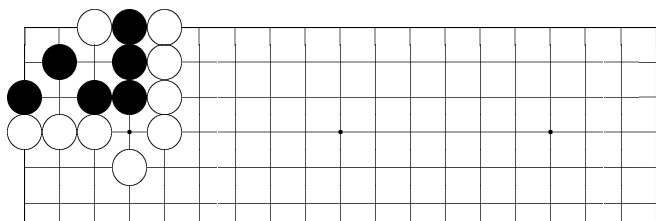
*problem 224*



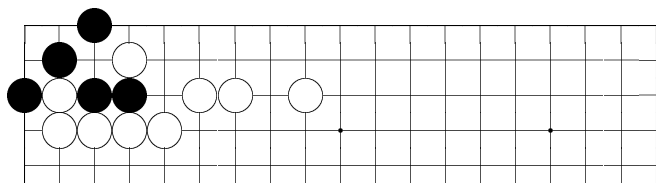
*problem 225*



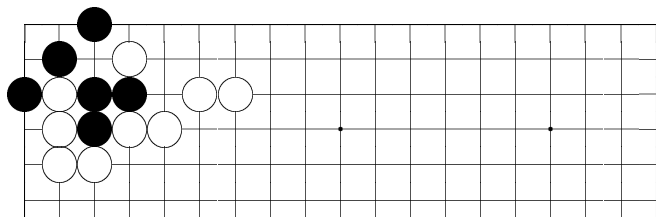
*problem 226*



*problem 227*

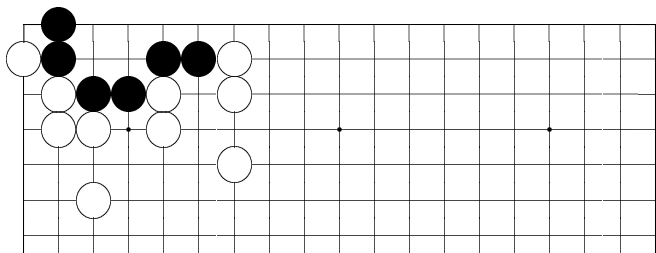


*problem 228*

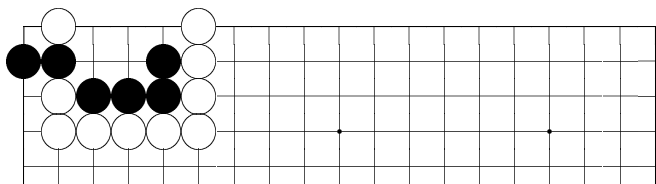


*problem 229*

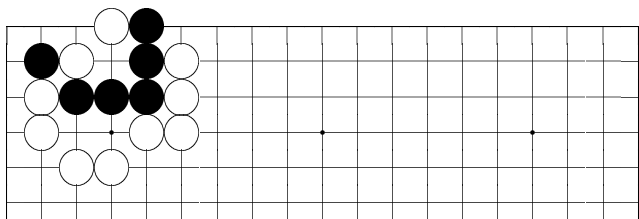




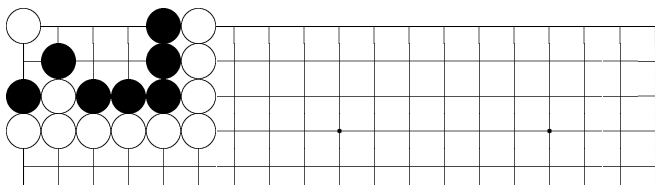
*problem 230*



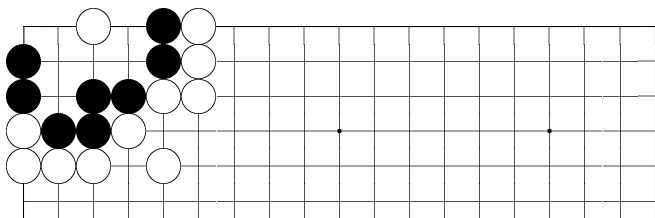
*problem 231*



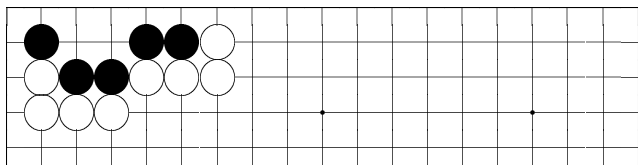
*problem 232*



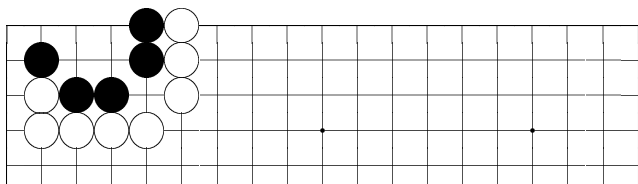
*problem 233*



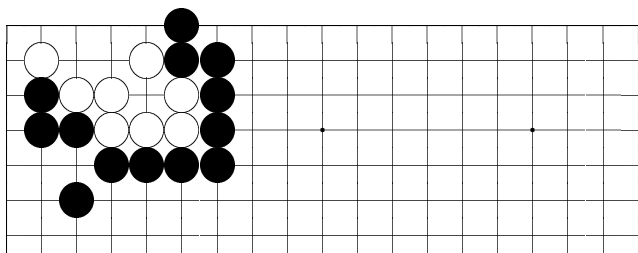
*problem 234*



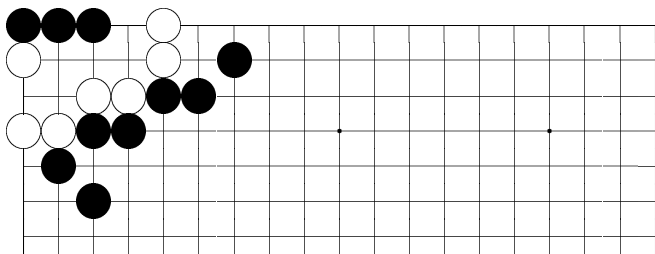
*problem 235*



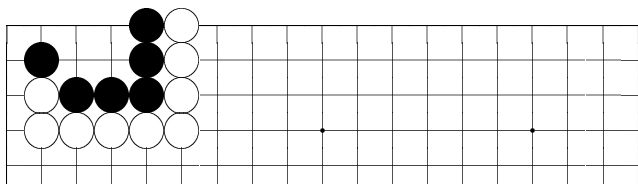
*problem 236*



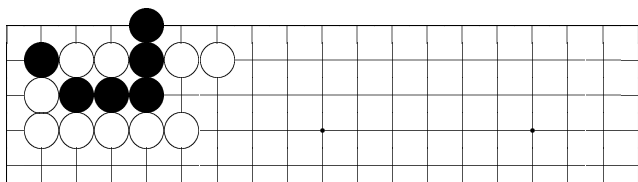
*problem 237*



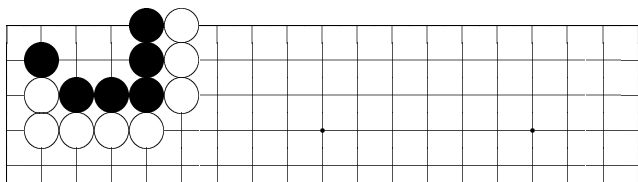
*problem 238*



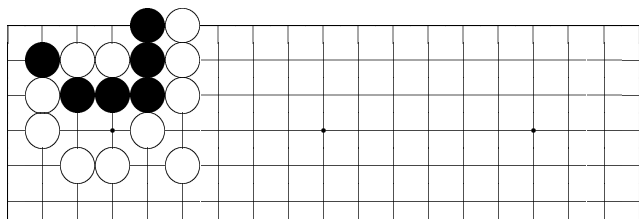
*problem 239*



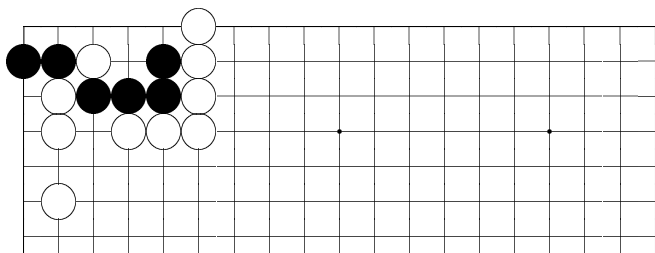
*problem 240*



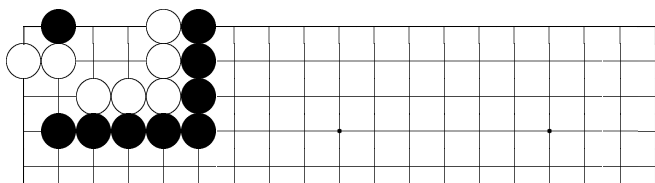
*problem 241*



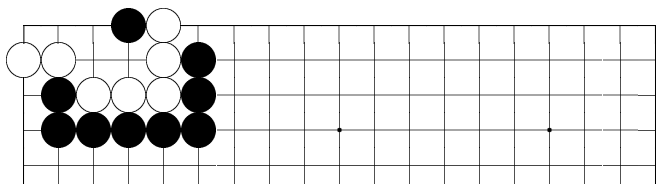
*problem 242*



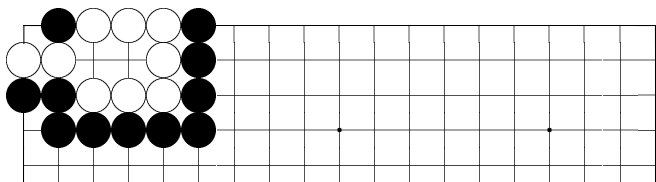
*problem 243*



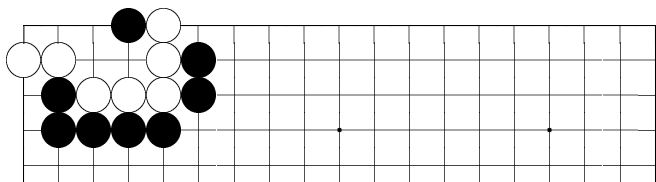
*problem 244*



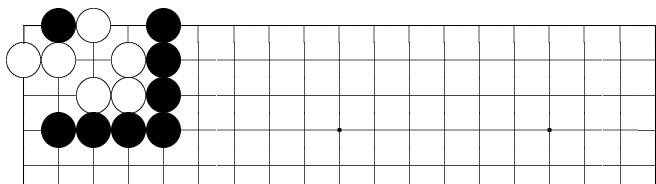
*problem 245*



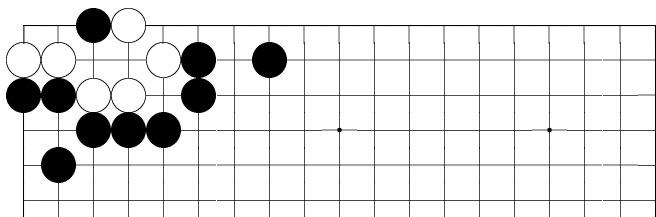
*problem 246*



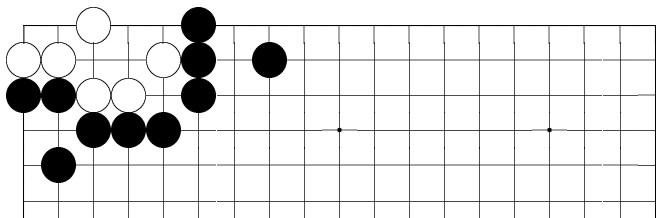
*problem 247*



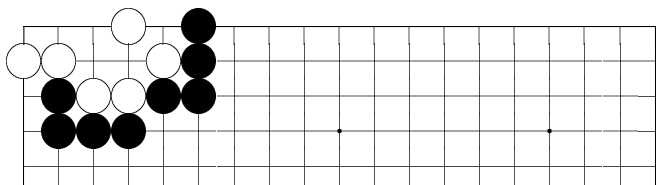
*problem 248*



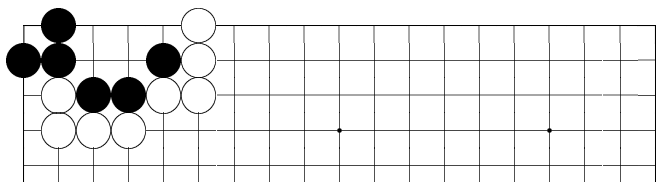
*problem 249*



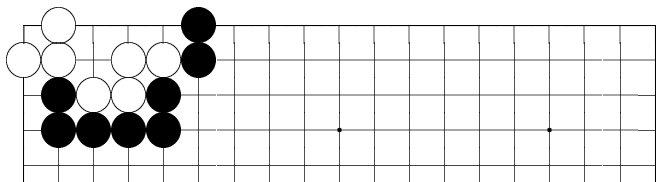
*problem 250*



*problem 251*

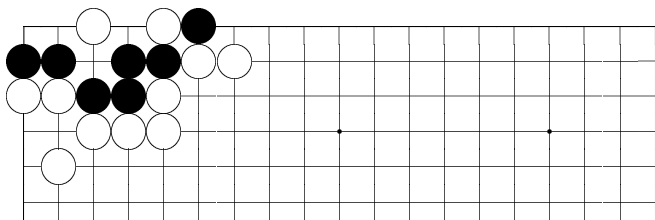


*problem 252*

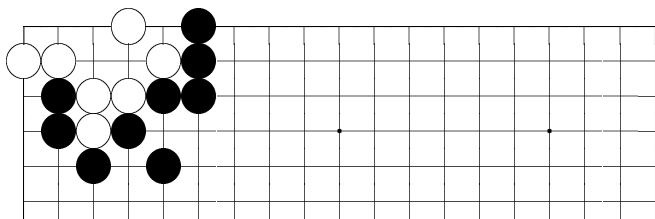


*problem 253*

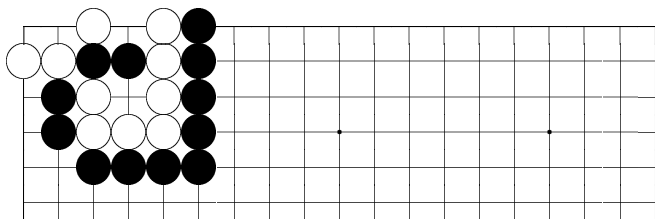




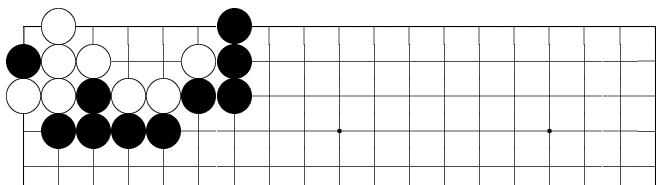
*problem 254*



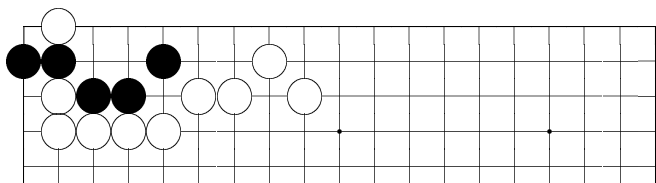
*problem 255*



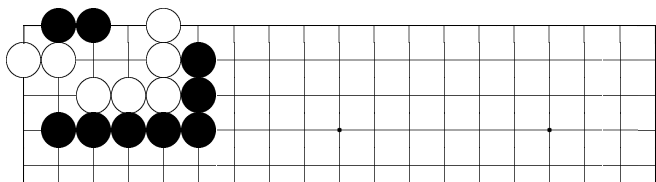
*problem 256*



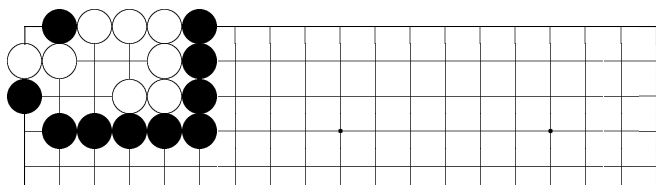
*problem 257*



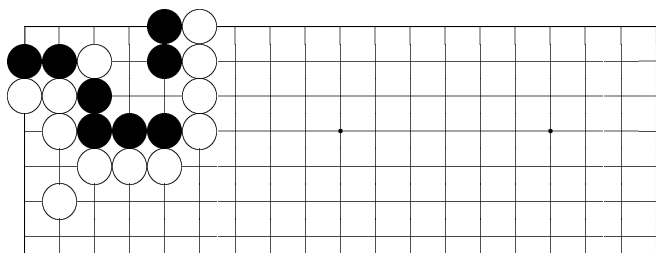
*problem 258*



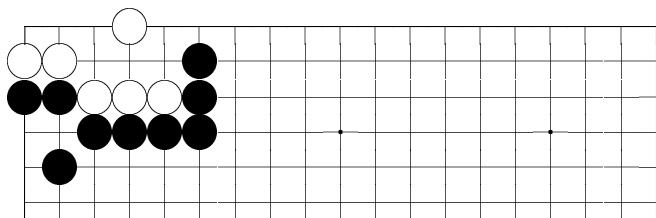
*problem 259*



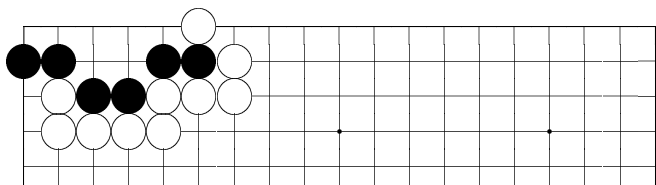
*problem 260*



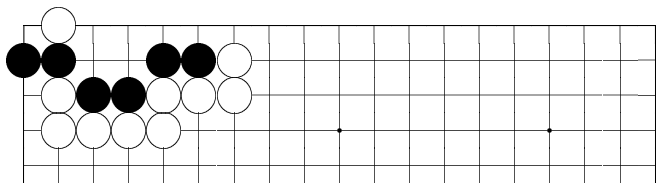
*problem 261*



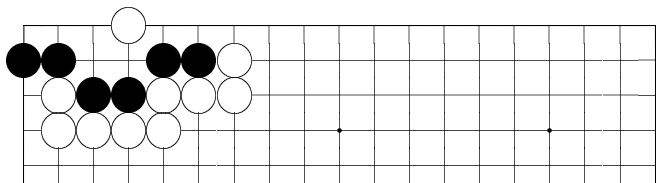
*problem 262*



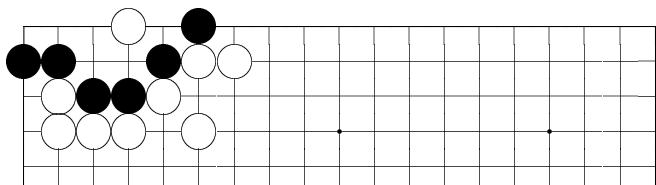
*problem 263*



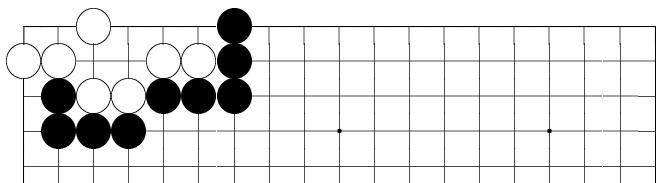
*problem 264*



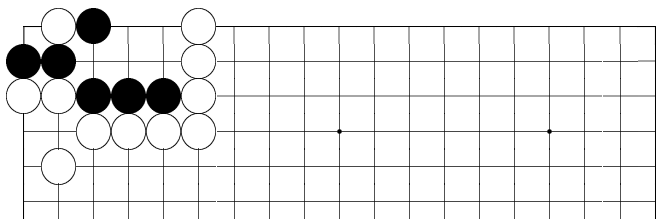
*problem 265*



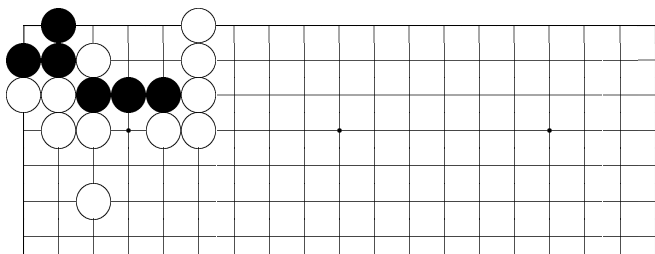
*problem 266*



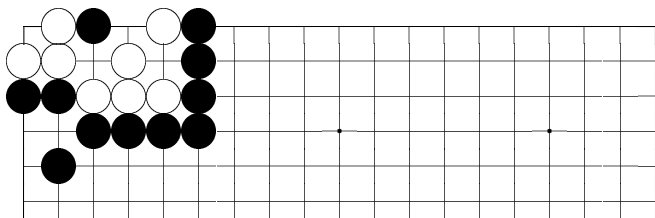
*problem 267*



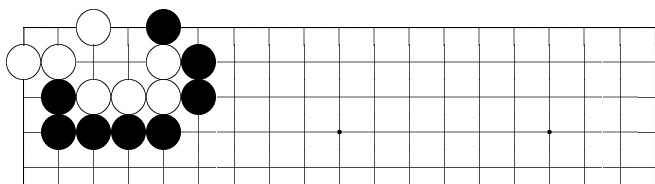
*problem 268*



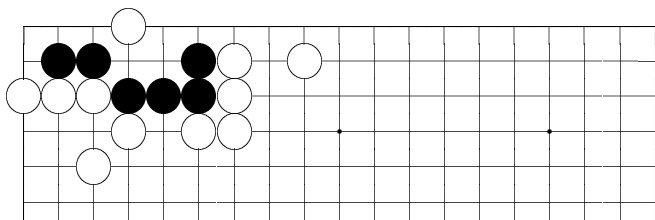
*problem 269*



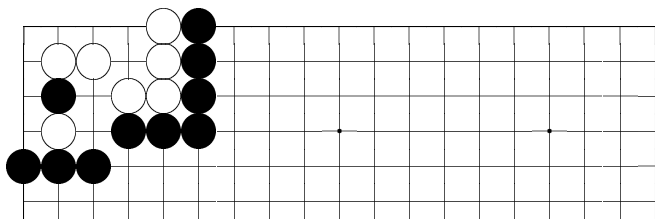
*problem 270*



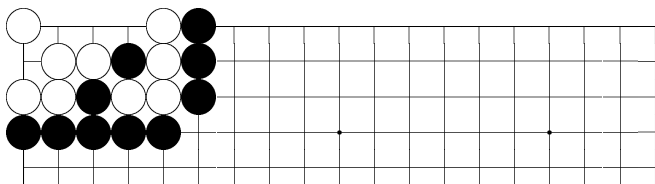
*problem 271*



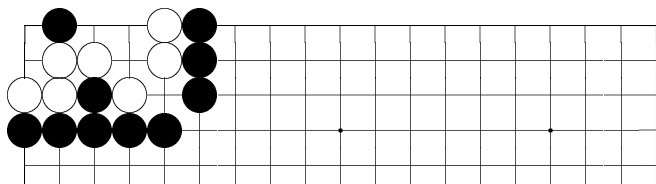
*problem 272*



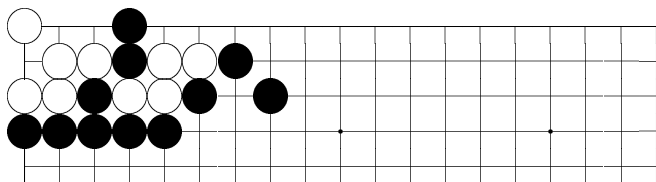
*problem 273*



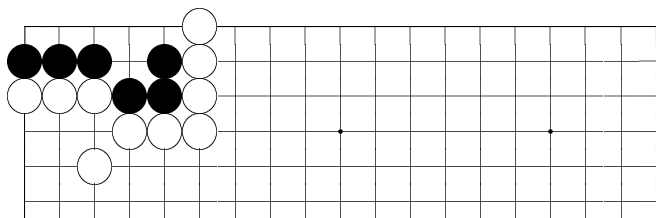
*problem 274*



*problem 275*

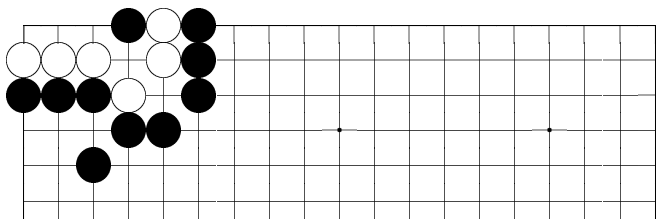


*problem 276*

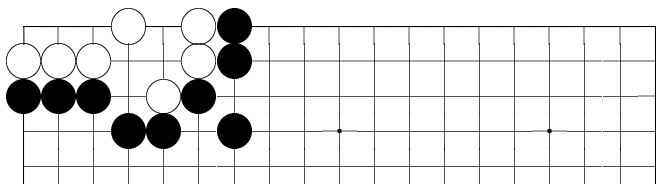


*problem 277*

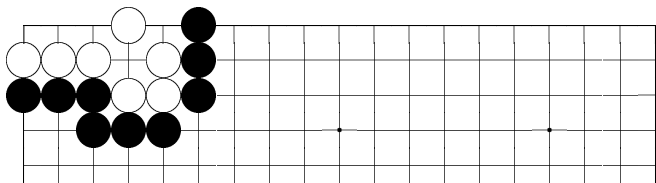




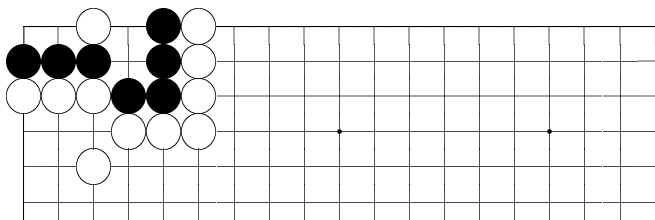
*problem 278*



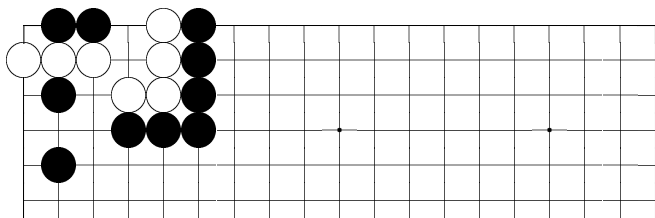
*problem 279*



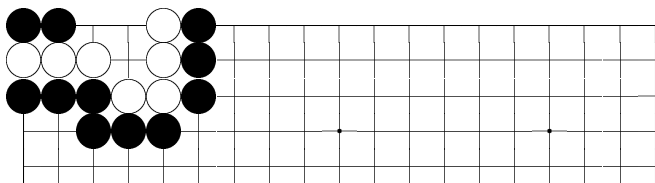
*problem 280*



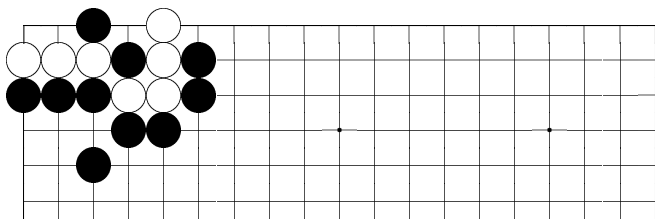
*problem 281*



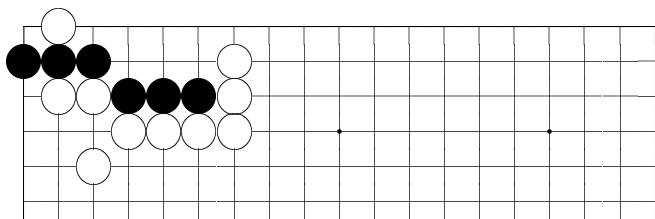
*problem 282*



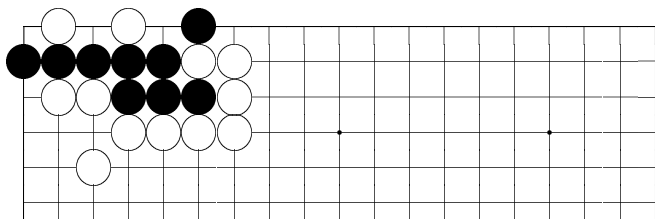
*problem 283*



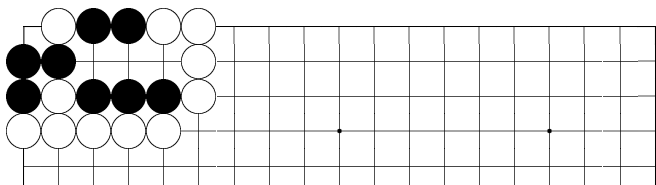
*problem 284*



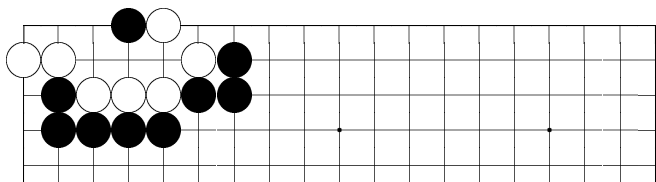
*problem 285*



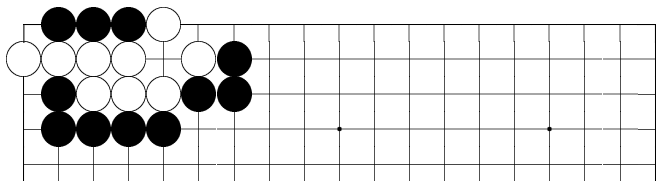
*problem 286*



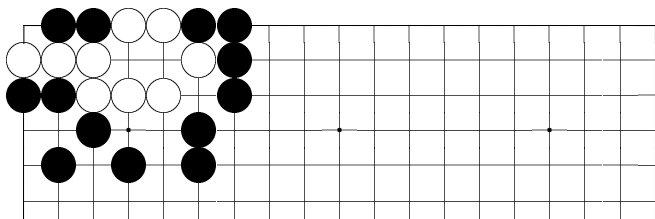
*problem 287*



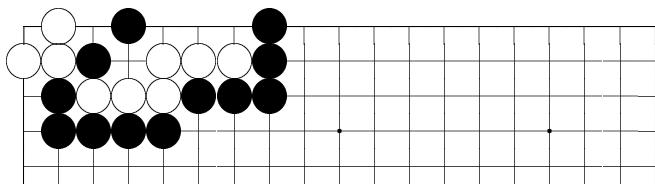
*problem 288*



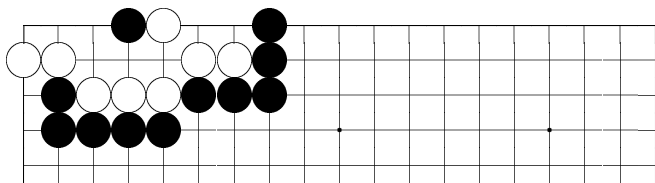
*problem 289*



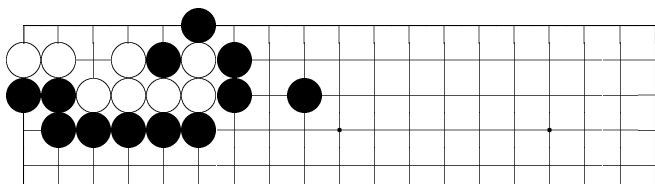
*problem 290*



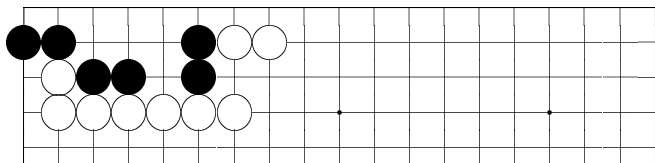
*problem 291*



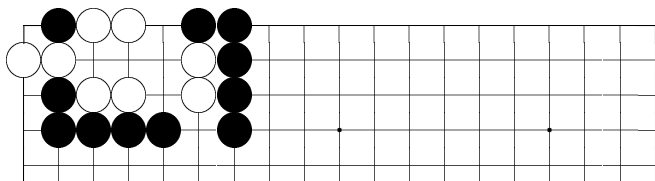
*problem 292*



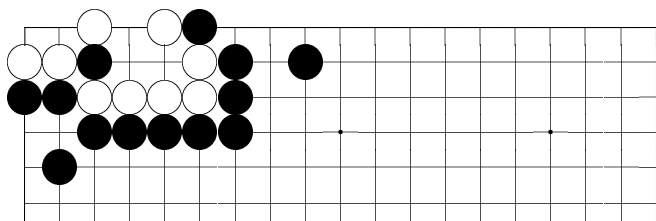
*problem 293*



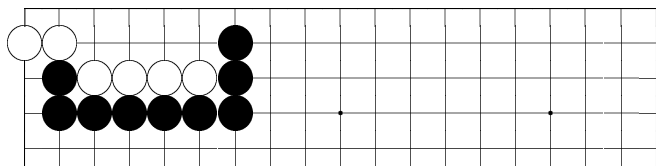
*problem 294*



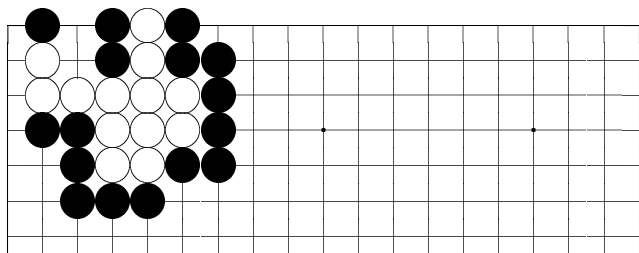
*problem 295*



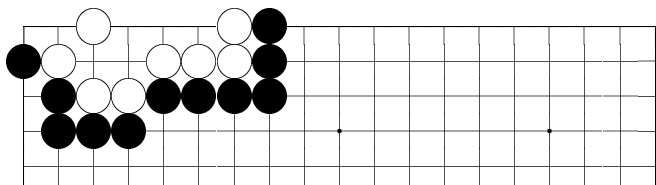
*problem 296*



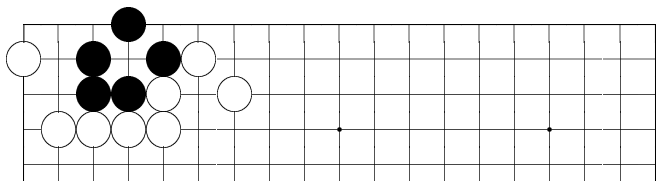
*problem 297*



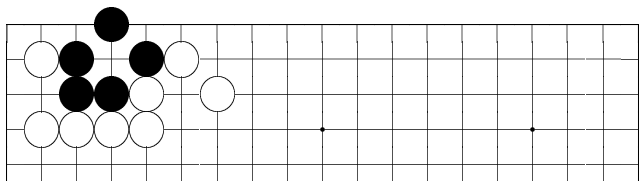
*problem 298*



*problem 299*

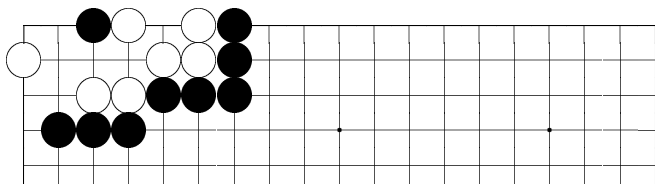


*problem 300*

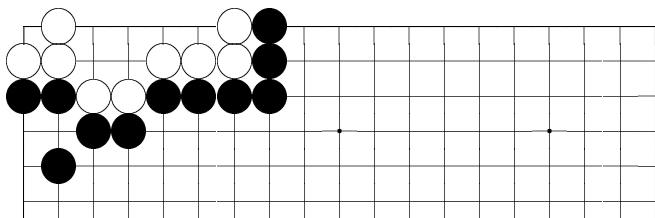


*problem 301*

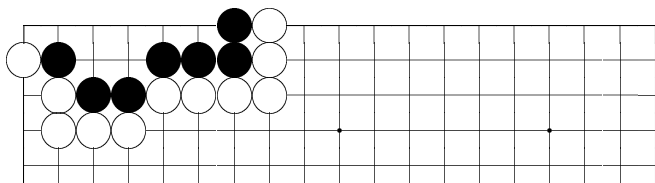




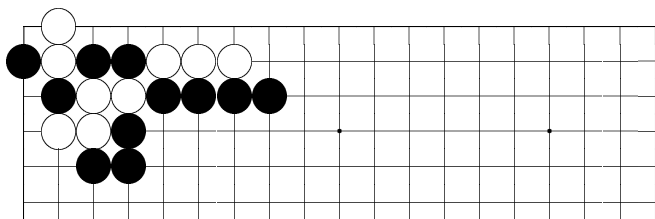
*problem 302*



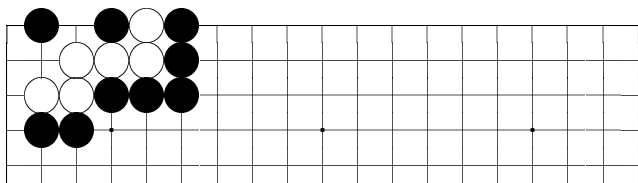
*problem 303*



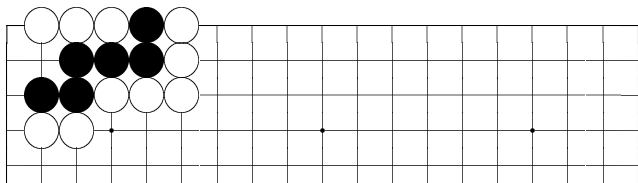
*problem 304*



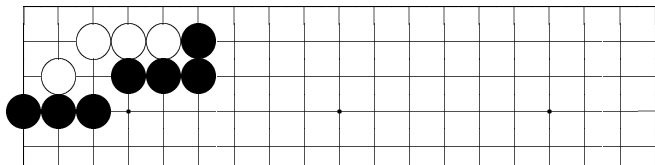
*problem 305*



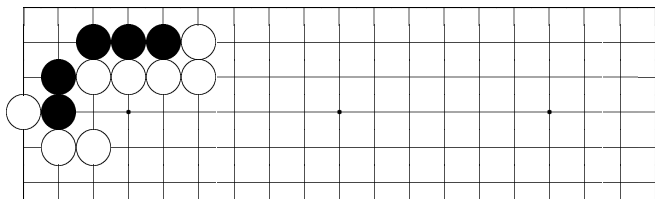
*problem 306*



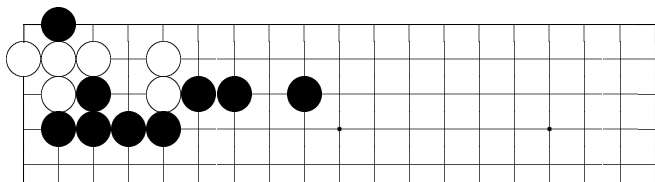
*problem 307*



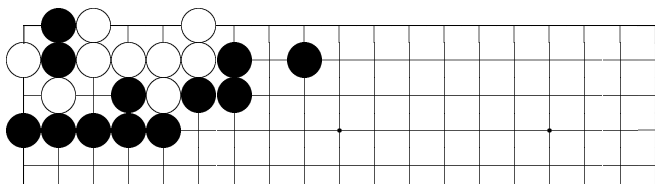
*problem 308*



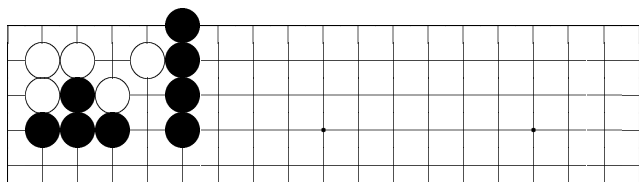
*problem 309*



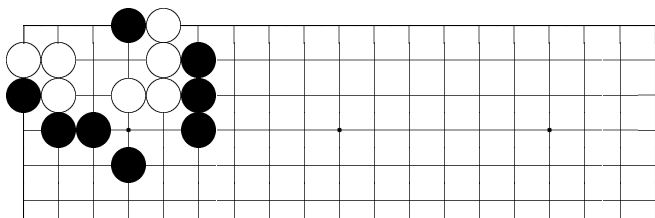
*problem 310*



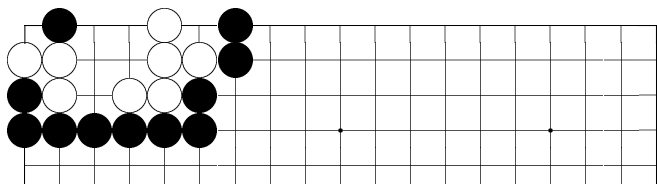
*problem 311*



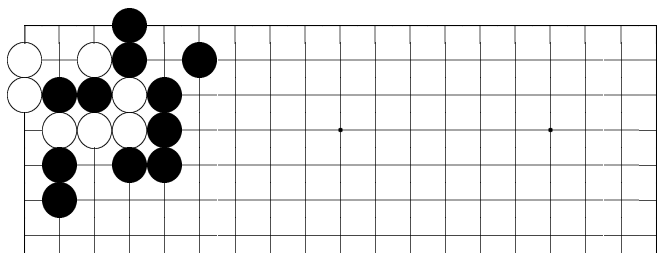
*problem 312*



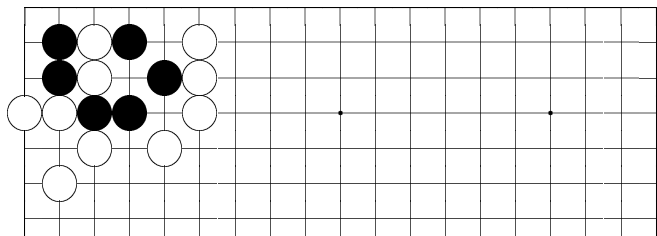
*problem 313*



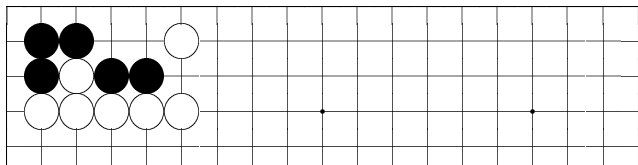
*problem 314*



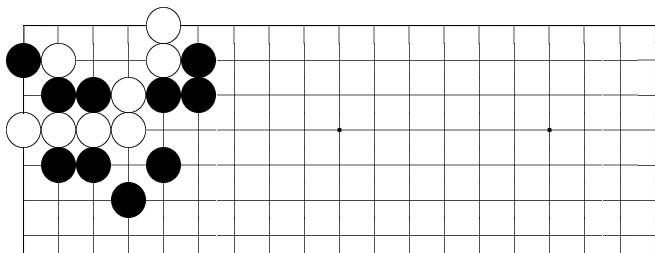
*problem 315*



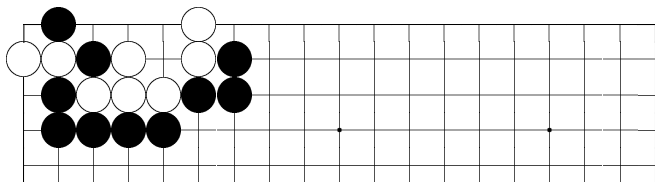
*problem 316*



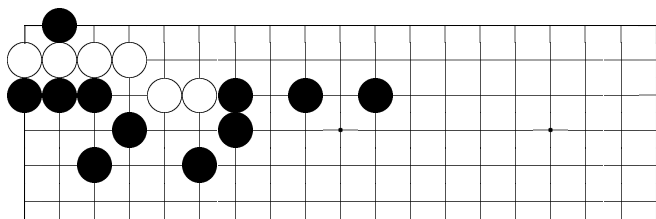
*problem 317*



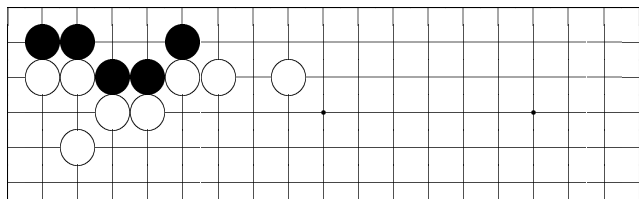
*problem 318*



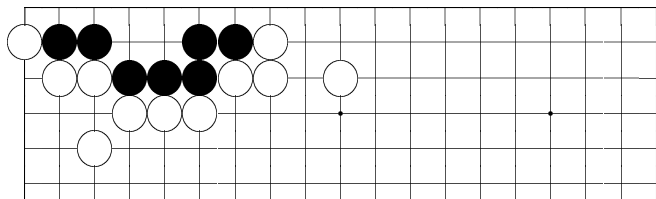
*problem 319*



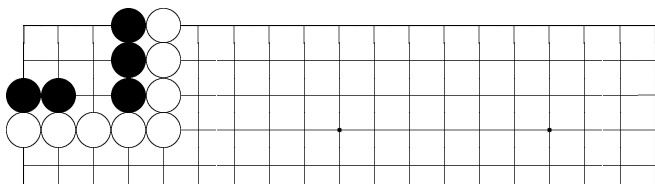
*problem 320*



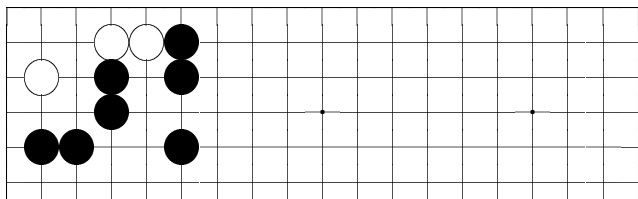
*problem 321*



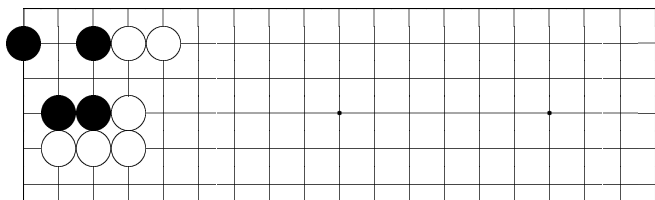
*problem 322*



*problem 323*

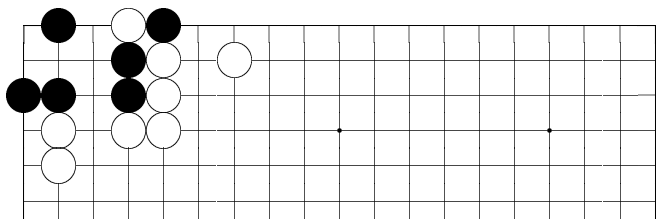


*problem 324*

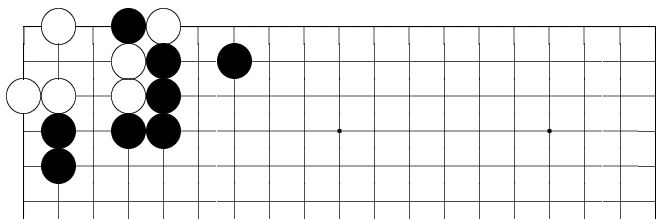


*problem 325*

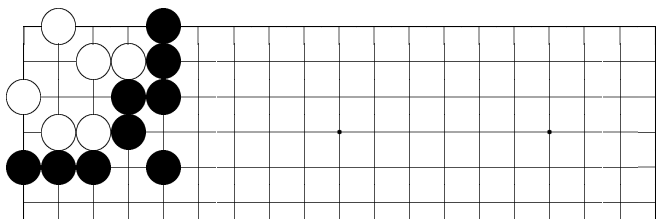




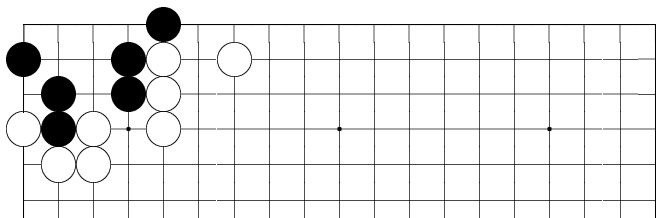
*problem 326*



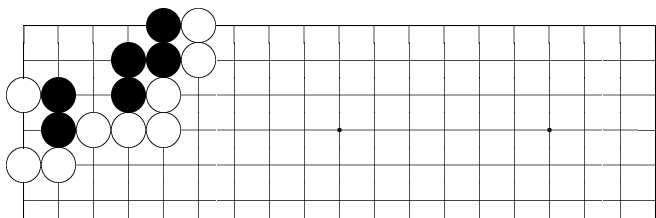
*problem 327*



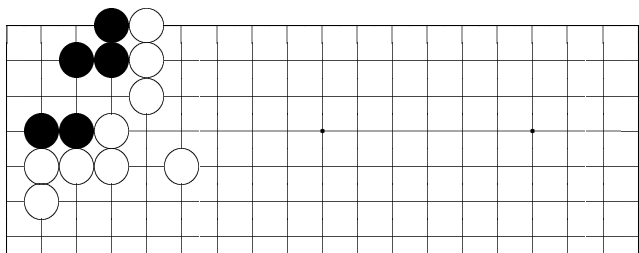
*problem 328*



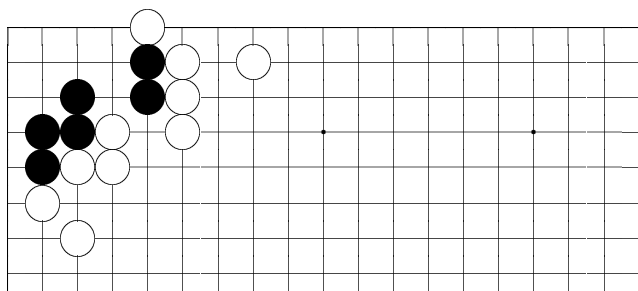
*problem 329*



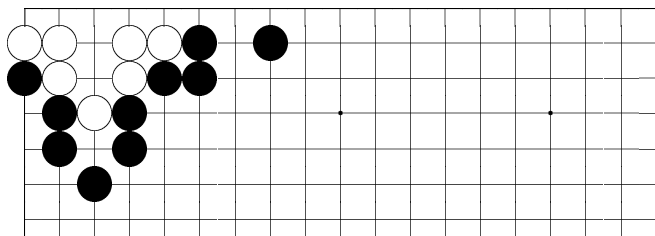
*problem 330*



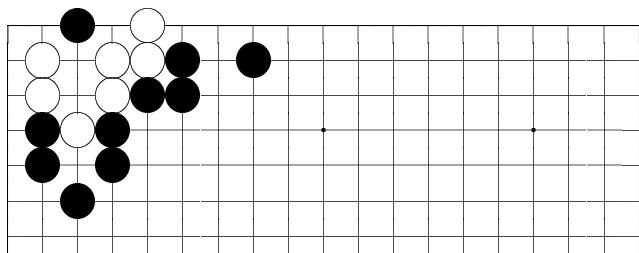
*problem 331*



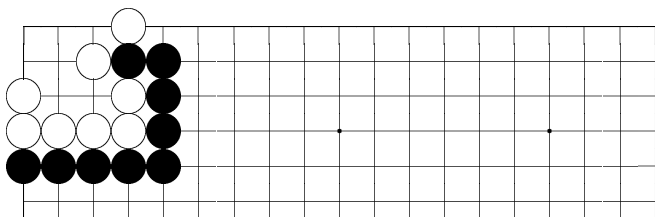
*problem 332*



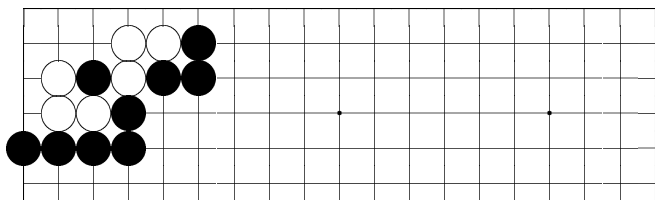
*problem 333*



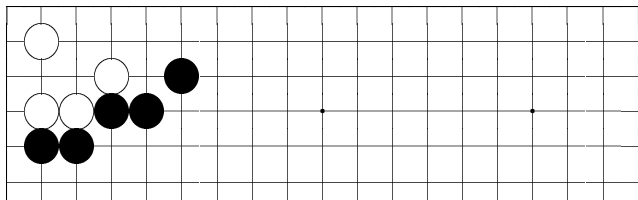
*problem 334*



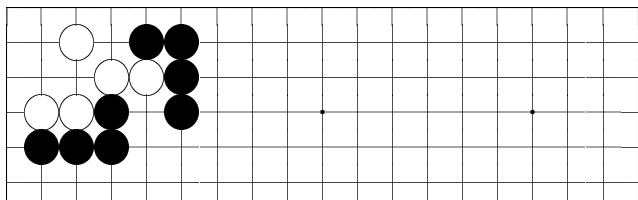
*problem 335*



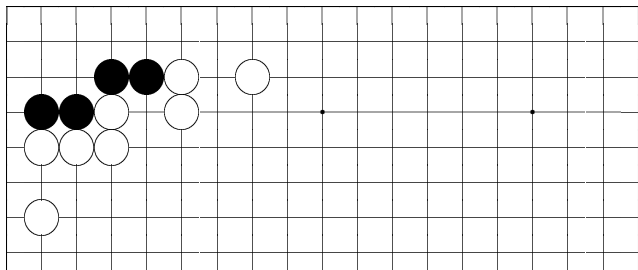
*problem 336*



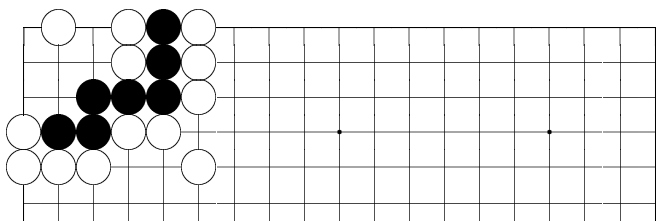
*problem 337*



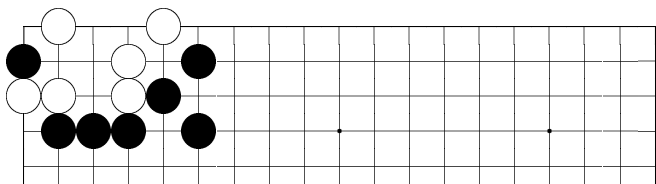
*problem 338*



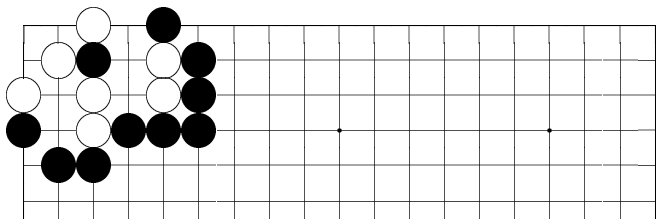
*problem 339*



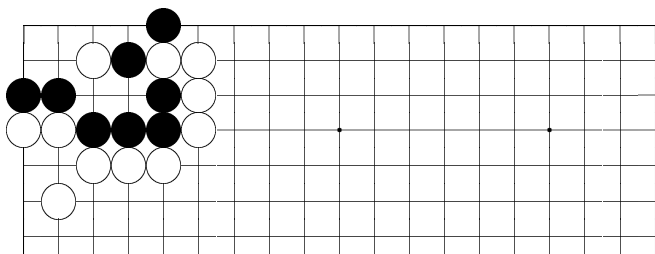
*problem 340*



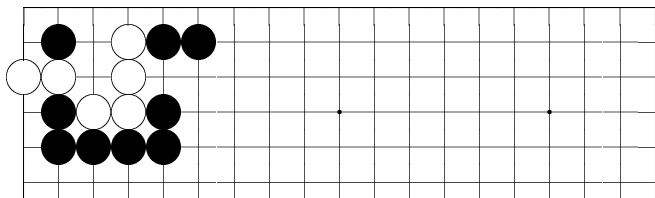
*problem 341*



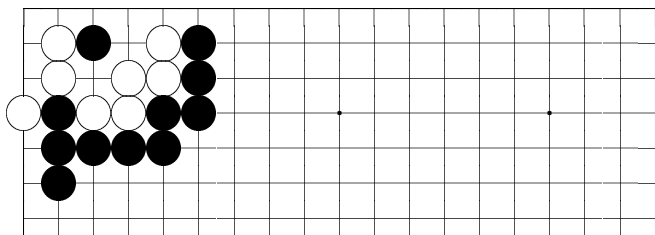
*problem 342*



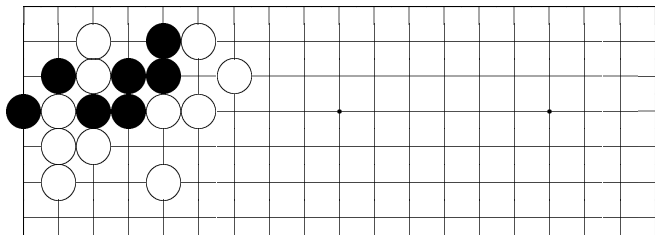
*problem 343*



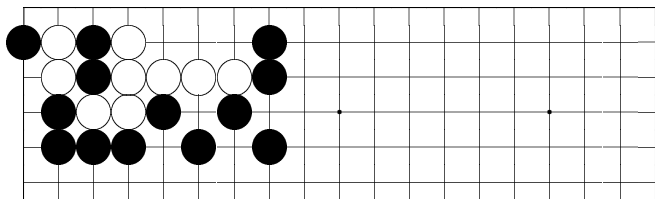
*problem 344*



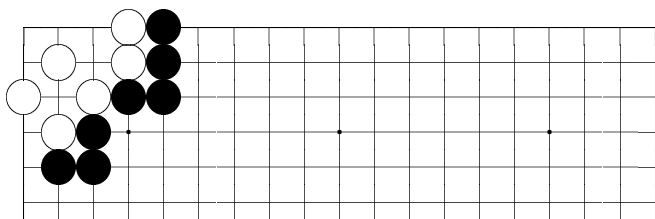
*problem 345*



*problem 346*

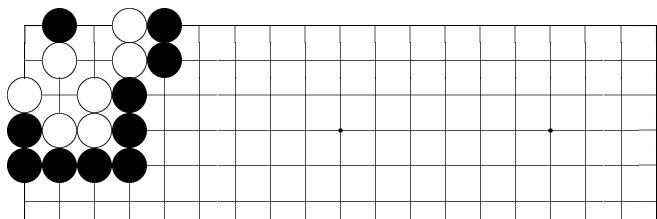


*problem 347*

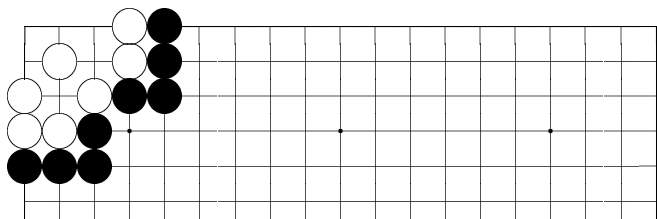


*problem 348*

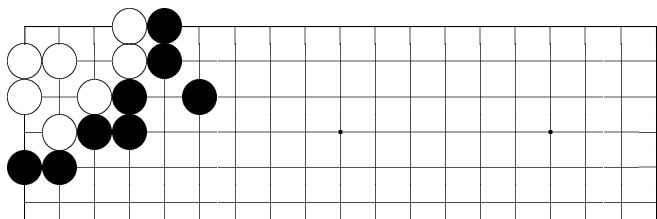




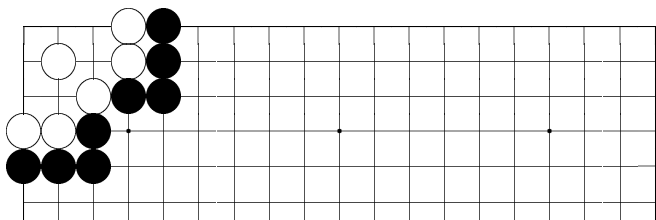
*problem 349*



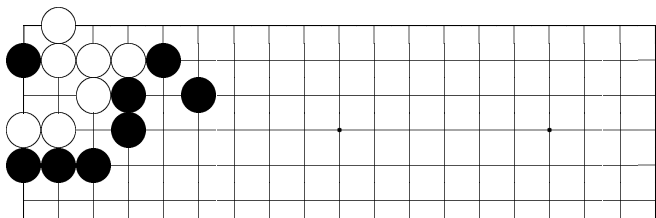
*problem 350*



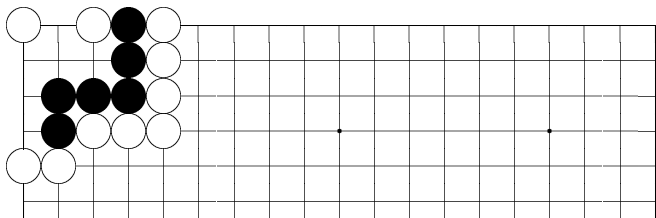
*problem 351*



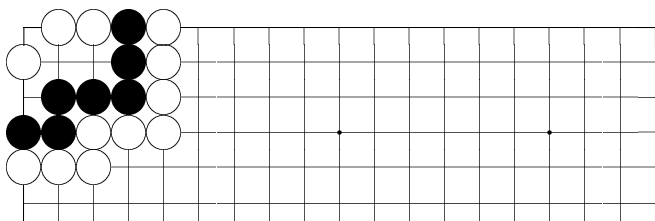
*problem 352*



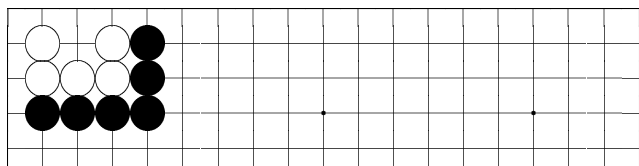
*problem 353*



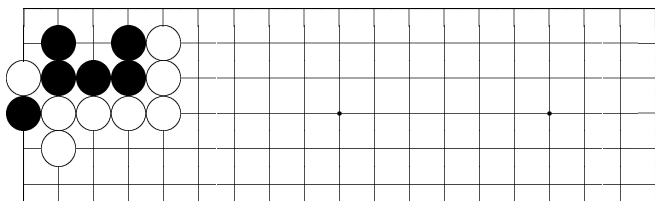
*problem 354*



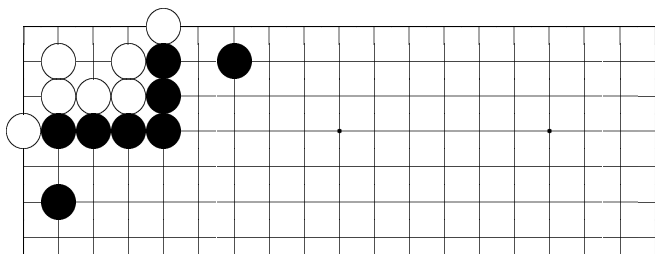
*problem 355*



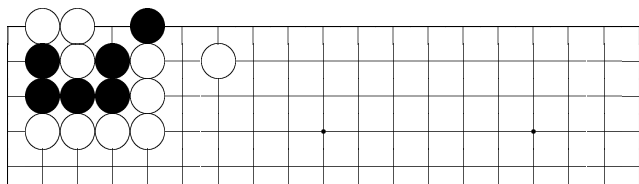
*problem 356*



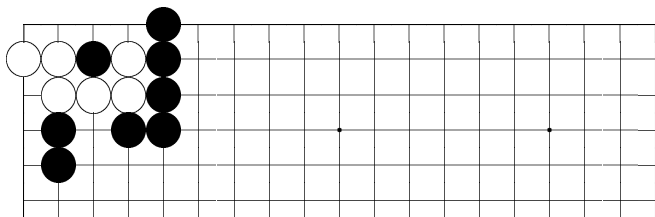
*problem 357*



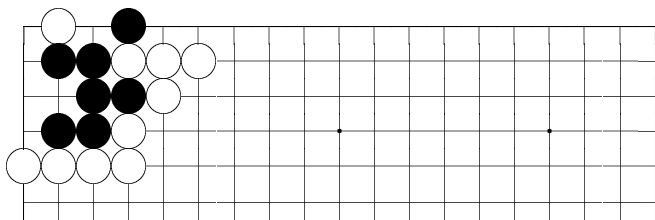
*problem 358*



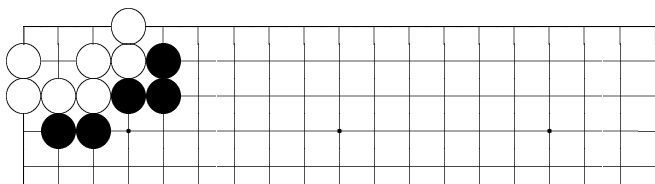
*problem 359*



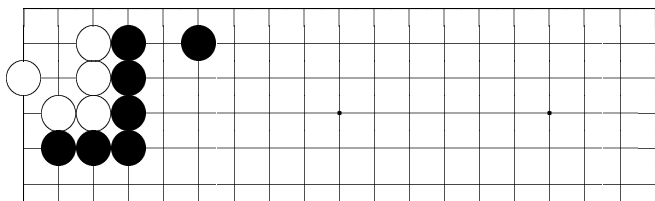
*problem 360*



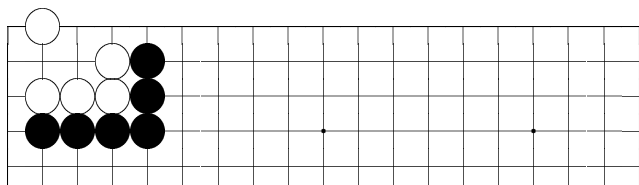
*problem 361*



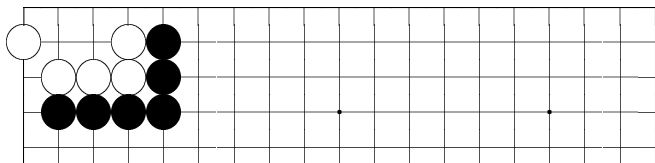
*problem 362*



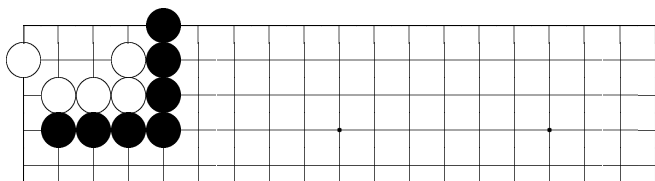
*problem 363*



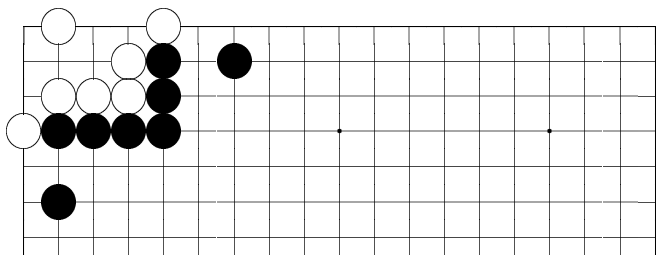
*problem 364*



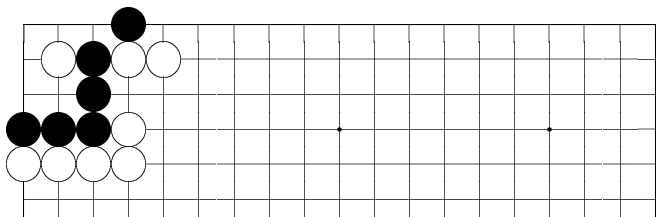
*problem 365*



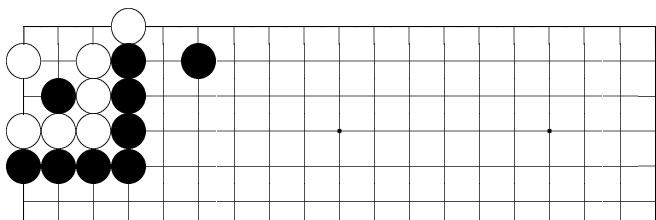
*problem 366*



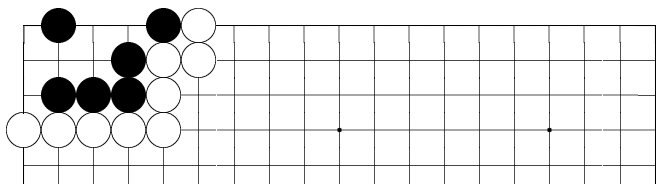
*problem 367*



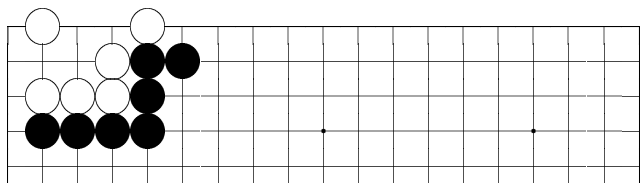
*problem 368*



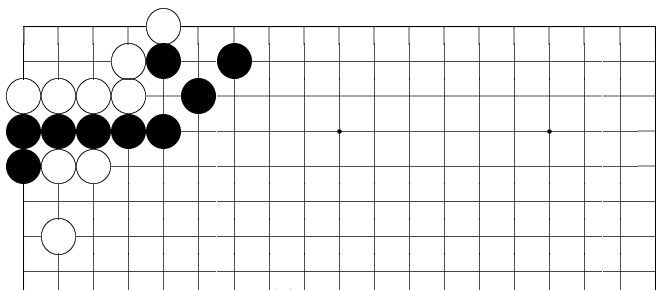
*problem 369*



*problem 370*

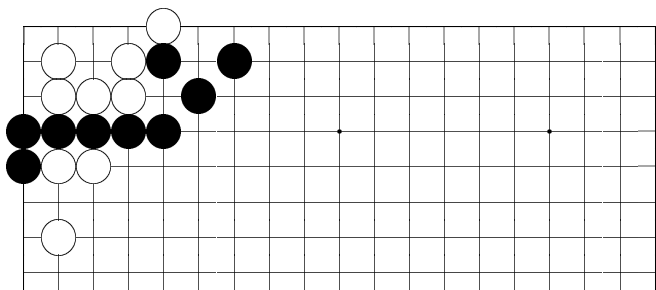


*problem 371*

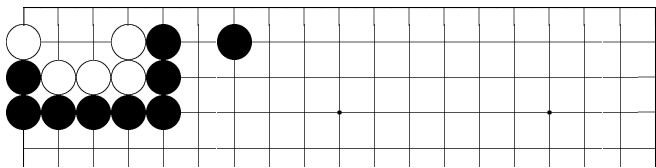


*problem 372*

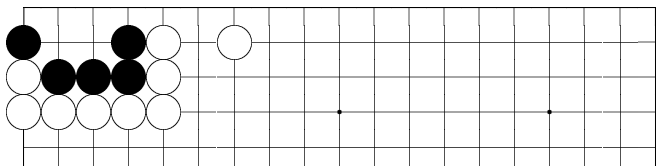




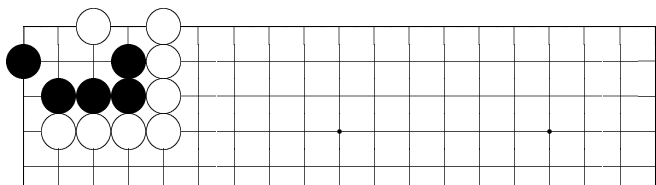
*problem 373*



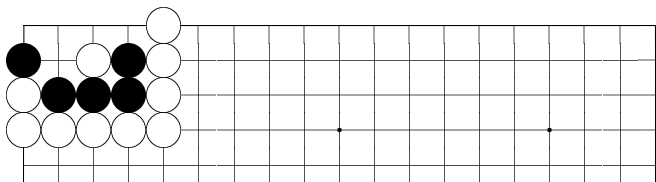
*problem 374*



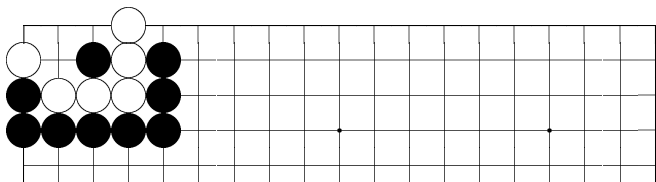
*problem 375*



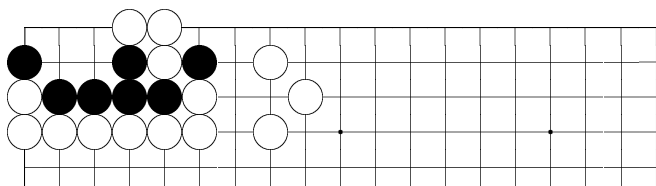
*problem 376*



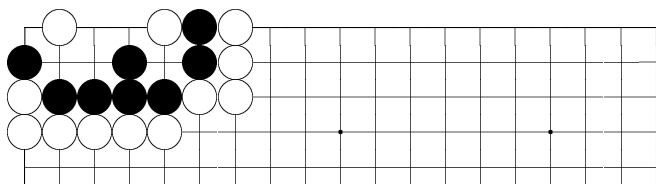
*problem 377*



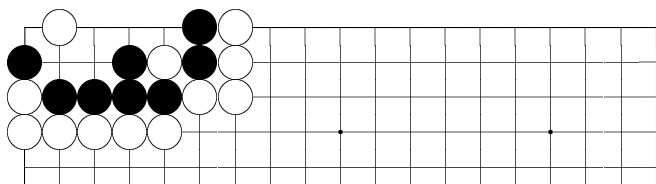
*problem 378*



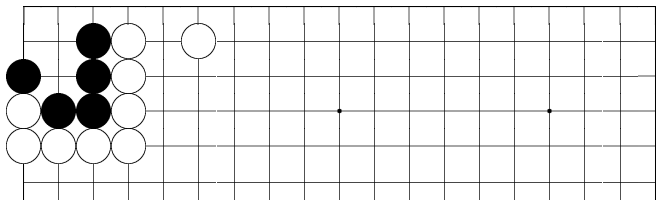
*problem 379*



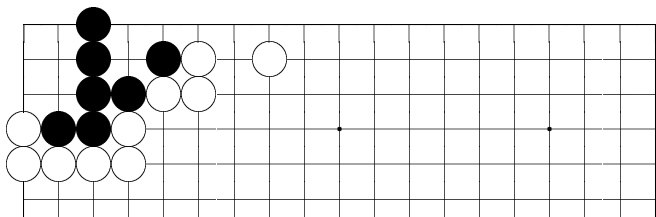
*problem 380*



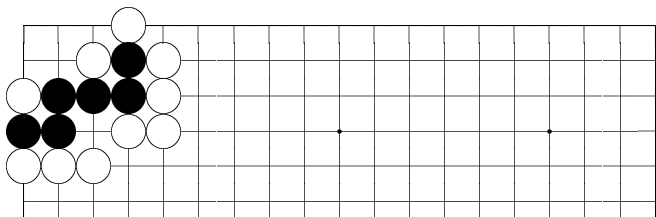
*problem 381*



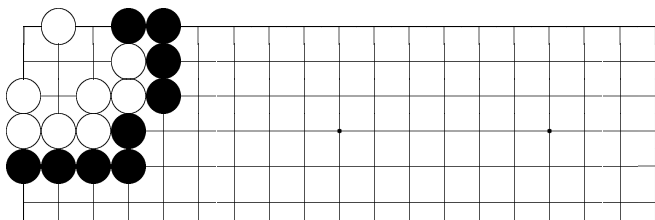
*problem 382*



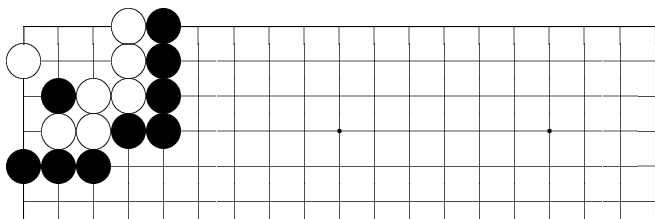
*problem 383*



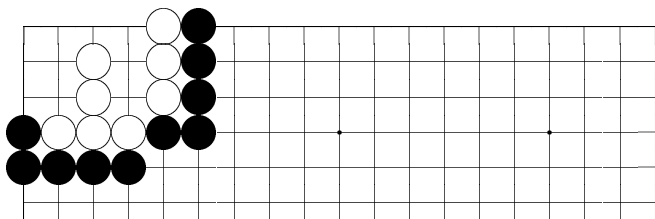
*problem 384*



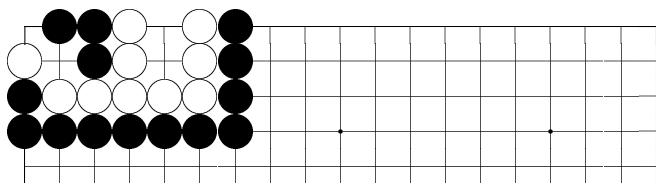
*problem 385*



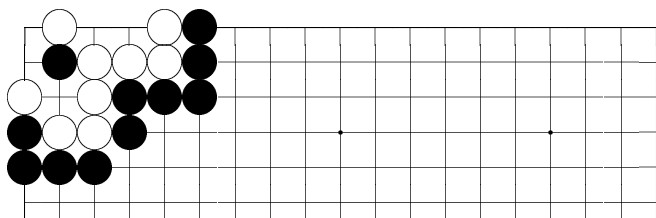
*problem 386*



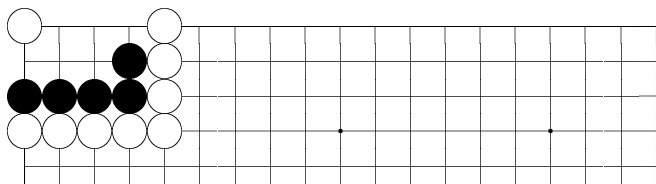
*problem 387*



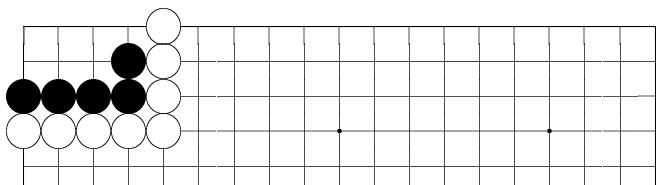
*problem 388*



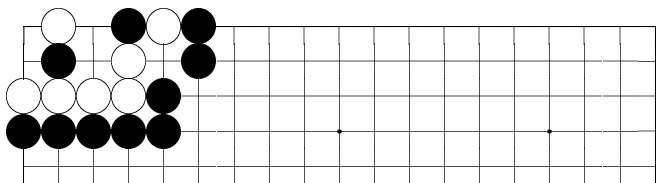
*problem 389*



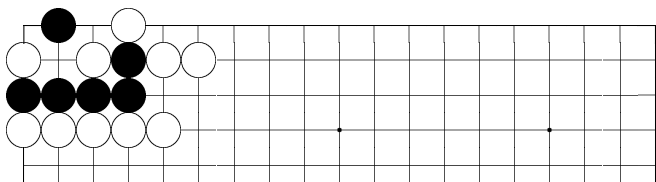
*problem 390*



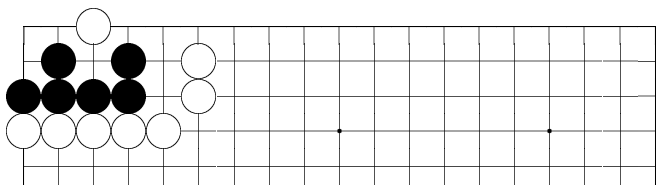
*problem 391*



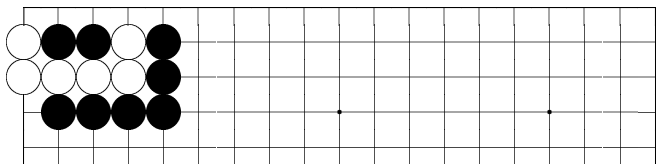
*problem 392*



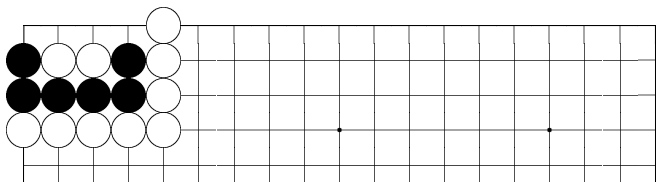
*problem 393*



*problem 394*

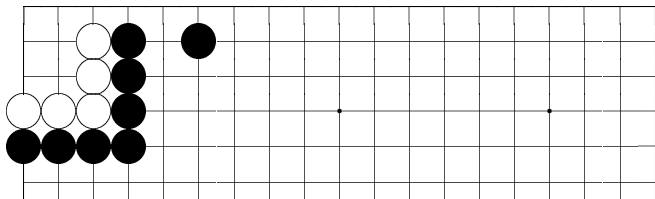


*problem 395*

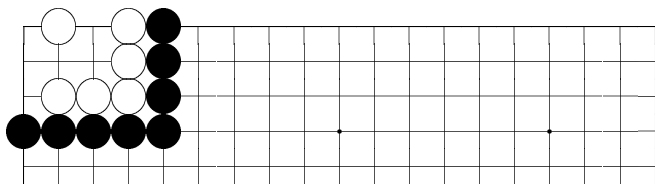


*problem 396*

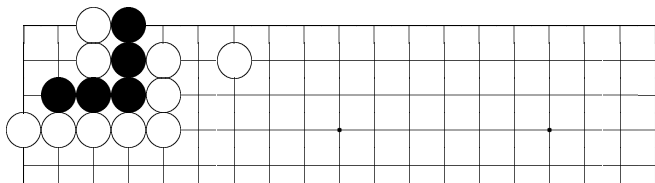




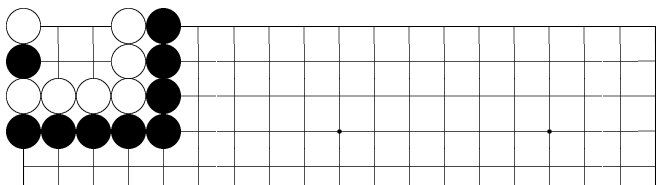
*problem 397*



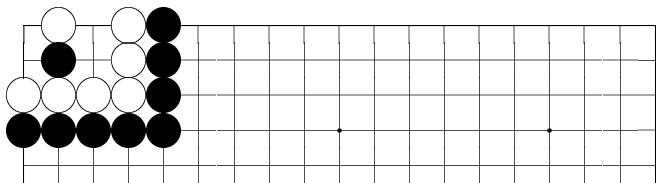
*problem 398*



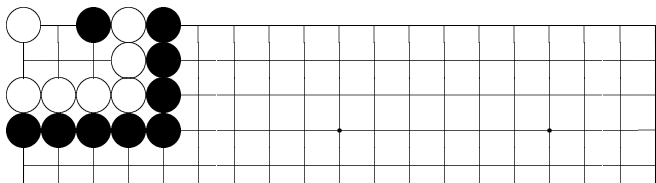
*problem 399*



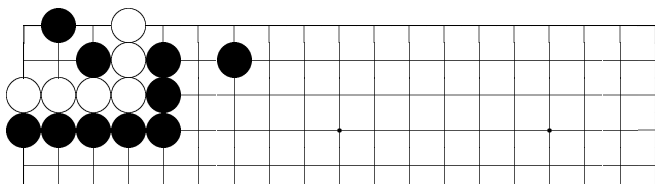
*problem 400*



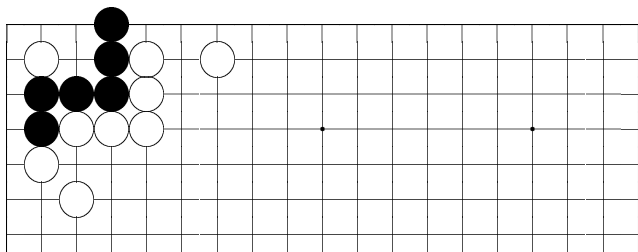
*problem 401*



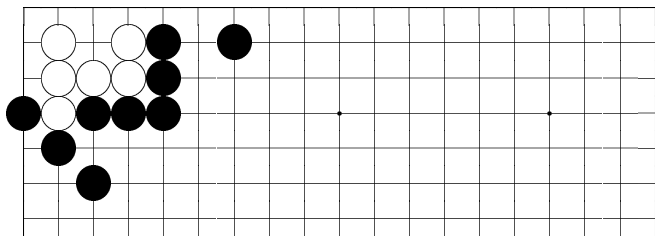
*problem 402*



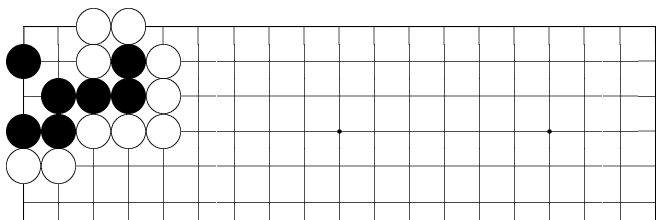
*problem 403*



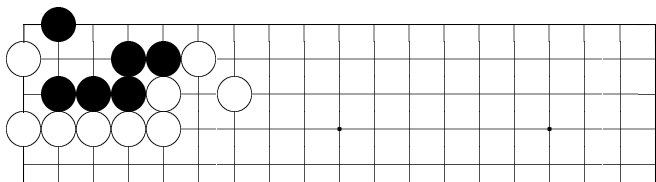
*problem 404*



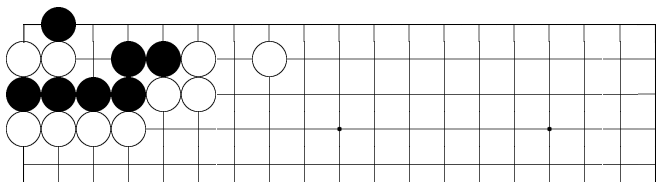
*problem 405*



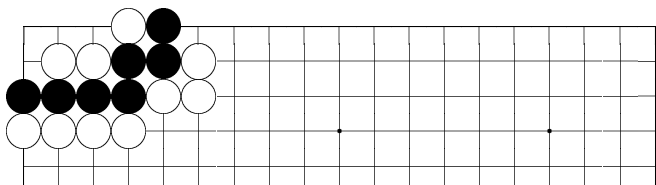
*problem 406*



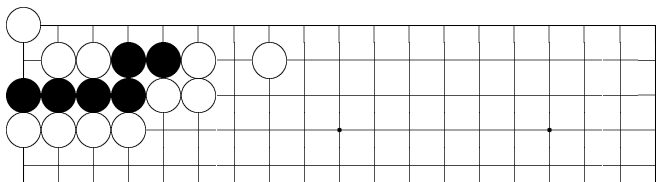
*problem 407*



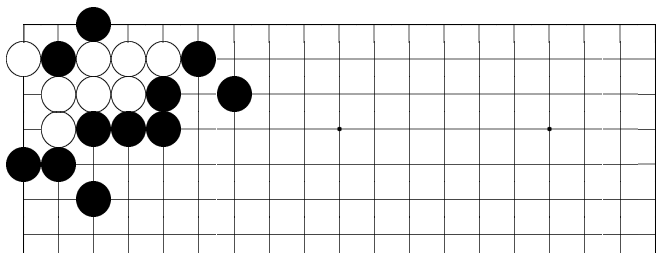
*problem 408*



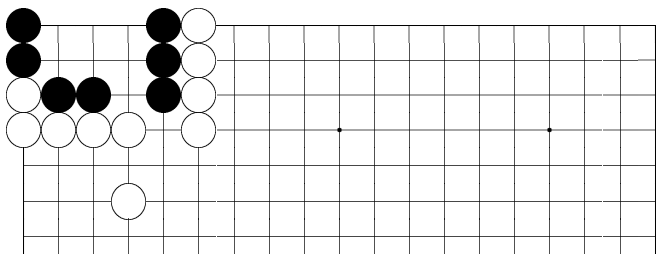
*problem 409*



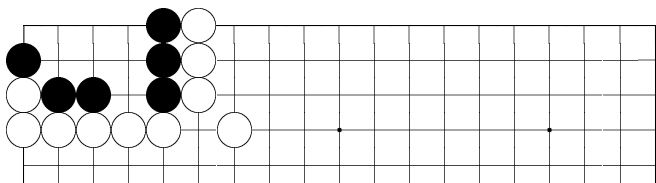
*problem 410*



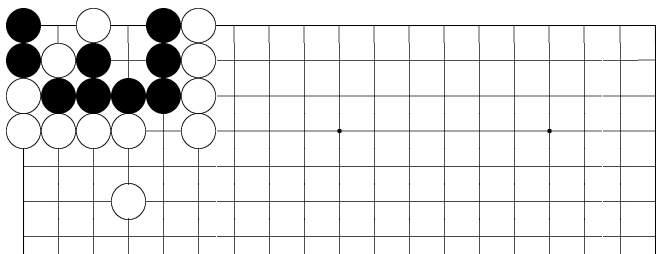
*problem 411*



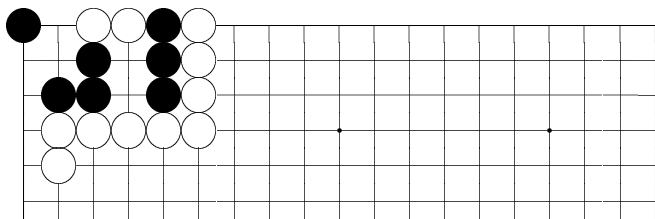
*problem 412*



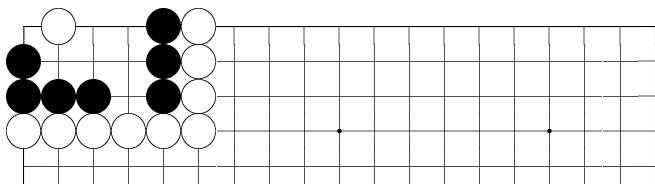
*problem 413*



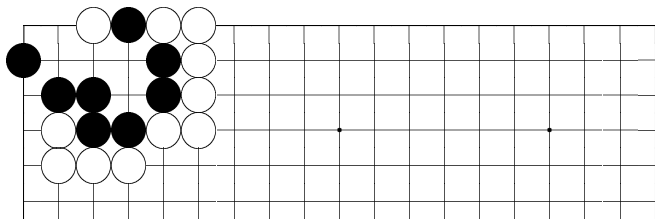
*problem 414*



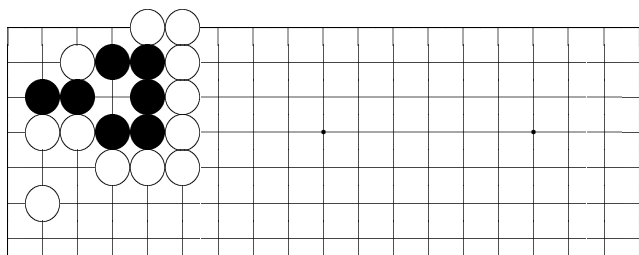
*problem 415*



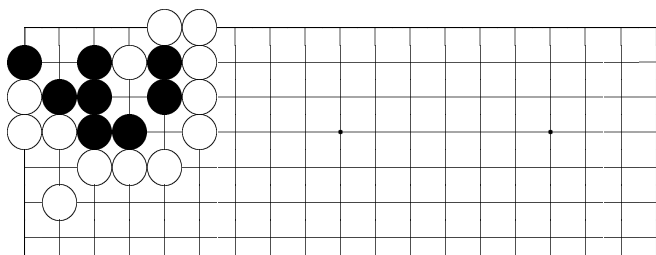
*problem 416*



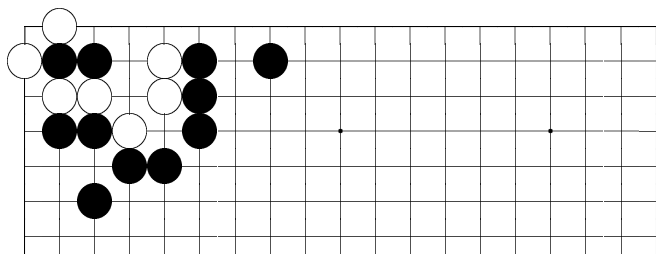
*problem 417*



*problem 418*

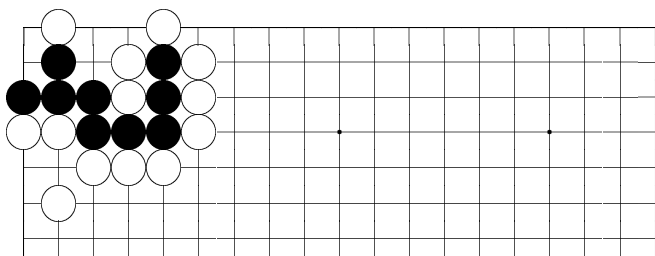


*problem 419*

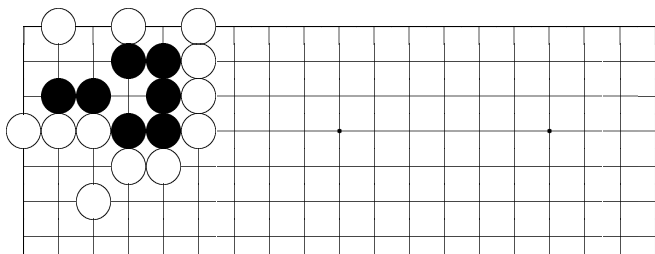


*problem 420*

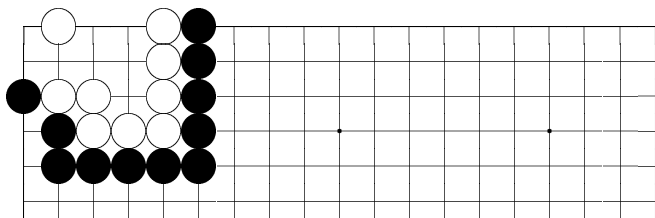




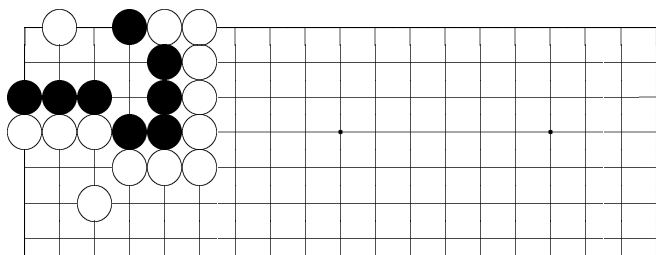
*problem 421*



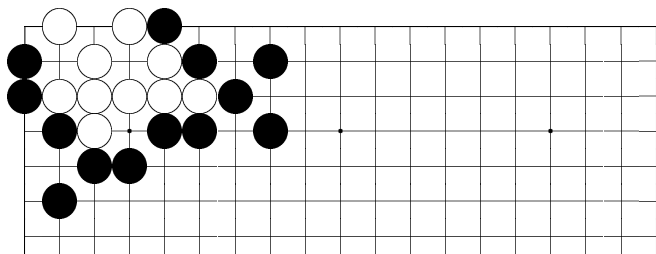
*problem 422*



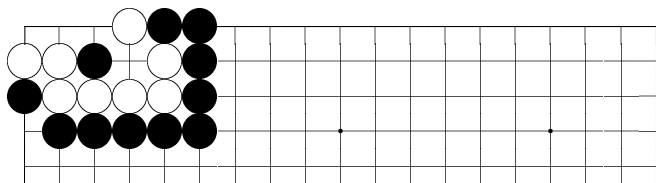
*problem 423*



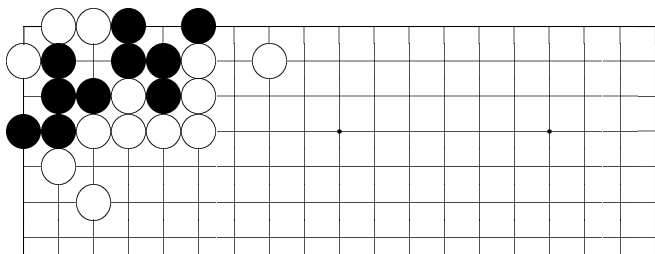
*problem 424*



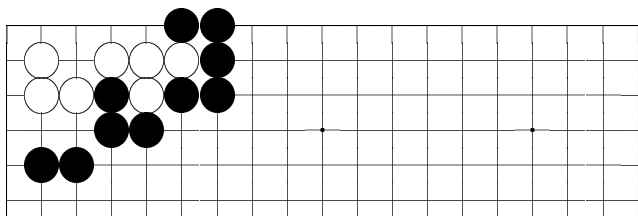
*problem 425*



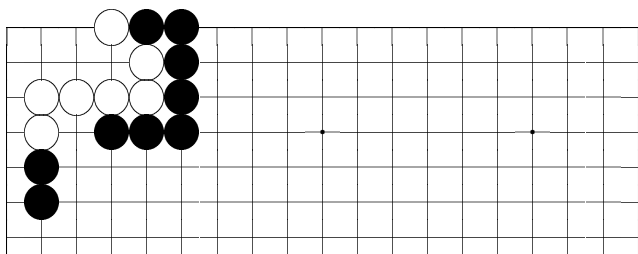
*problem 426*



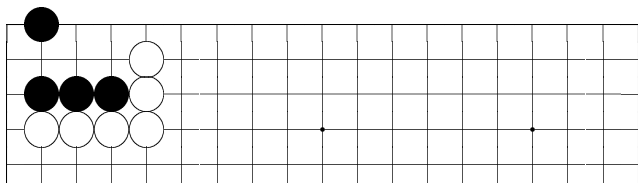
*problem 427*



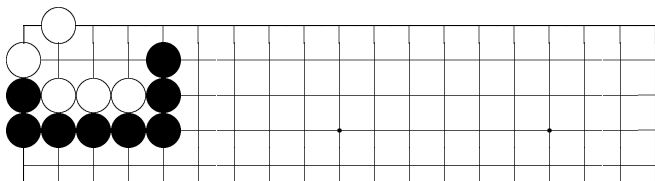
*problem 428*



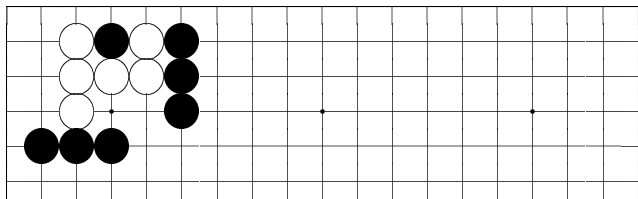
*problem 429*



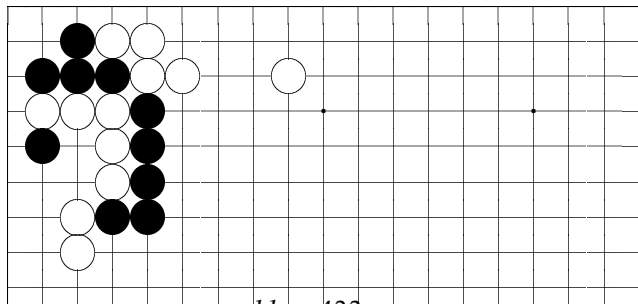
*problem 430*



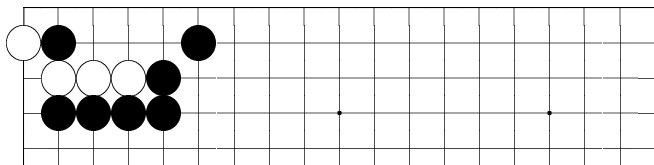
*problem 431*



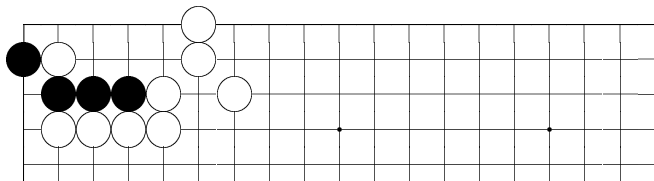
*problem 432*



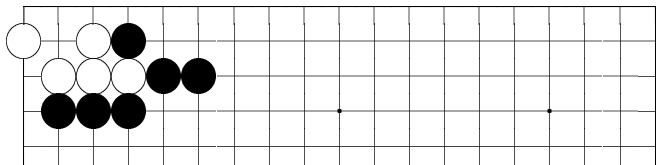
*problem 433*



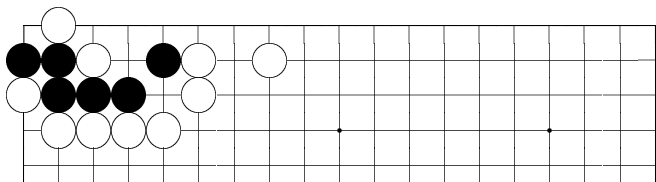
*problem 434*



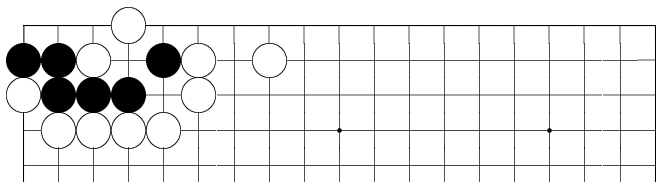
*problem 435*



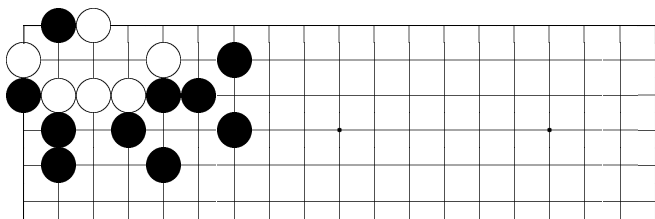
*problem 436*



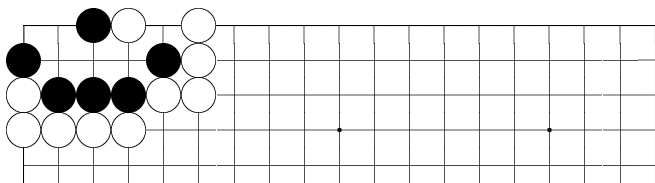
*problem 437*



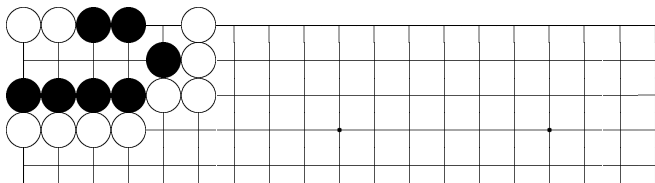
*problem 438*



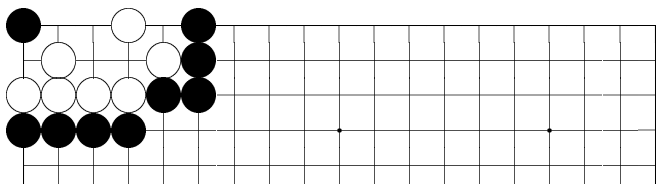
*problem 439*



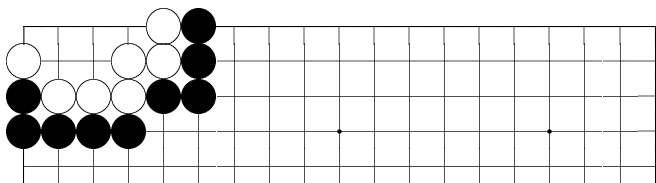
*problem 440*



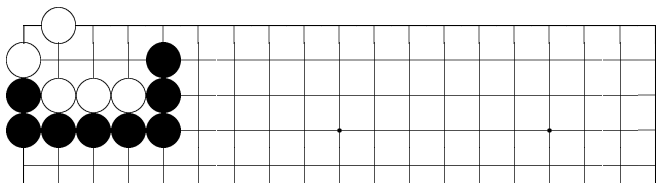
*problem 441*



*problem 442*

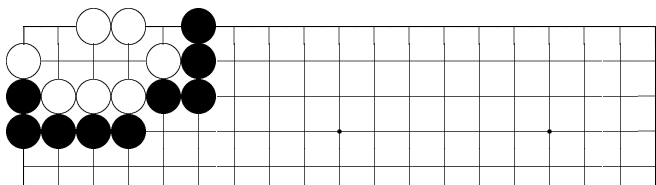


*problem 443*

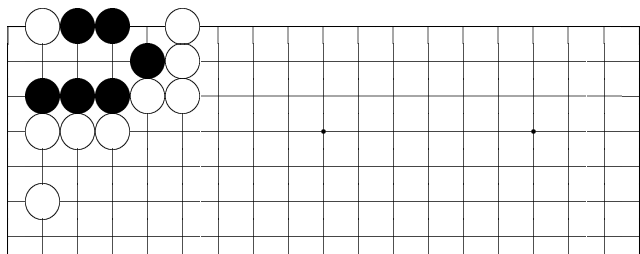


*problem 444*

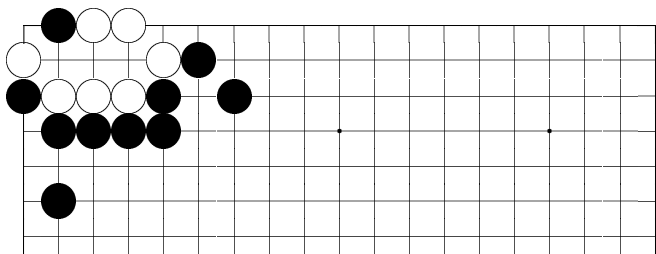




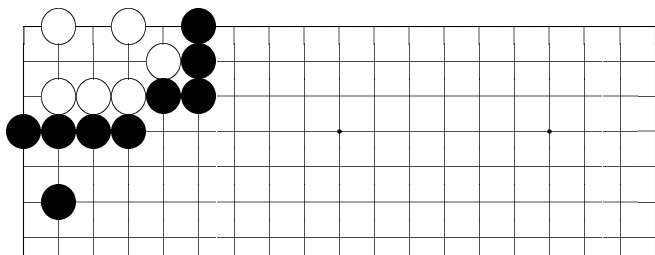
*problem 445*



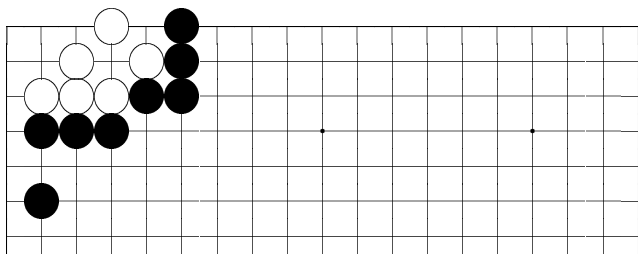
*problem 446*



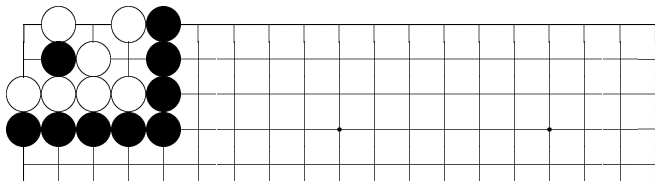
*problem 447*



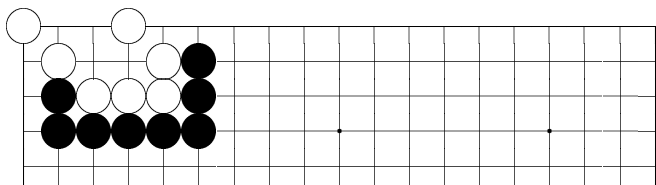
*problem 448*



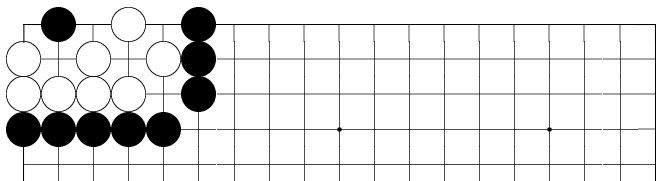
*problem 449*



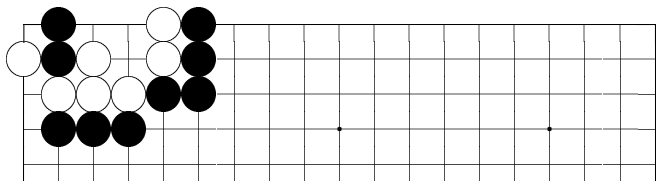
*problem 450*



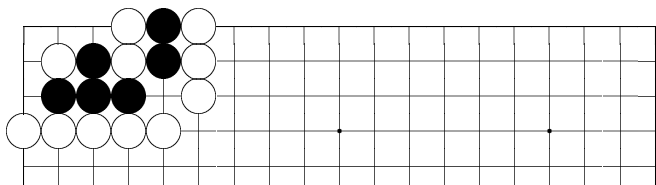
*problem 451*



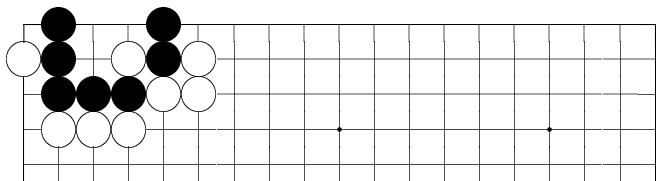
*problem 452*



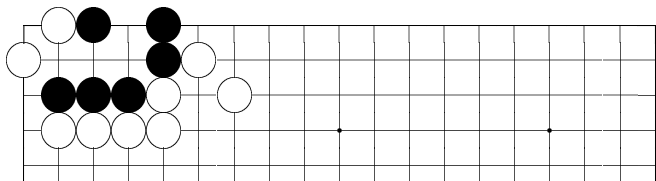
*problem 453*



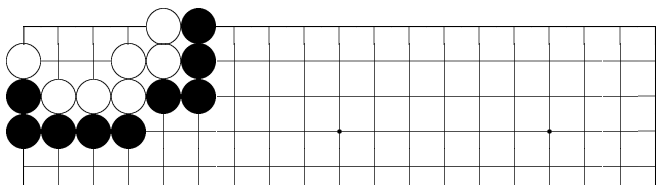
*problem 454*



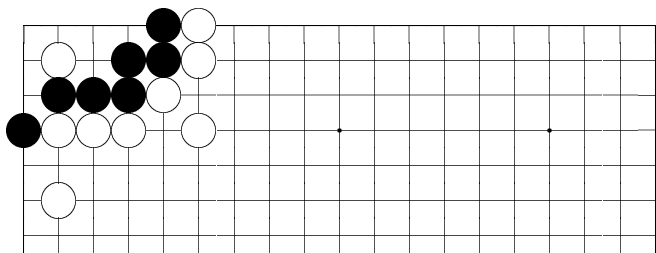
*problem 455*



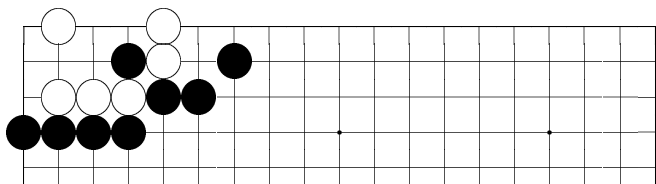
*problem 456*



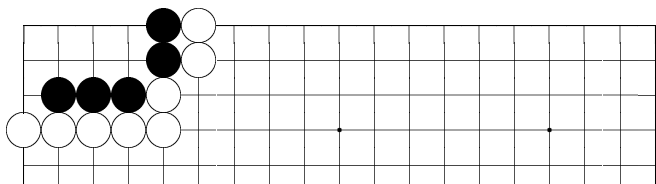
*problem 457*



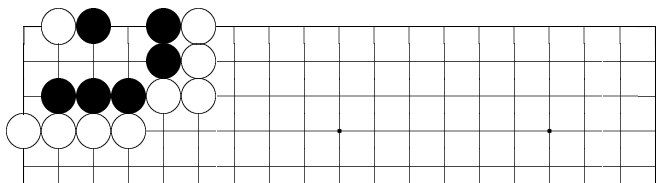
*problem 458*



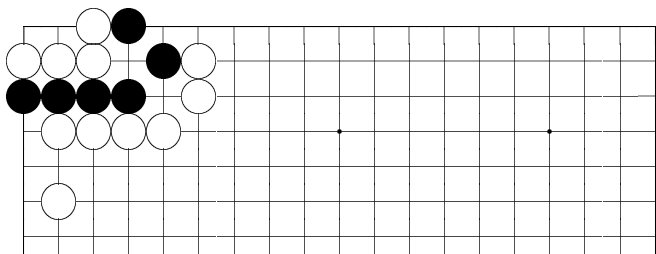
*problem 459*



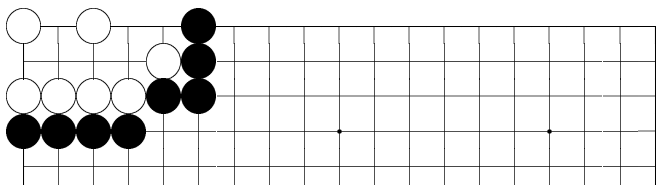
*problem 460*



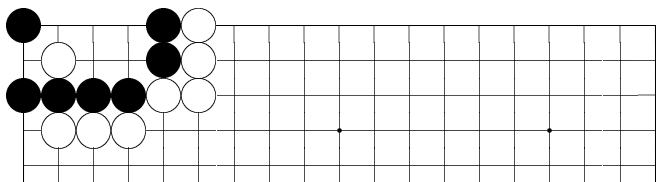
*problem 461*



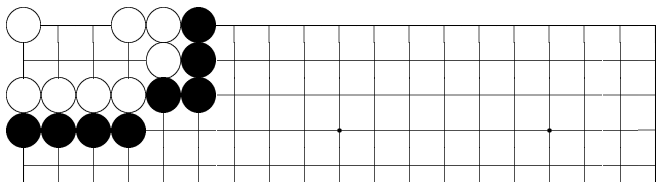
*problem 462*



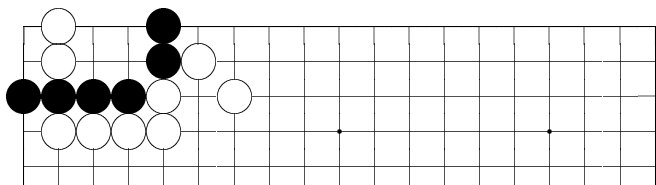
*problem 463*



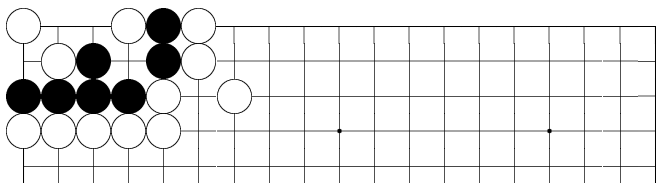
*problem 464*



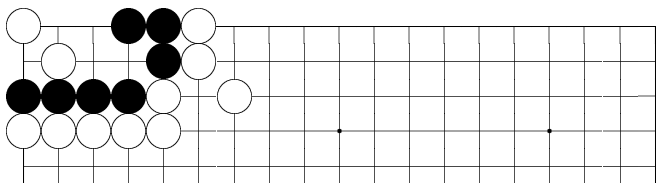
*problem 465*



*problem 466*

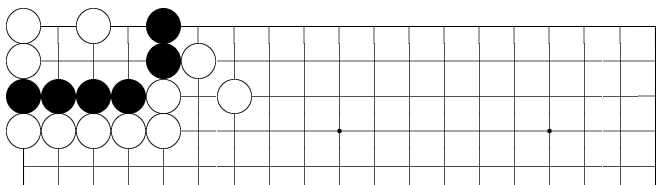


*problem 467*

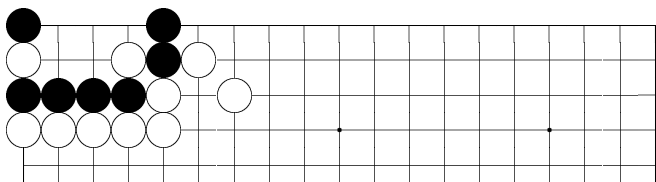


*problem 468*

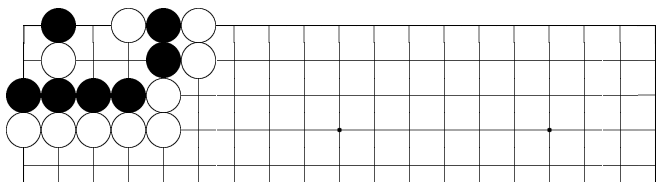




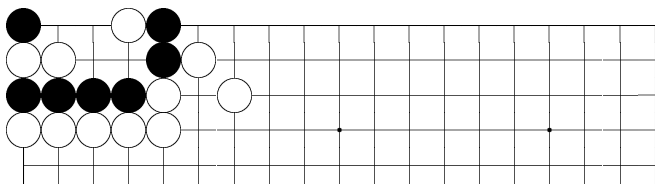
*problem 469*



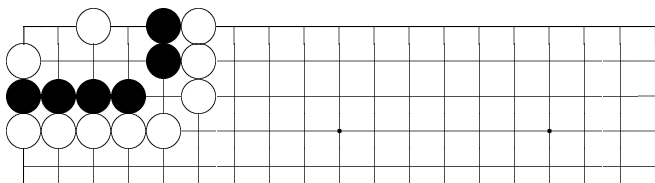
*problem 470*



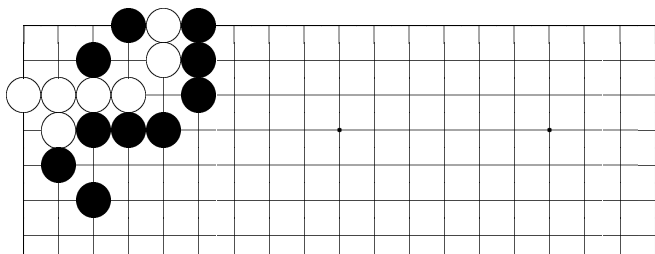
*problem 471*



*problem 472*

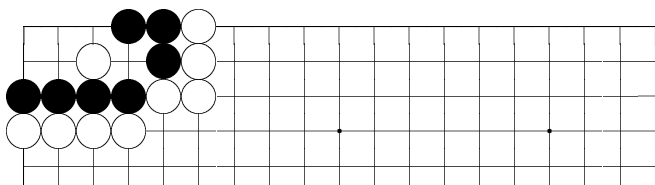


*problem 473*

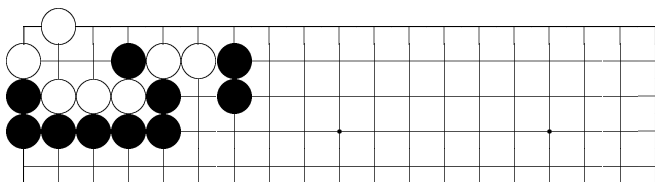


*problem 474*

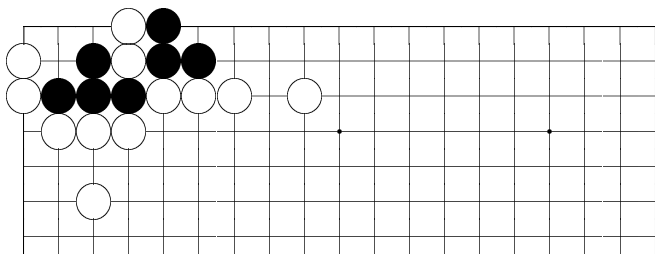




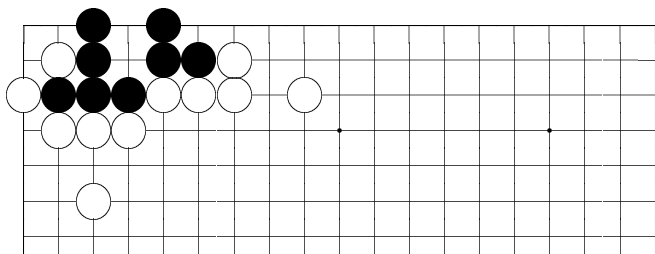
*problem 478*



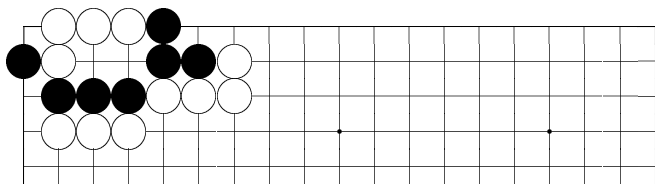
*problem 479*



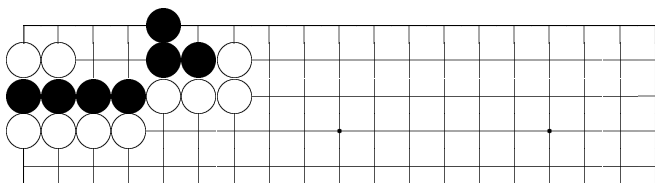
*problem 480*



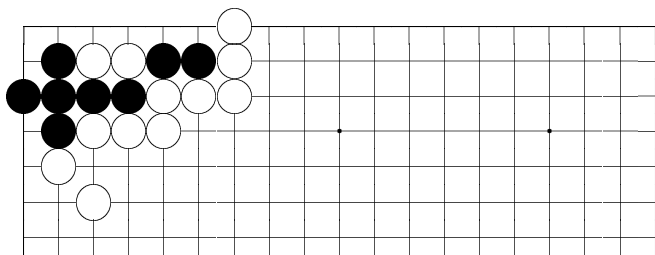
*problem 481*



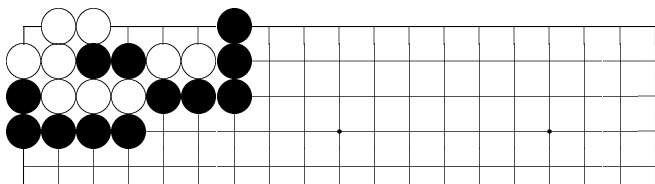
*problem 482*



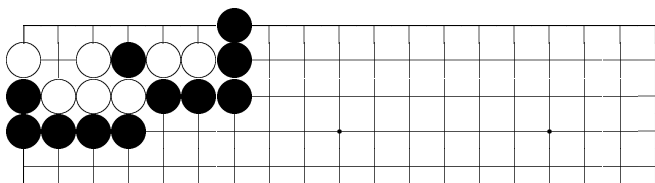
*problem 483*



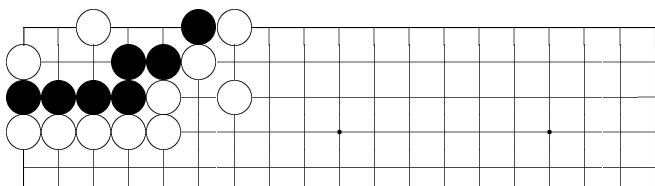
*problem 484*



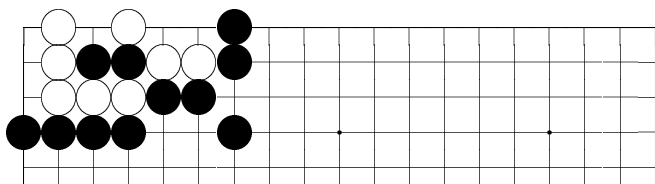
*problem 485*



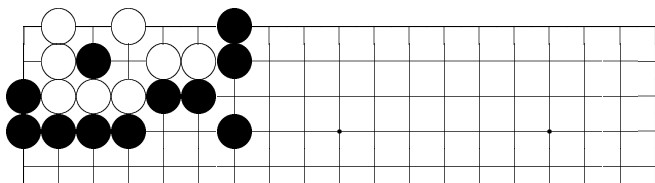
*problem 486*



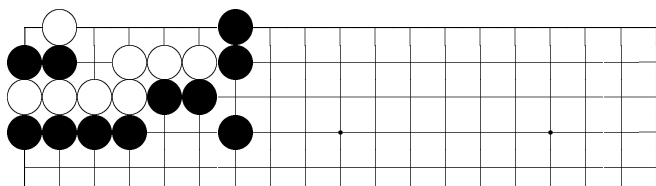
*problem 487*



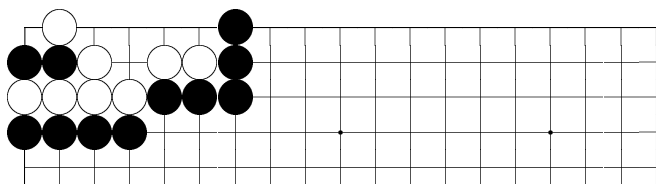
*problem 488*



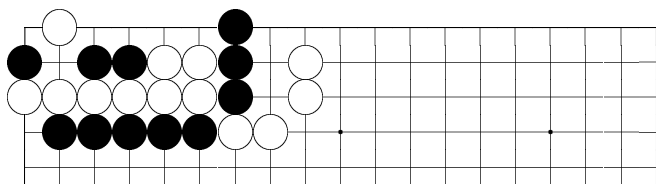
*problem 489*



*problem 490*

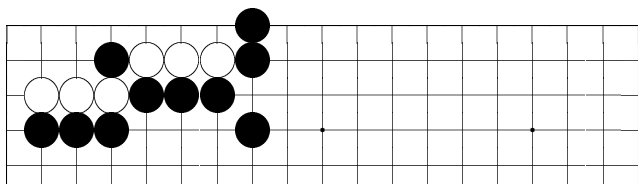


*problem 491*

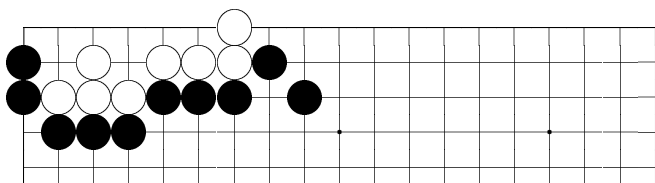


*problem 492*

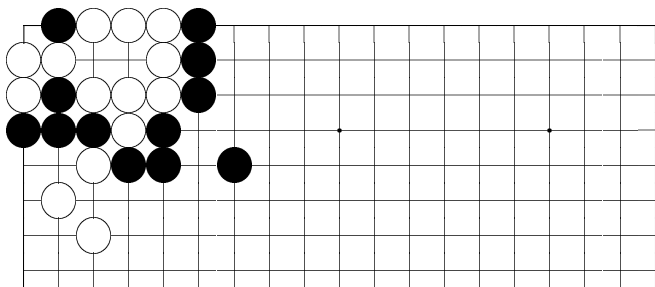




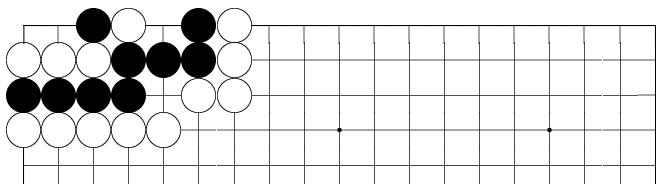
*problem 493*



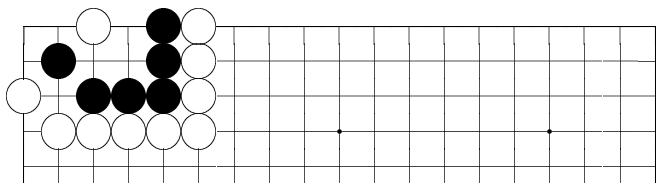
*problem 494*



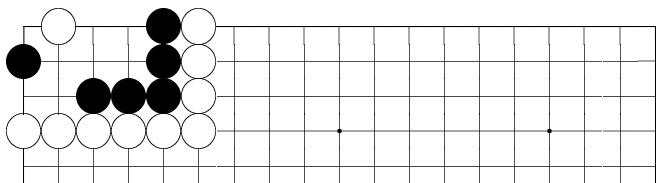
*problem 495*



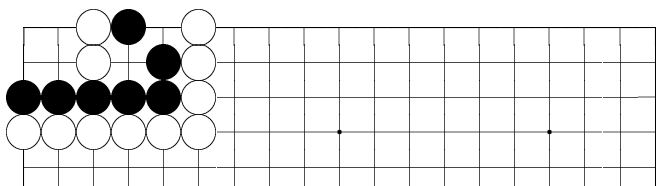
*problem 496*



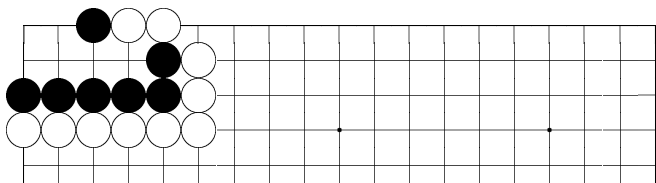
*problem 497*



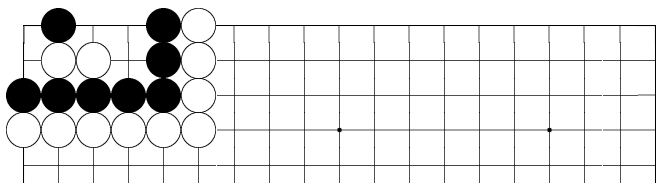
*problem 498*



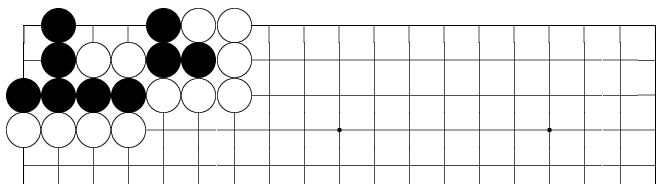
*problem 499*



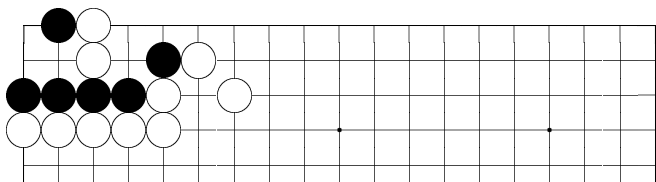
*problem 500*



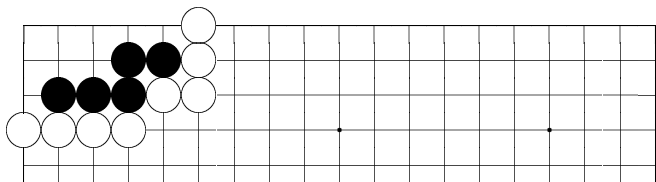
*problem 501*



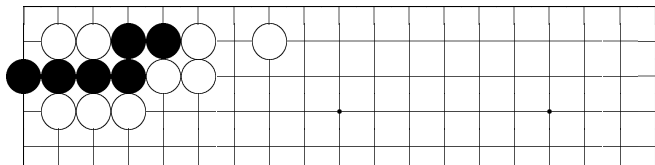
*problem 502*



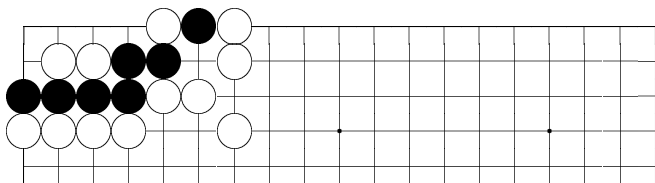
*problem 503*



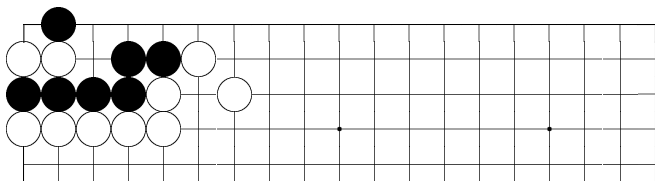
*problem 504*



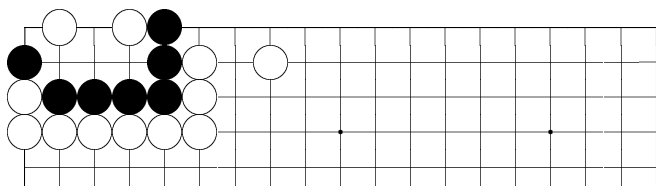
*problem 505*



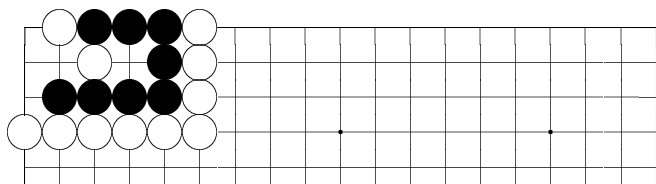
*problem 506*



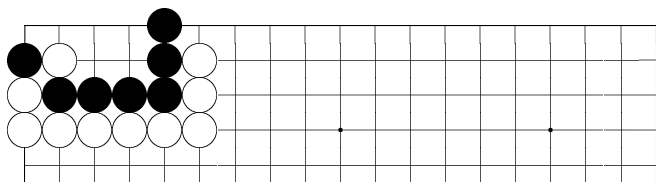
*problem 507*



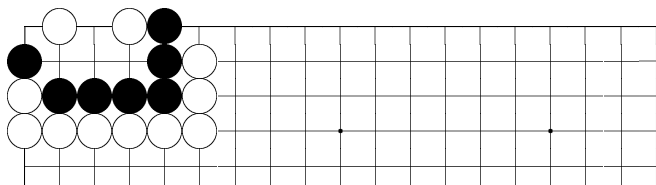
*problem 508*



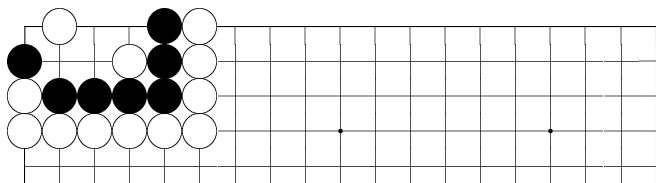
*problem 509*



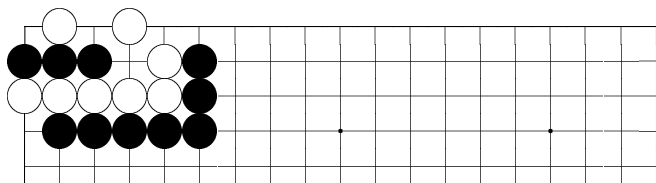
*problem 510*



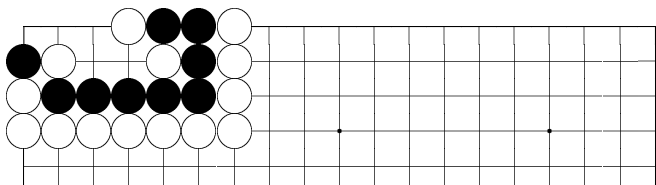
*problem 511*



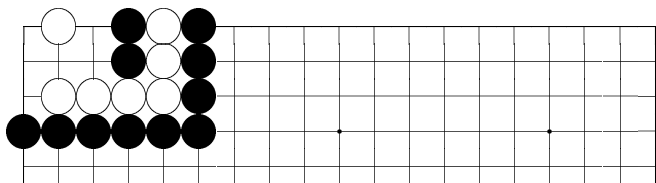
*problem 512*



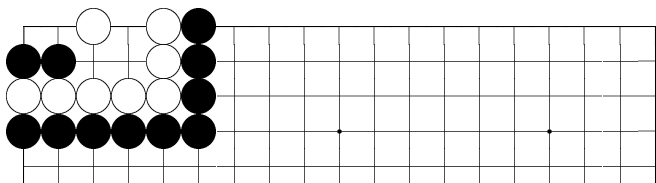
*problem 513*



*problem 514*

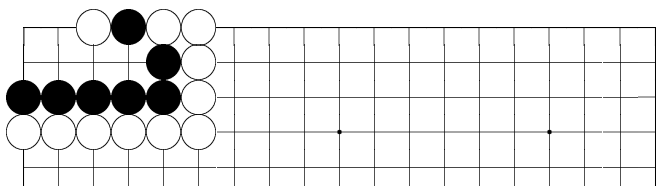


*problem 515*

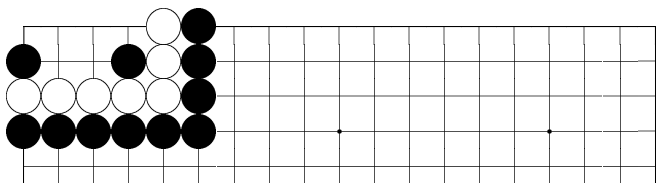


*problem 516*

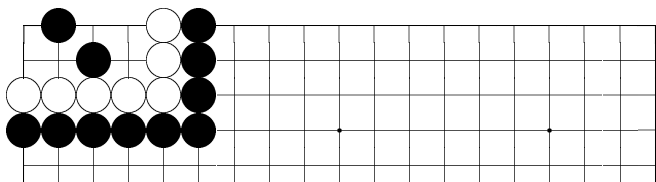




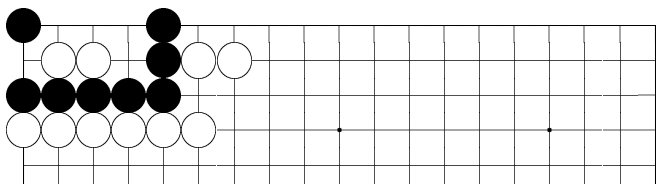
*problem 517*



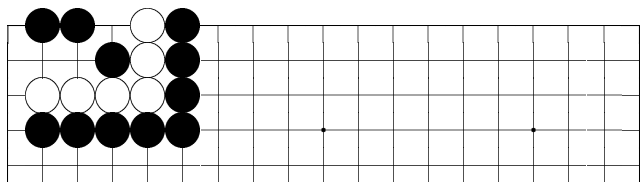
*problem 518*



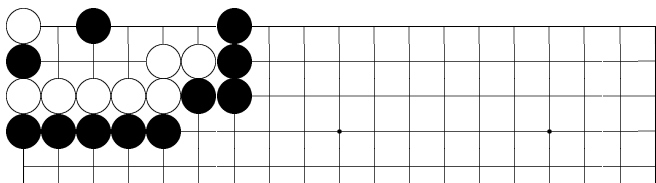
*problem 519*



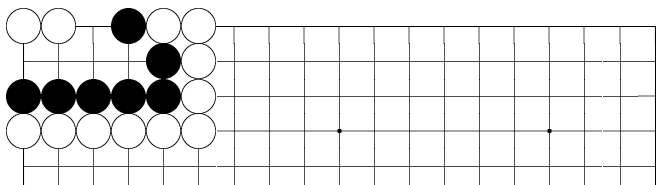
*problem 520*



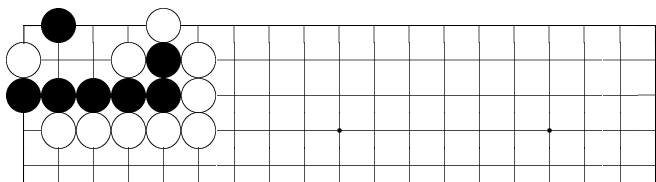
*problem 521*



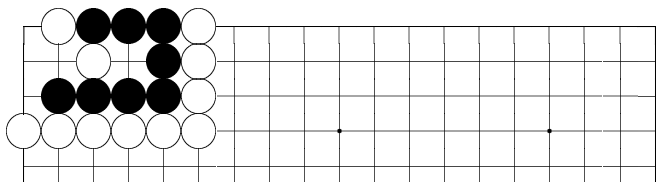
*problem 522*



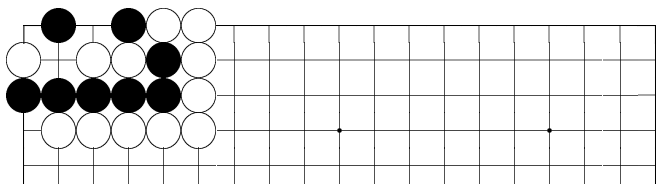
*problem 523*



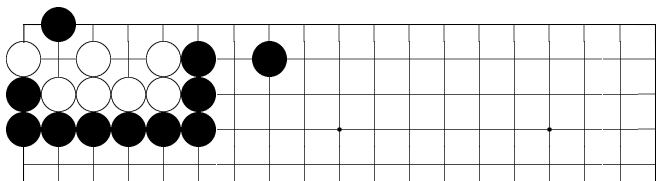
*problem 524*



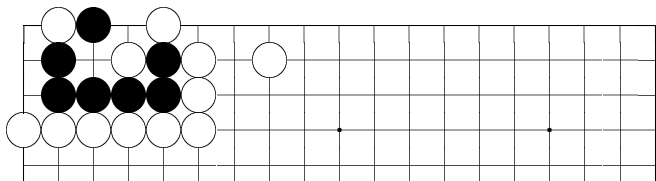
*problem 525*



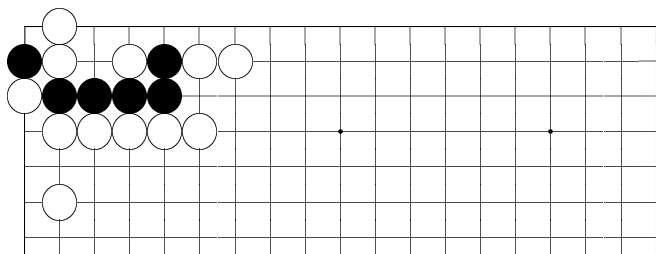
*problem 526*



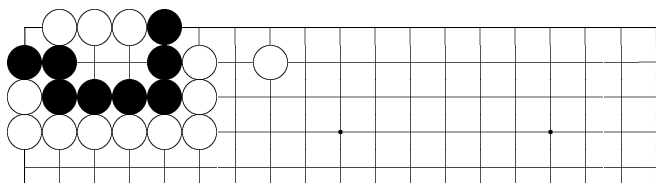
*problem 527*



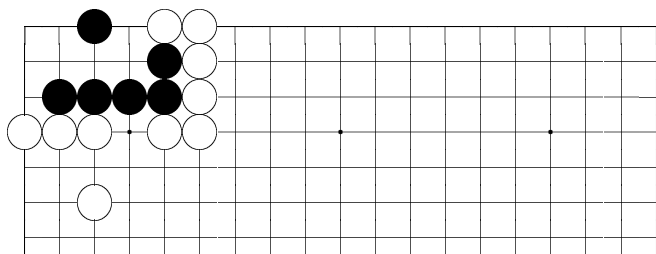
*problem 528*



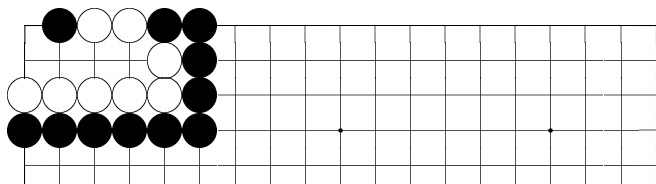
*problem 529*



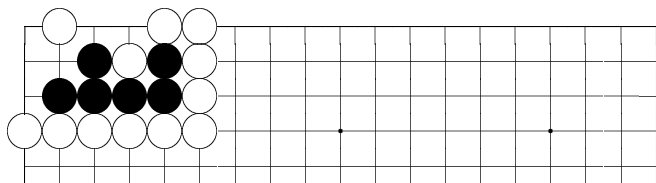
*problem 530*



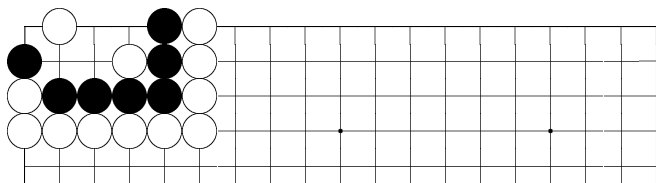
*problem 531*



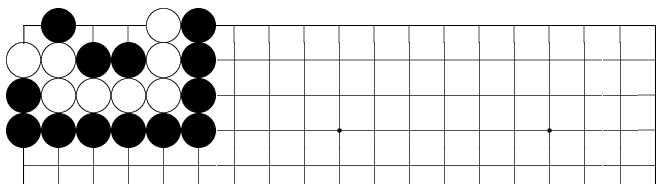
*problem 532*



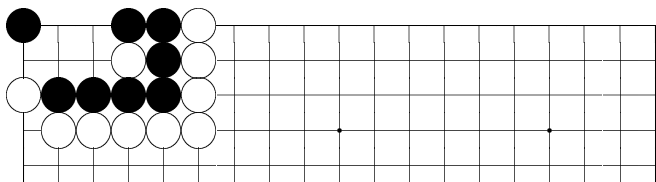
*problem 533*



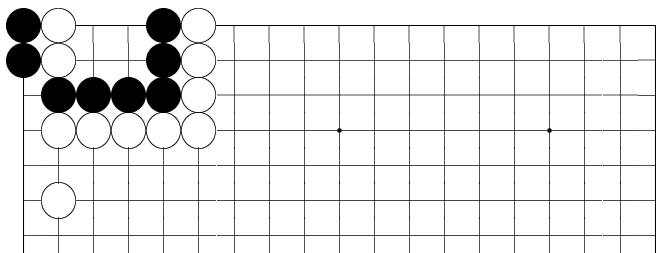
*problem 534*



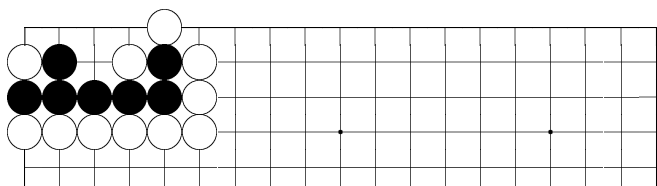
*problem 535*



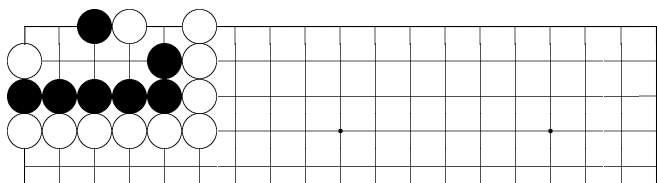
*problem 536*



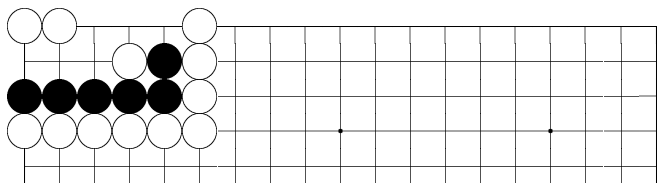
*problem 537*



*problem 538*

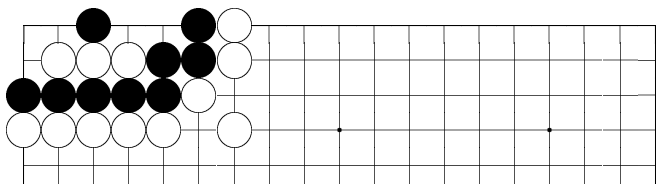


*problem 539*

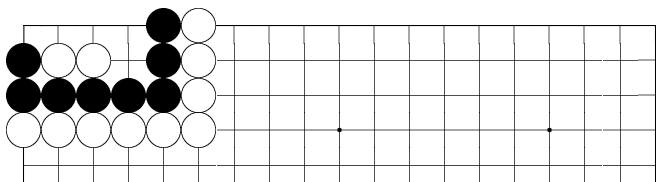


*problem 540*

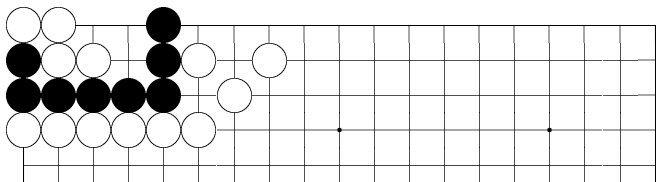




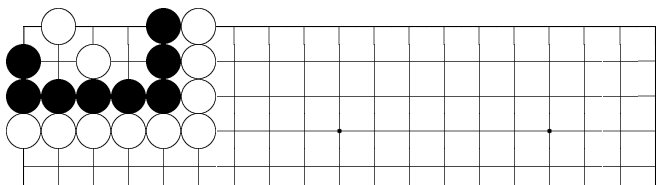
*problem 541*



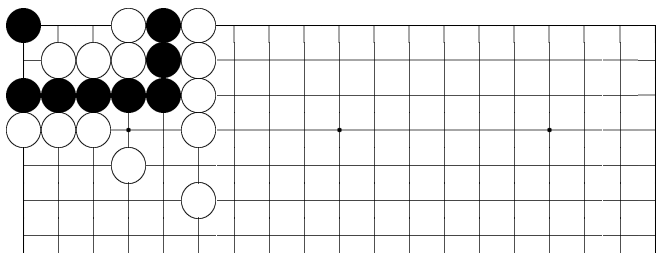
*problem 542*



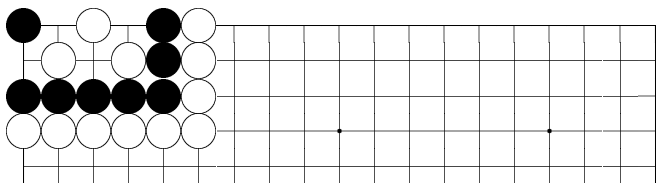
*problem 543*



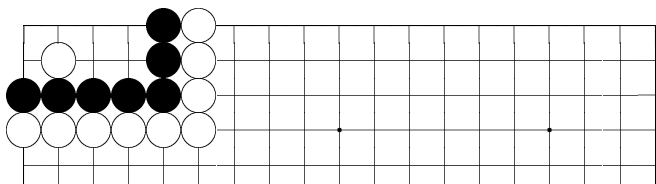
*problem 544*



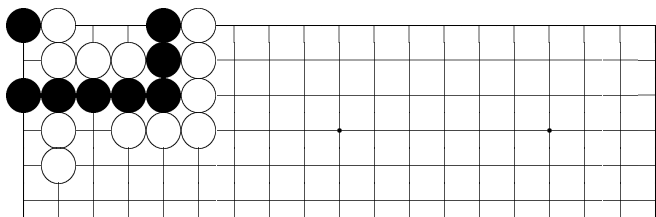
*problem 545*



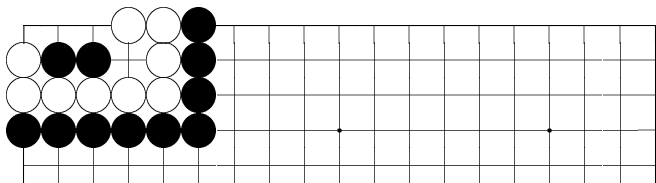
*problem 546*



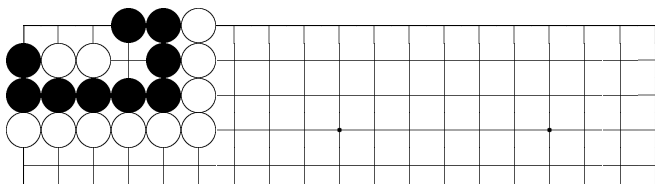
*problem 547*



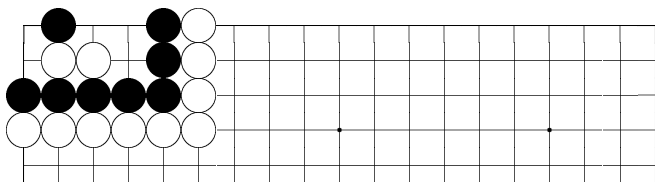
*problem 548*



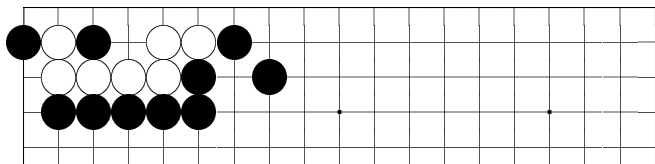
*problem 549*



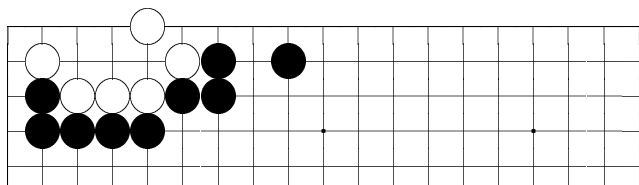
*problem 550*



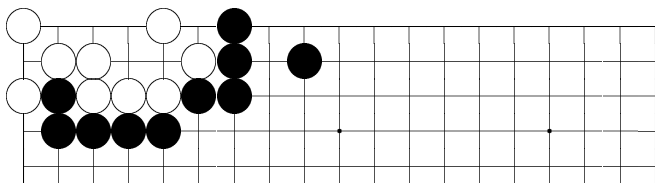
*problem 551*



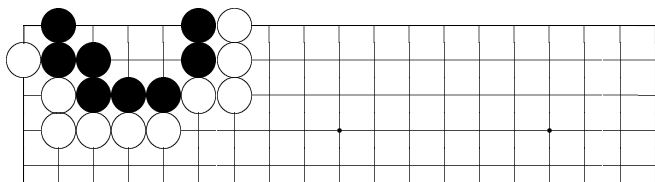
*problem 552*



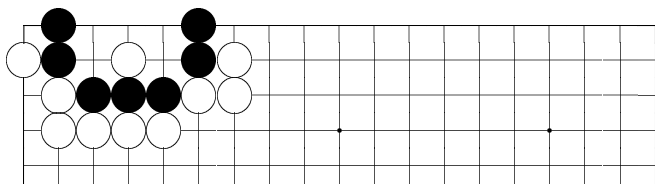
*problem 553*



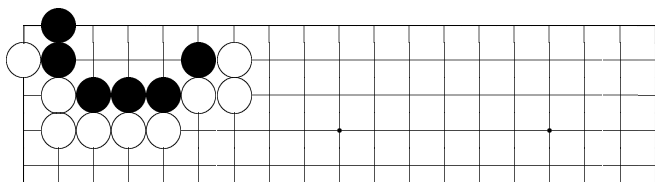
*problem 554*



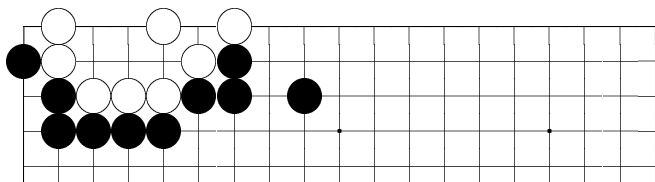
*problem 555*



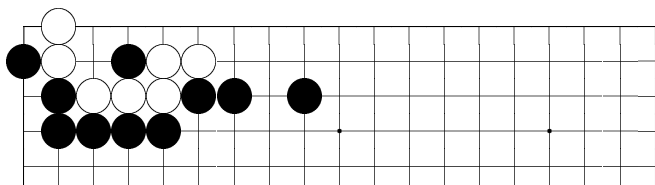
*problem 556*



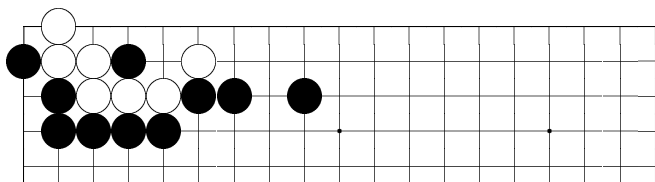
*problem 557*



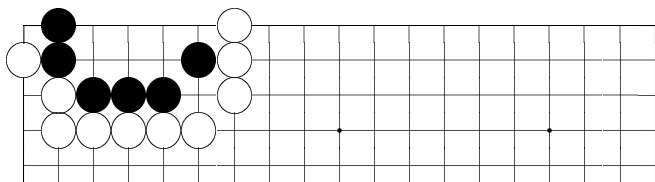
*problem 558*



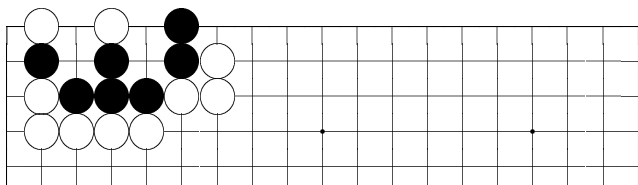
*problem 559*



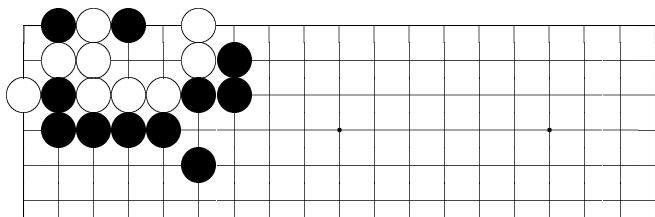
*problem 560*



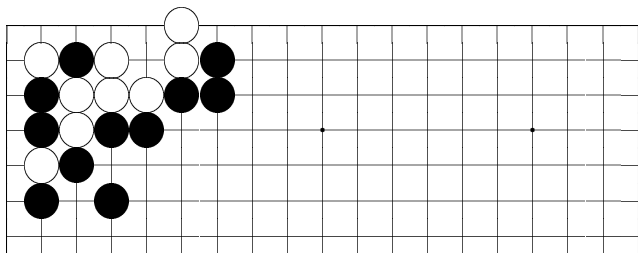
*problem 561*



*problem 562*

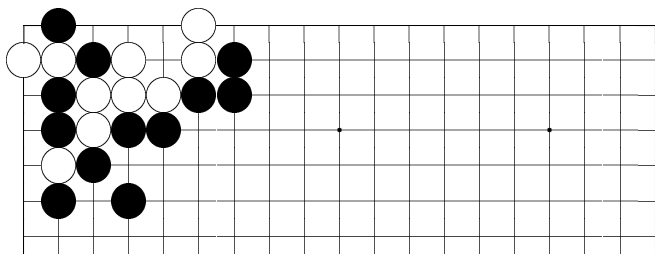


*problem 563*

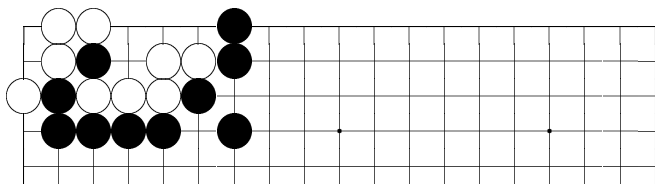


*problem 564*

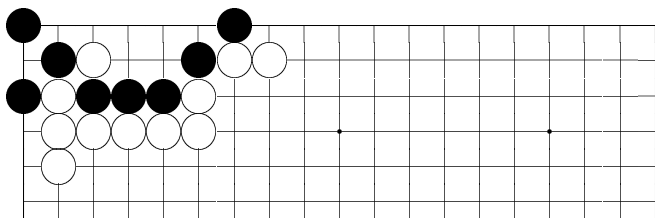




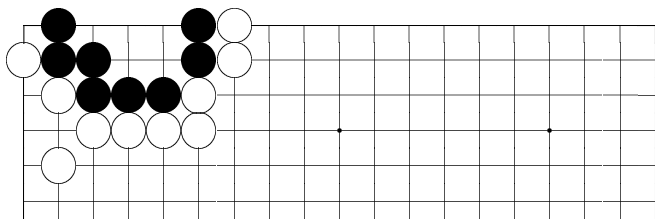
*problem 565*



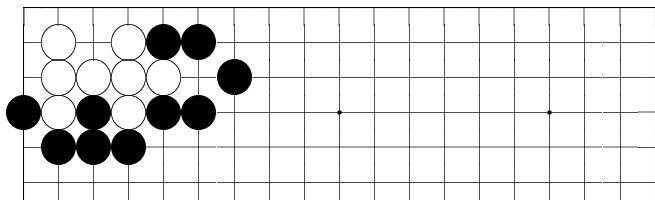
*problem 566*



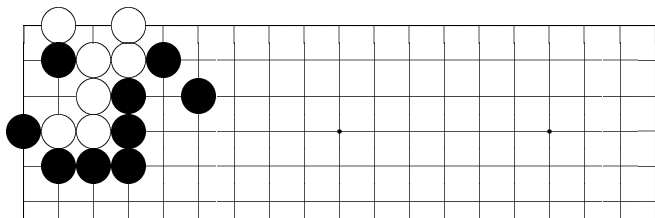
*problem 567*



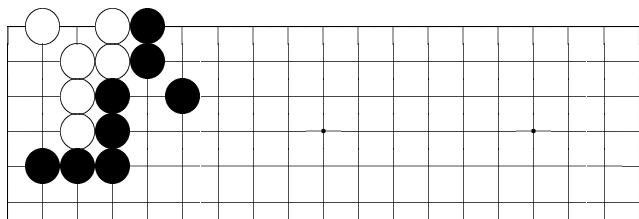
*problem 568*



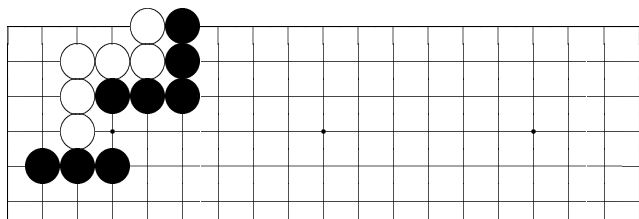
*problem 569*



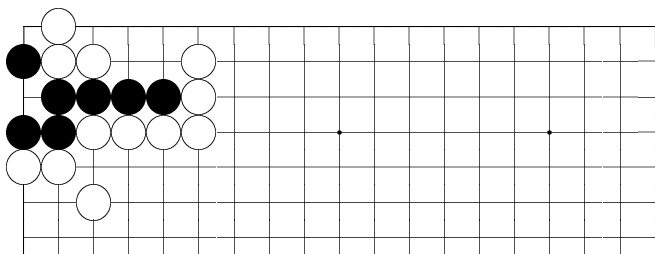
*problem 570*



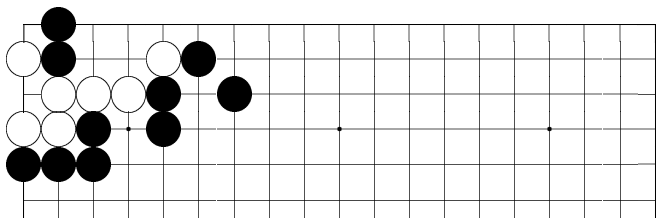
*problem 571*



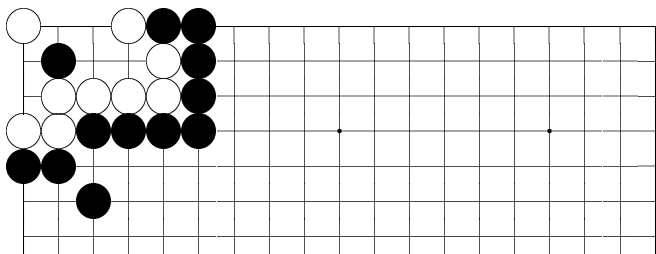
*problem 572*



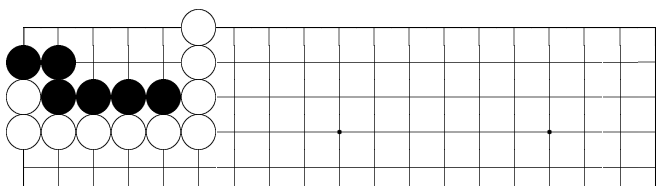
*problem 573*



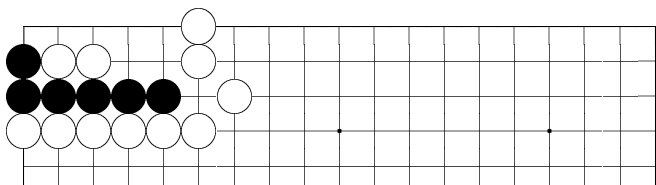
*problem 574*



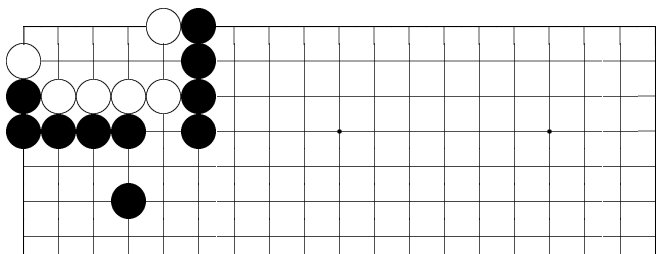
*problem 575*



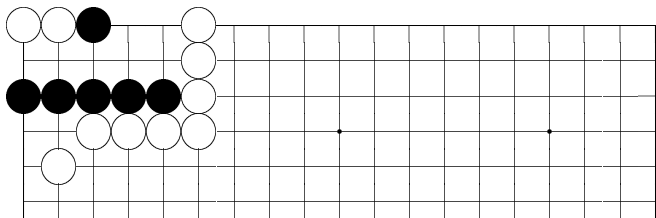
*problem 576*



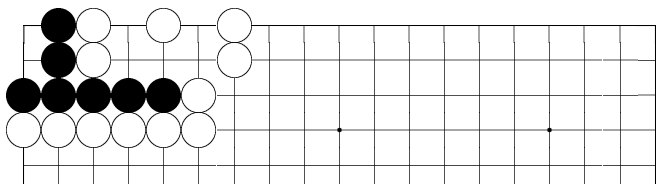
*problem 577*



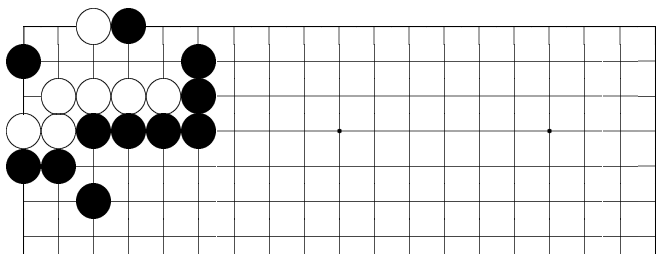
*problem 578*



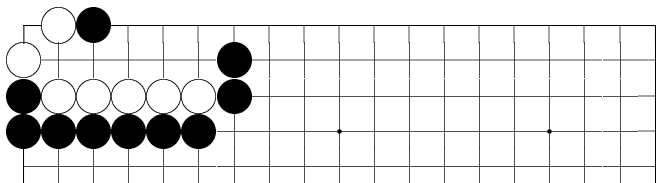
*problem 579*



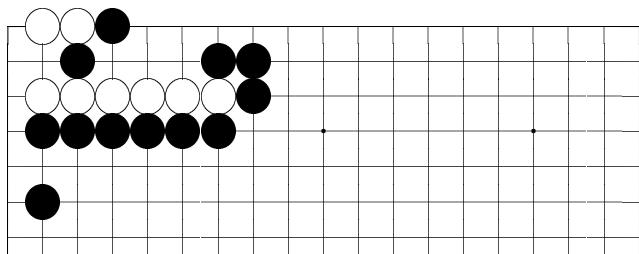
*problem 580*



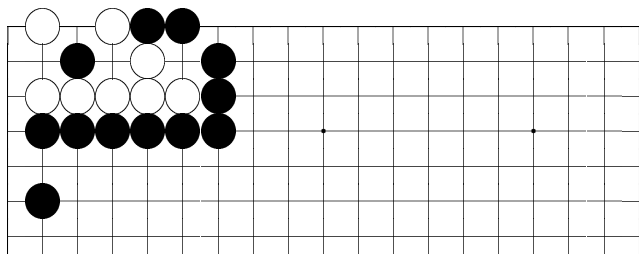
*problem 581*



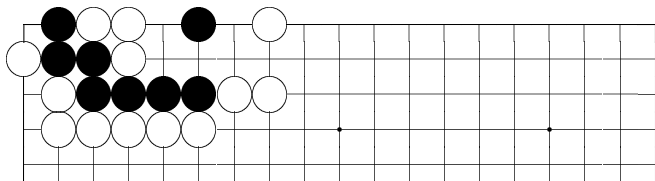
*problem 582*



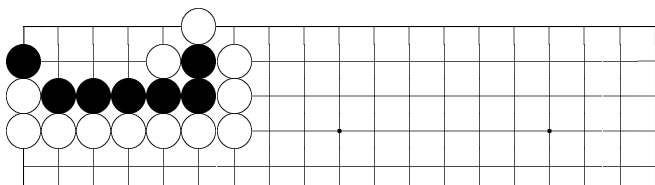
*problem 583*



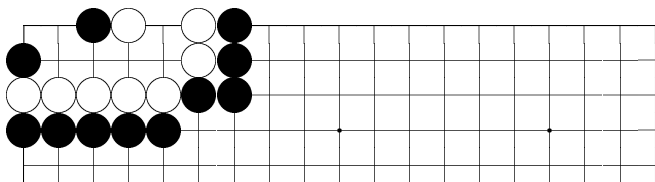
*problem 584*



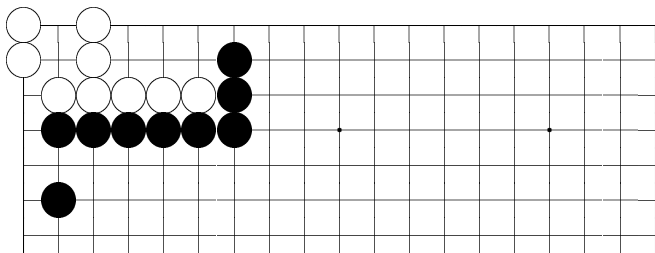
*problem 585*



*problem 586*

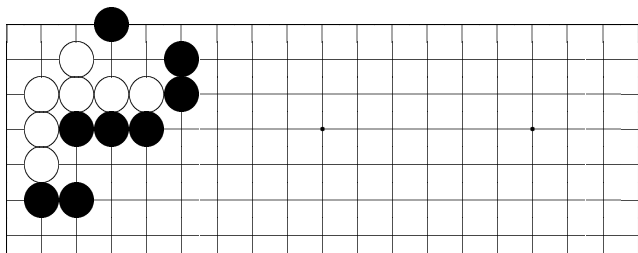


*problem 587*

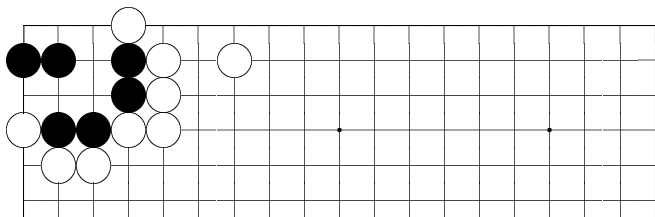


*problem 588*

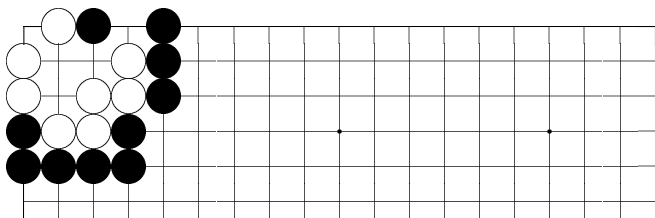




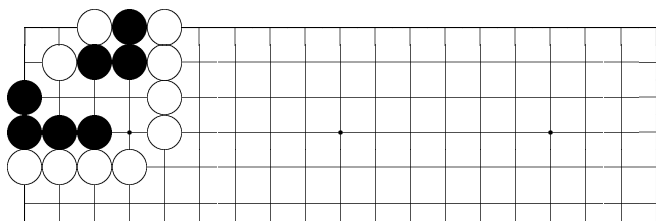
*problem 589*



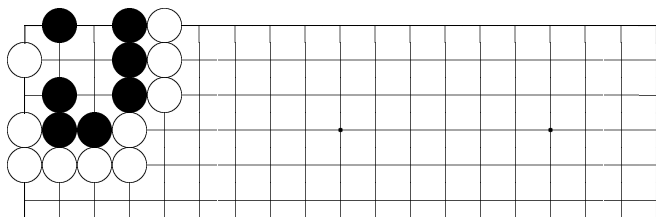
*problem 590*



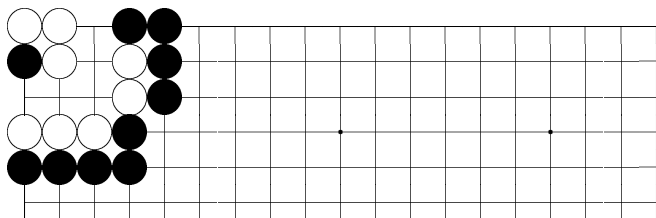
*problem 591*



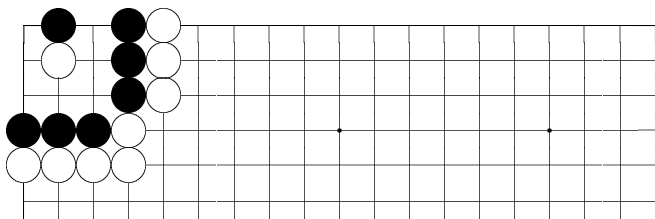
*problem 592*



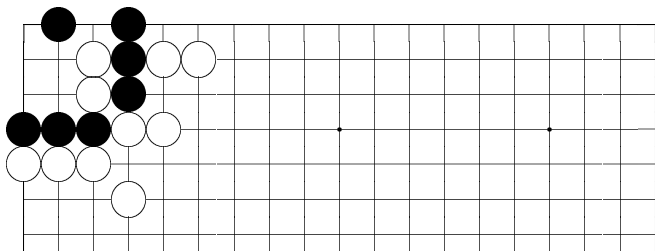
*problem 593*



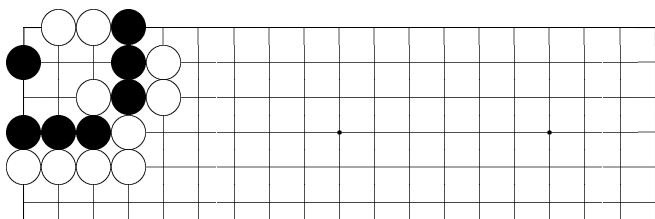
*problem 594*



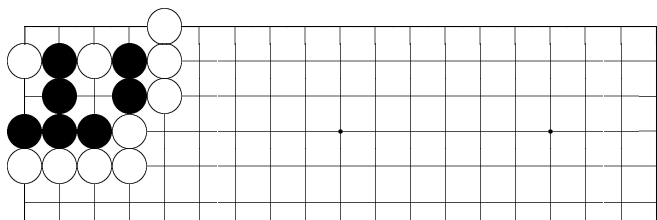
*problem 595*



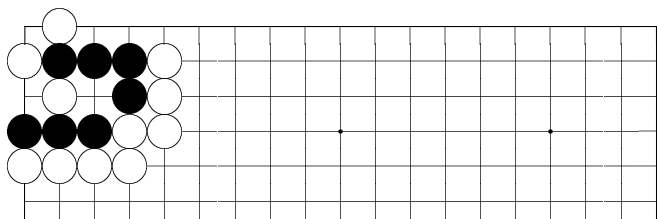
*problem 596*



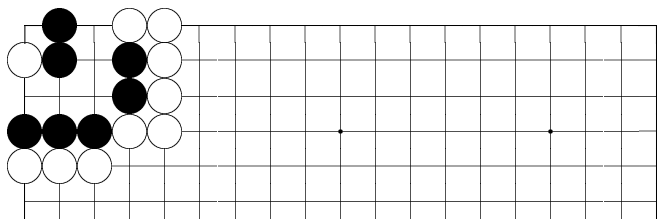
*problem 597*



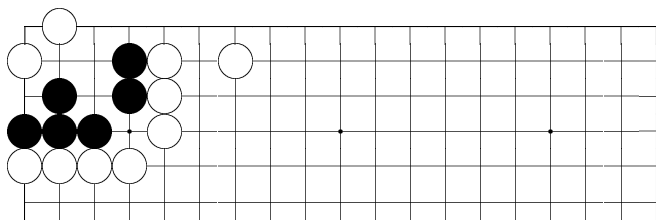
*problem 598*



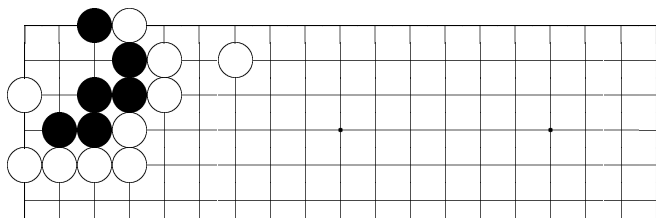
*problem 599*



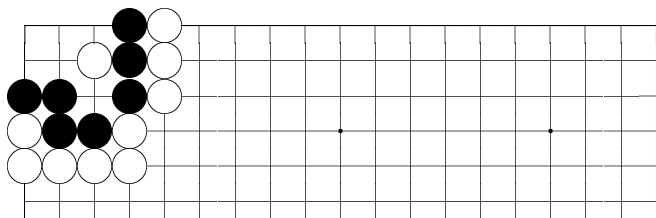
*problem 600*



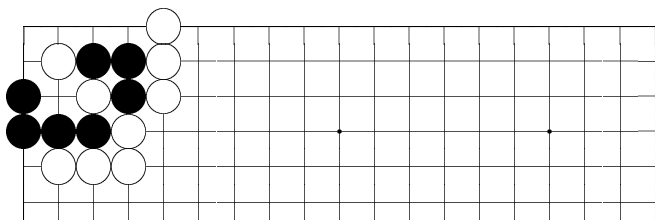
*problem 601*



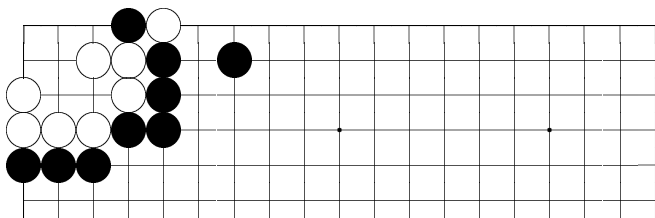
*problem 602*



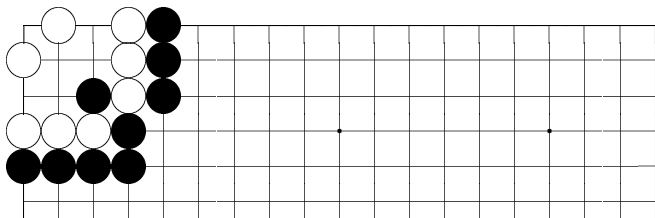
*problem 603*



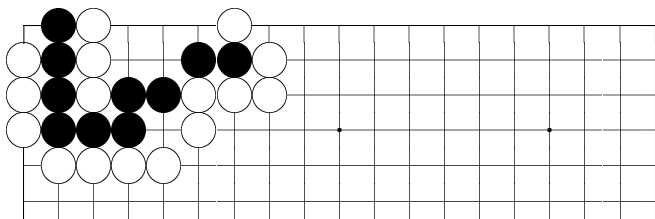
*problem 604*



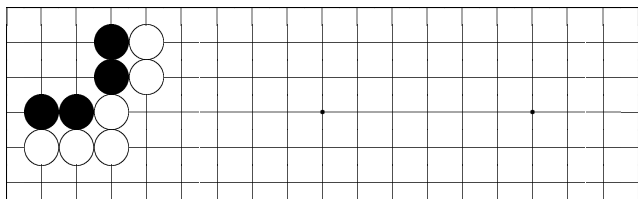
*problem 605*



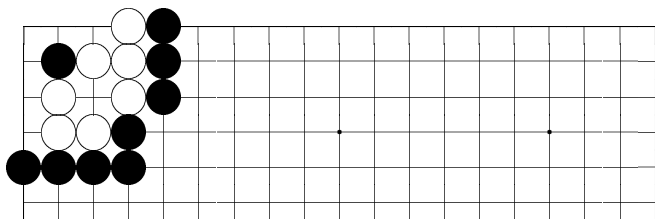
*problem 606*



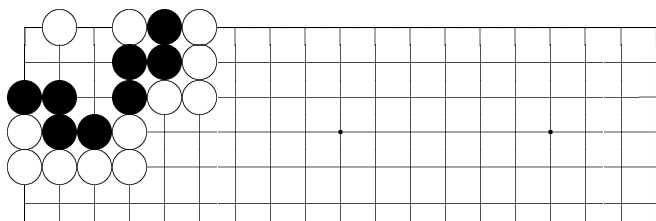
*problem 607*



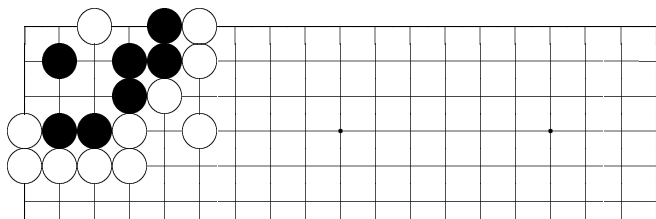
*problem 608*



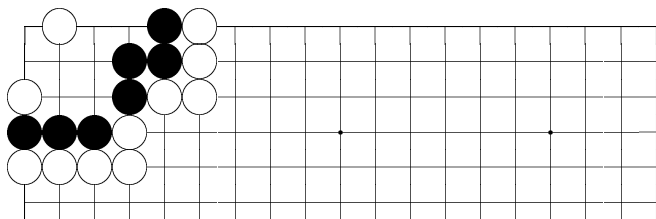
*problem 609*



*problem 610*

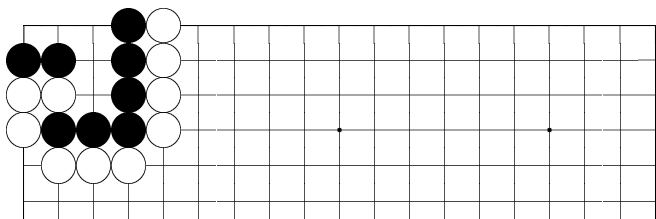


*problem 611*

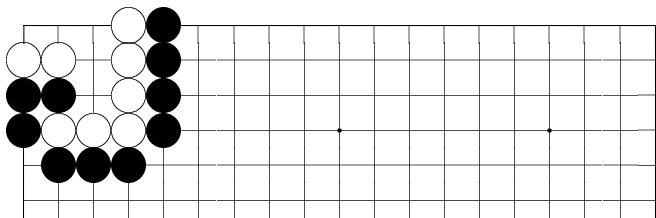


*problem 612*

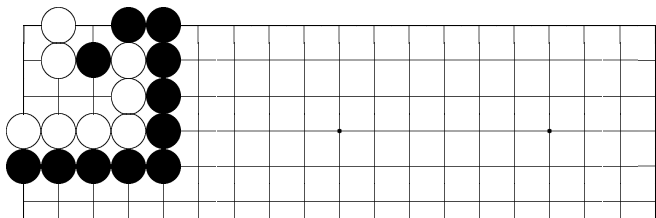




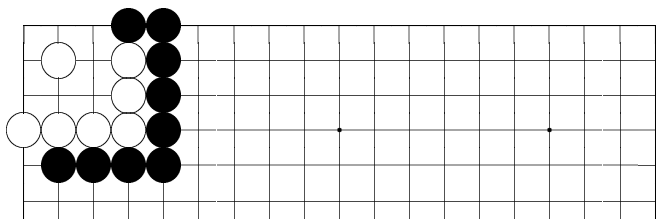
*problem 613*



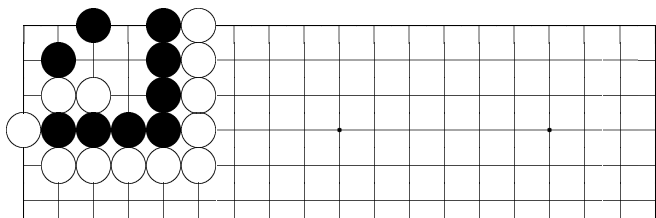
*problem 614*



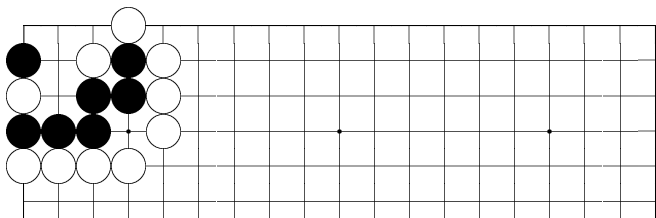
*problem 615*



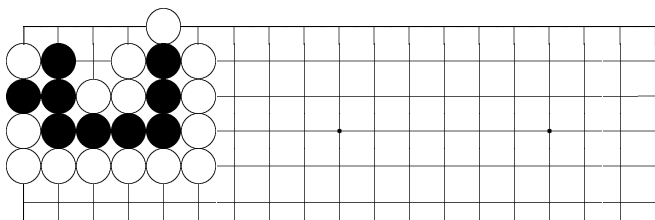
*problem 616*



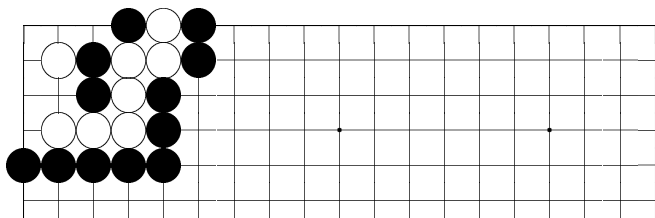
*problem 617*



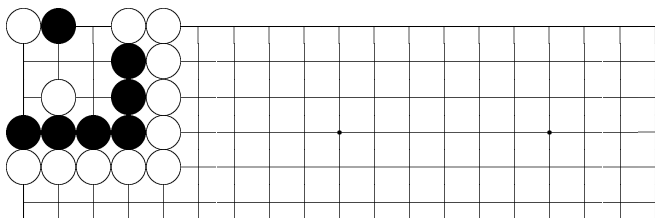
*problem 618*



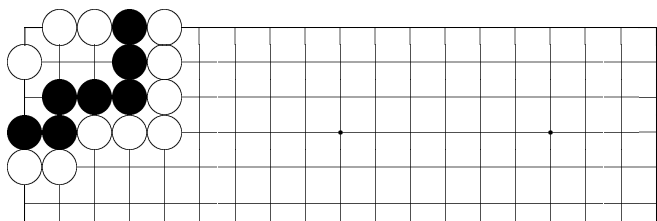
*problem 619*



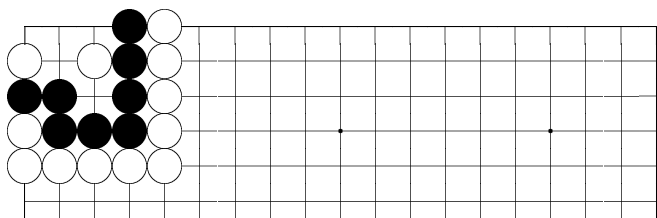
*problem 620*



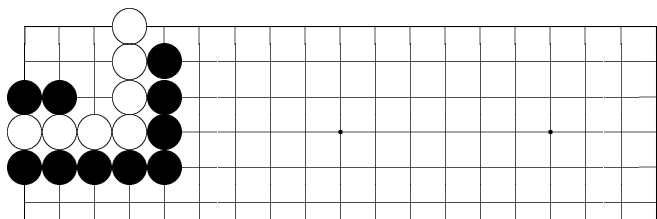
*problem 621*



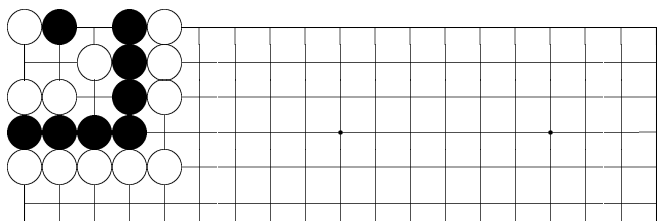
*problem 622*



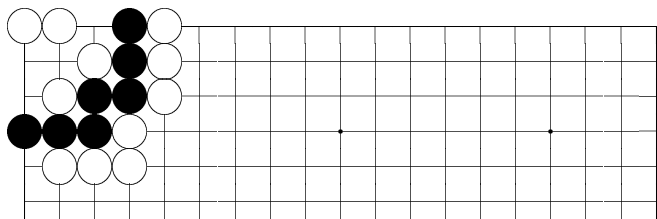
*problem 623*



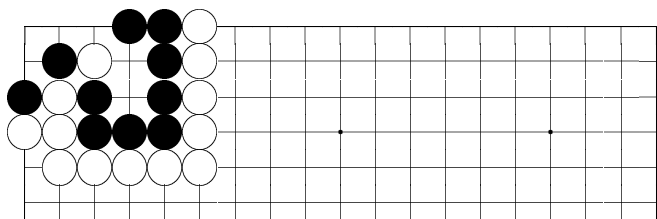
*problem 624*



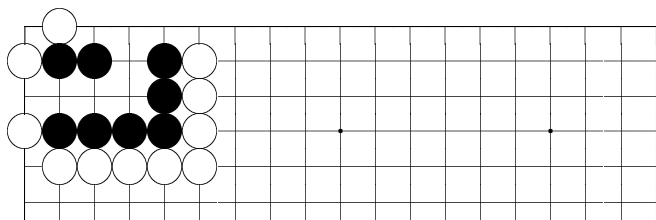
*problem 625*



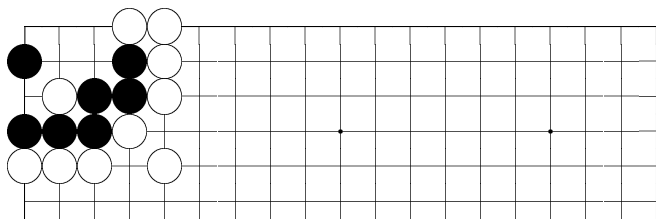
*problem 626*



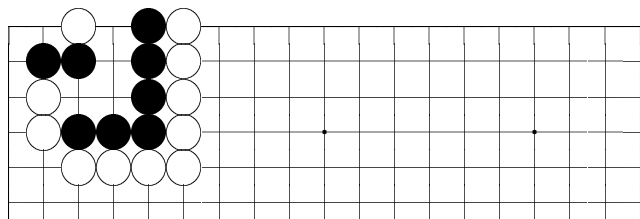
*problem 627*



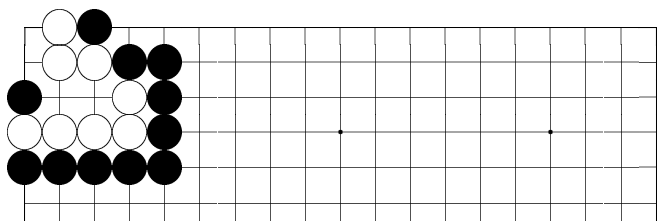
*problem 628*



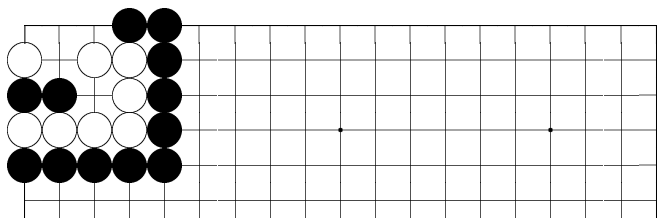
*problem 629*



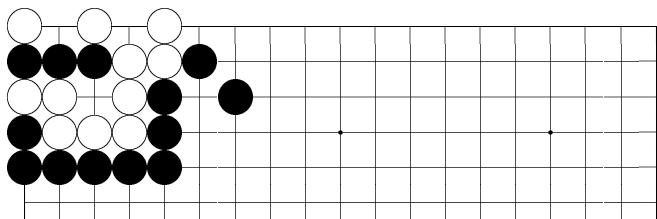
*problem 630*



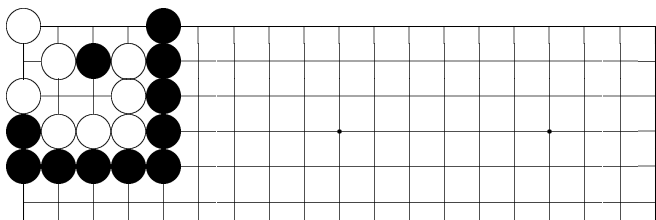
*problem 631*



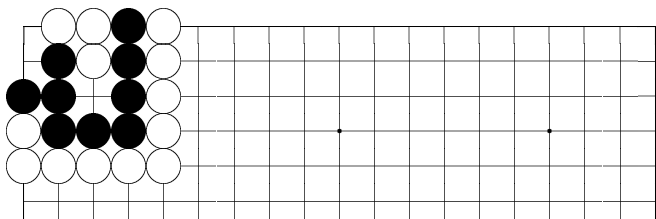
*problem 632*



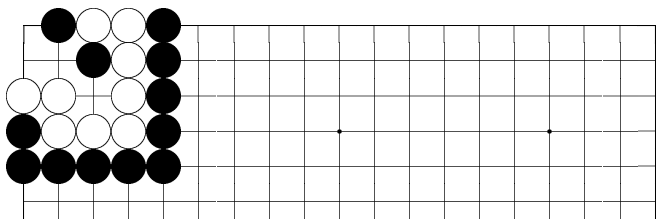
*problem 633*



*problem 634*

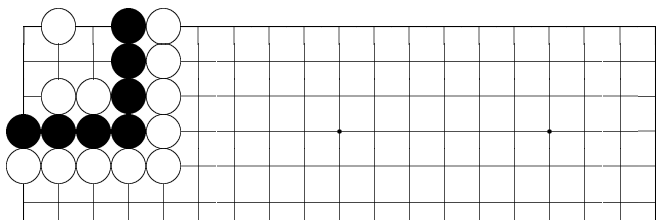


*problem 635*

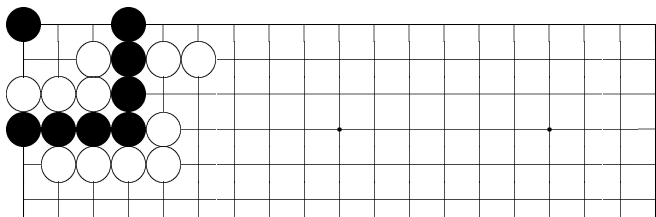


*problem 636*

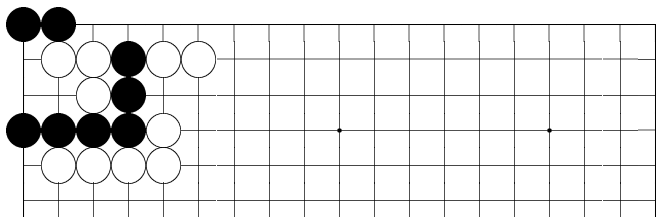




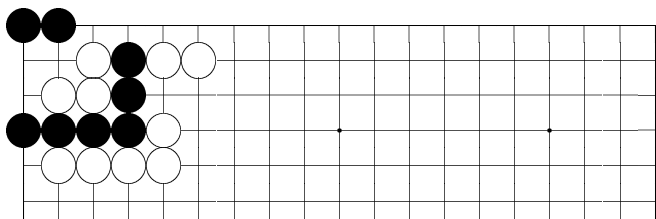
*problem 637*



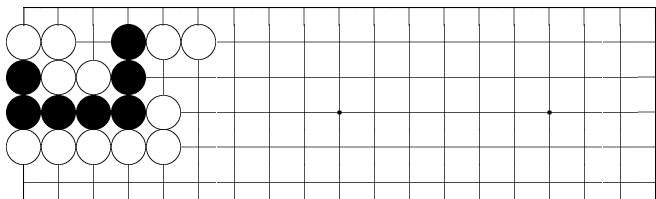
*problem 638*



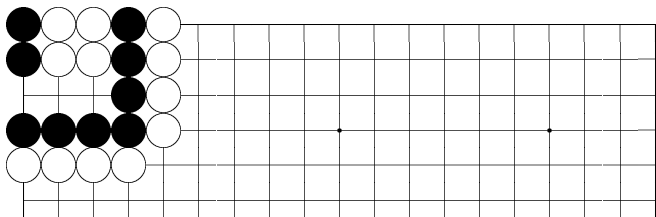
*problem 639*



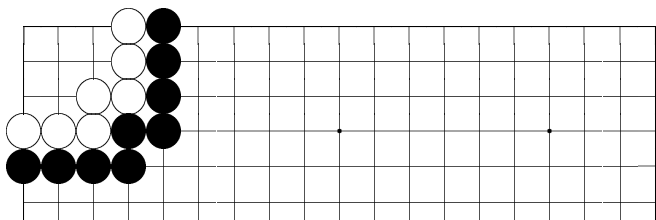
*problem 640*



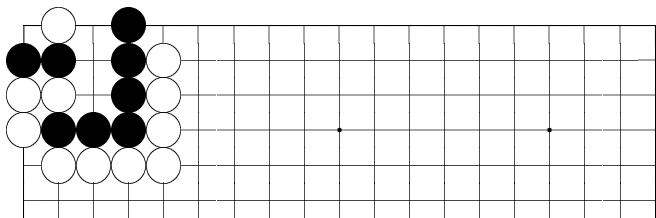
*problem 641*



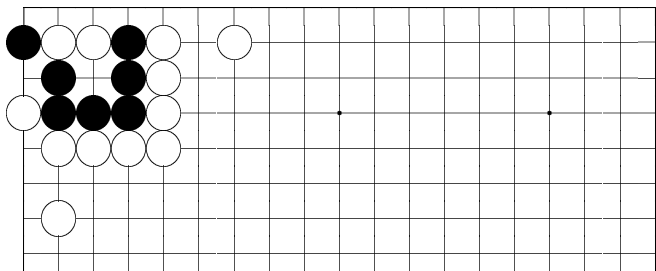
*problem 642*



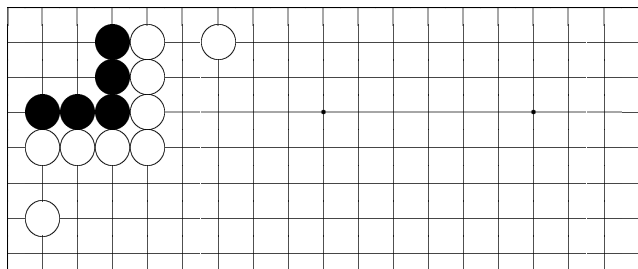
*problem 643*



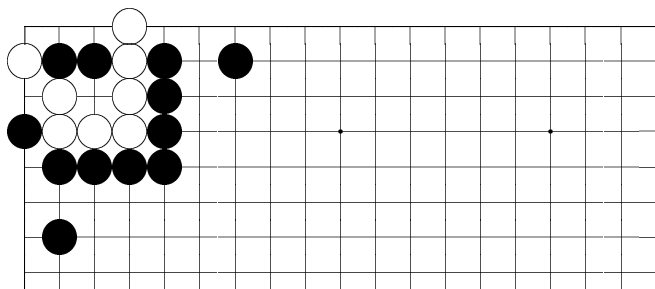
*problem 644*



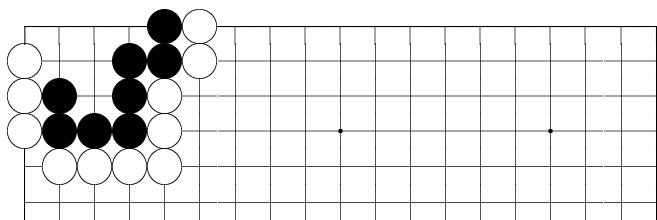
*problem 645*



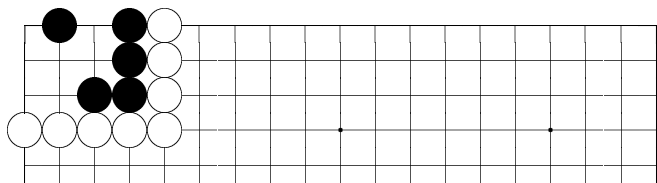
*problem 646*



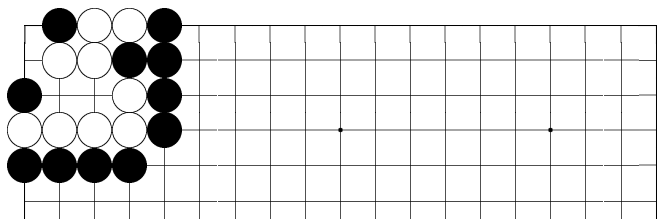
*problem 647*



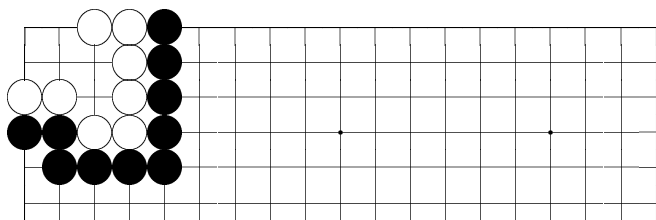
*problem 648*



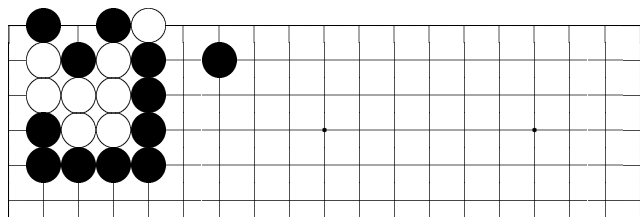
*problem 649*



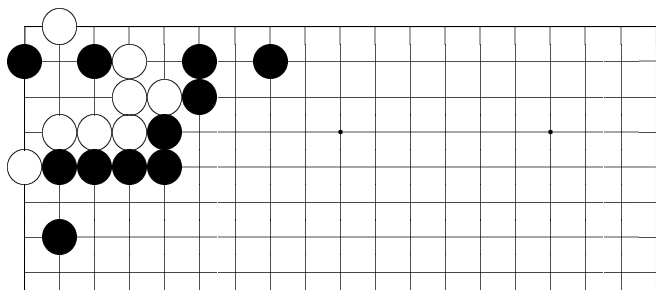
*problem 650*



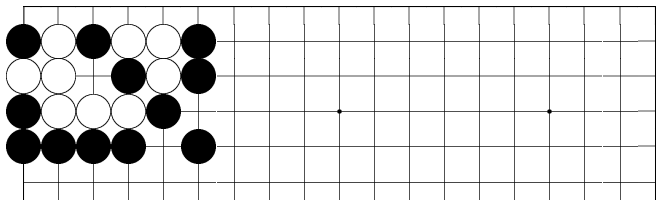
*problem 651*



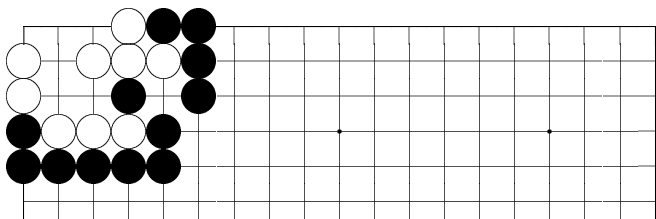
*problem 652*



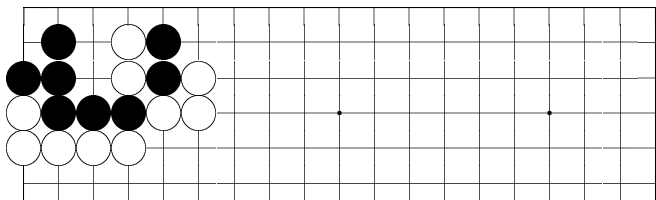
*problem 653*



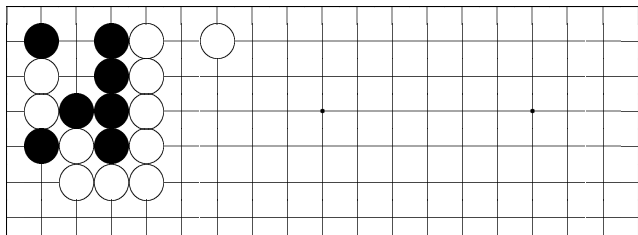
*problem 654*



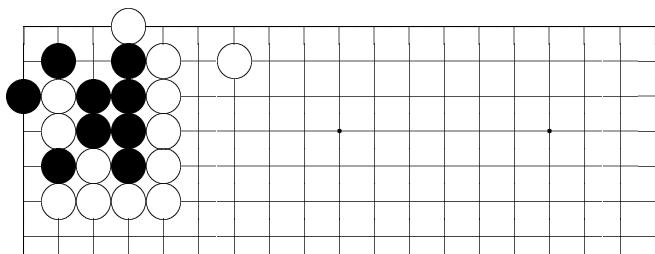
*problem 655*



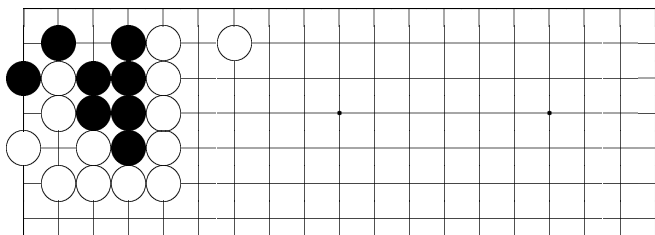
*problem 656*



*problem 657*

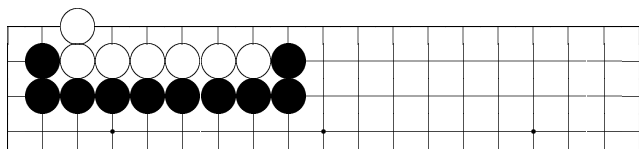


*problem 658*

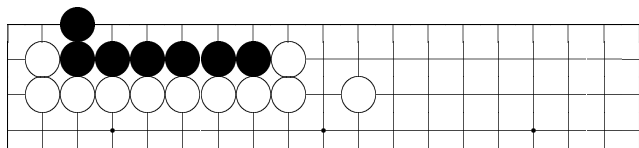


*problem 659*

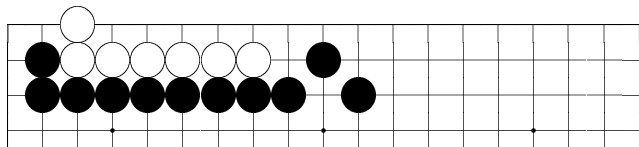




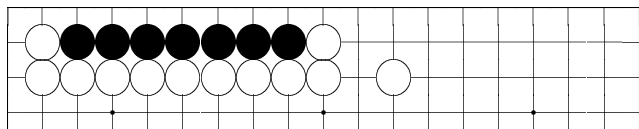
*problem 660*



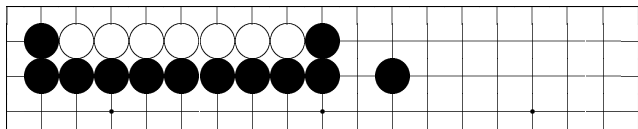
*problem 661*



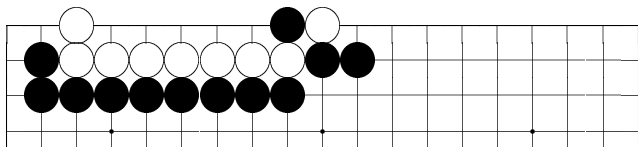
*problem 662*



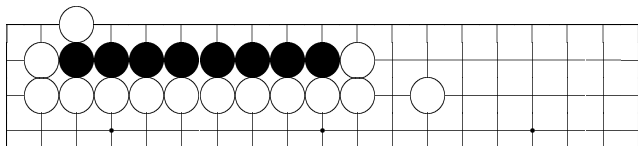
*problem 663*



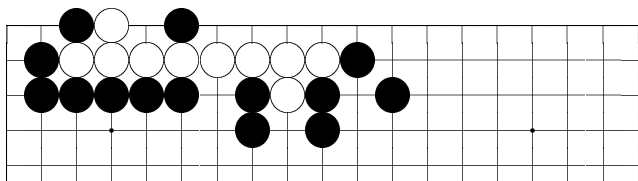
*problem 664*



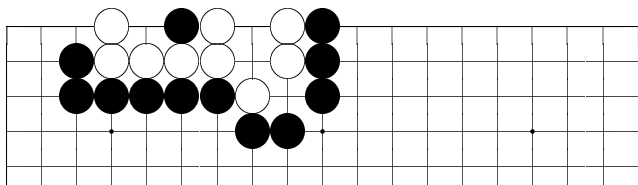
*problem 665*



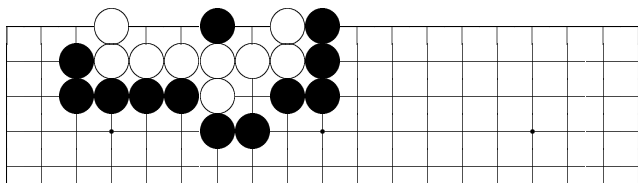
*problem 666*



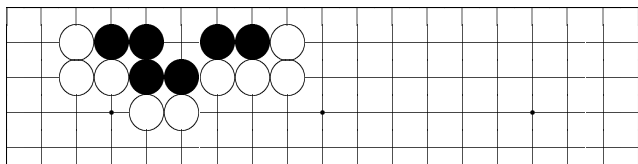
*problem 667*



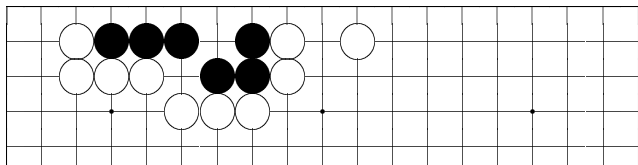
*problem 668*



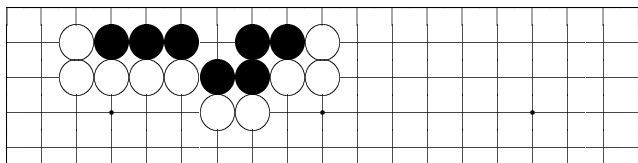
*problem 669*



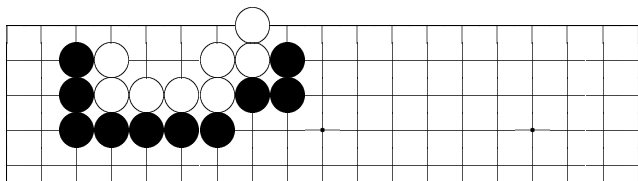
*problem 670*



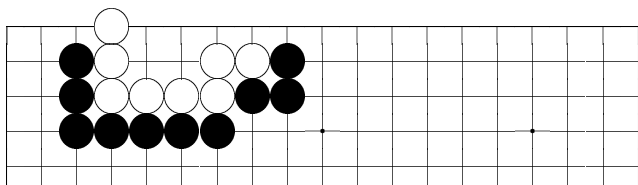
*problem 671*



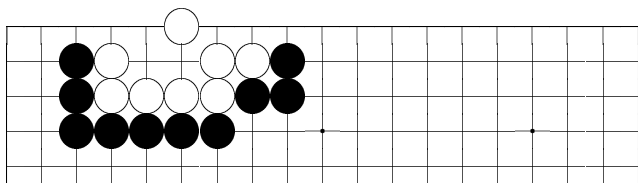
*problem 672*



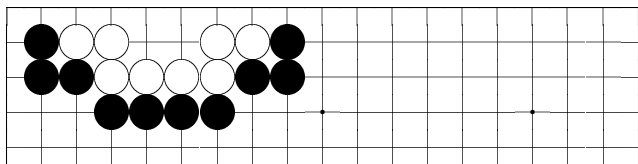
*problem 673*



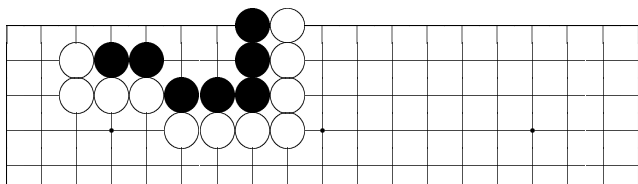
*problem 674*



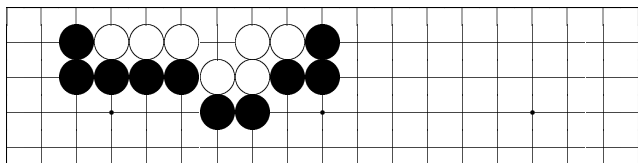
*problem 675*



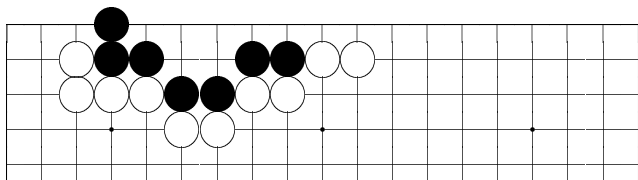
*problem 676*



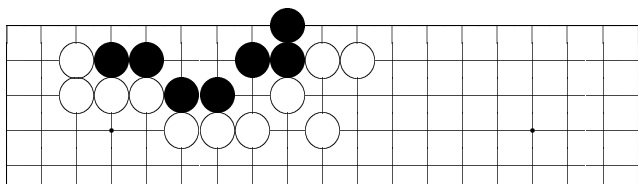
*problem 677*



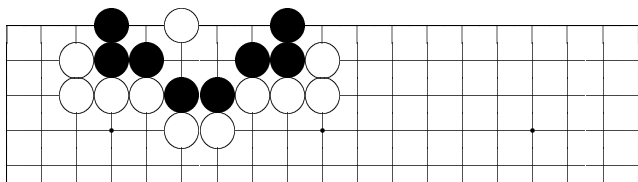
*problem 678*



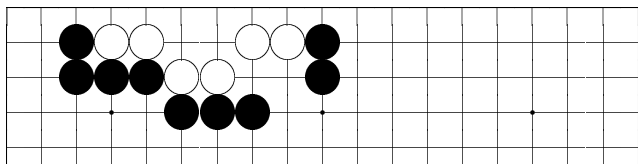
*problem 679*



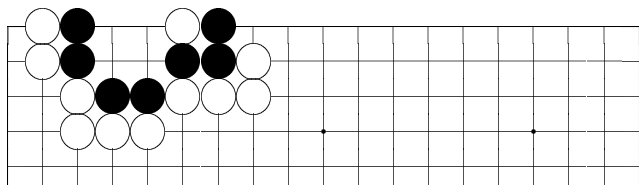
*problem 680*



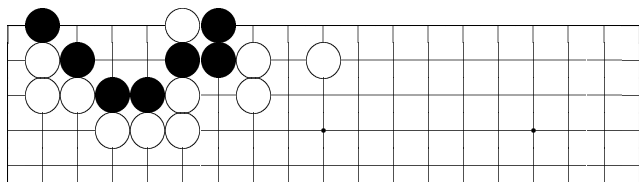
*problem 681*



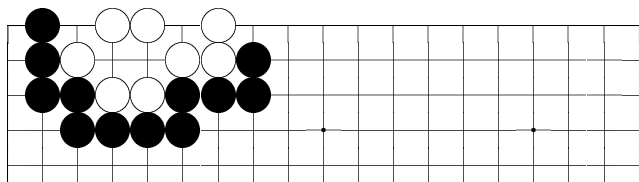
*problem 682*



*problem 683*

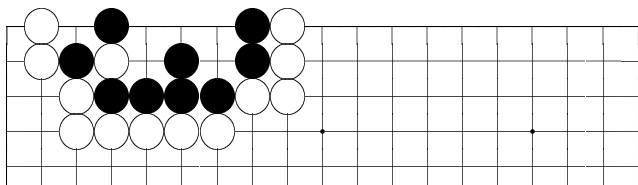


*problem 684*

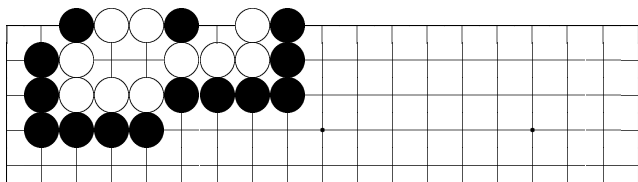


*problem 685*

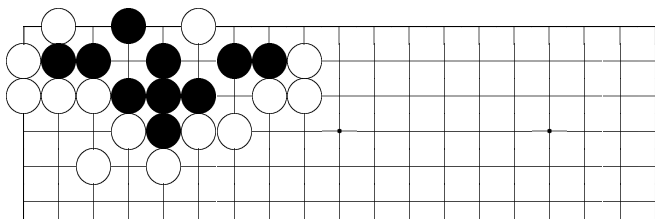




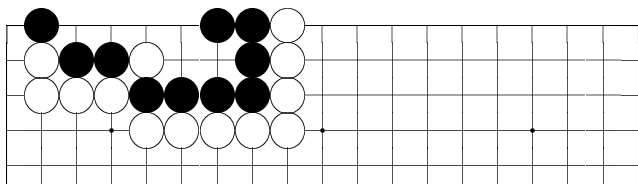
*problem 686*



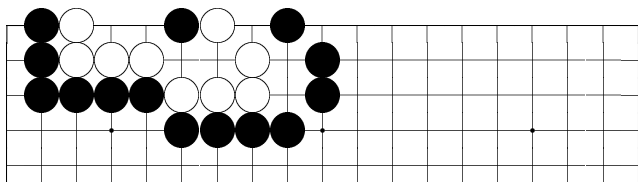
*problem 687*



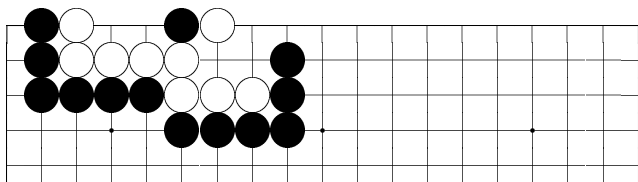
*problem 688*



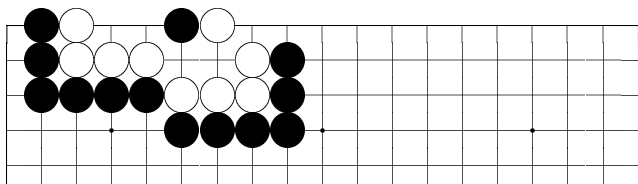
*problem 689*



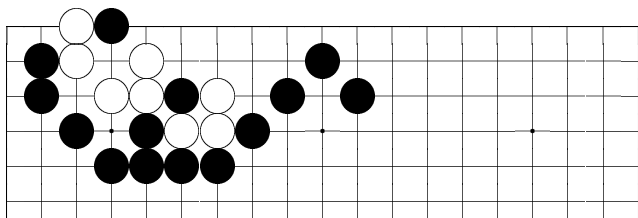
*problem 690*



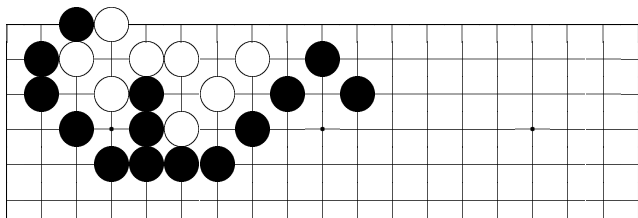
*problem 691*



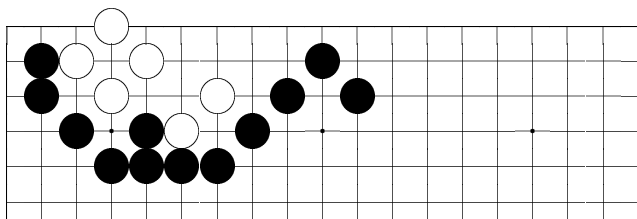
*problem 692*



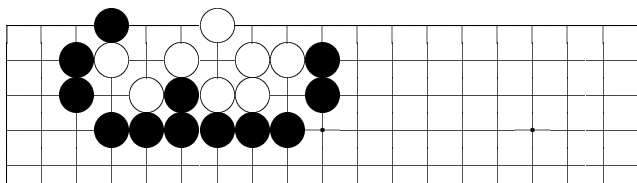
*problem 693*



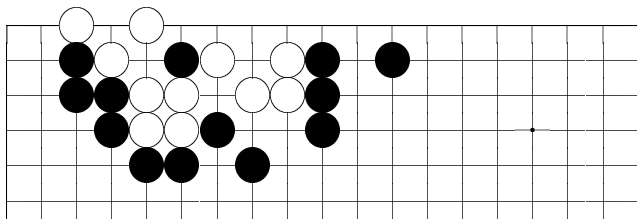
*problem 694*



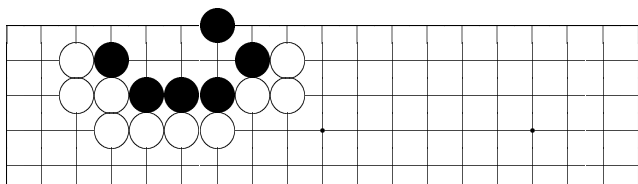
*problem 695*



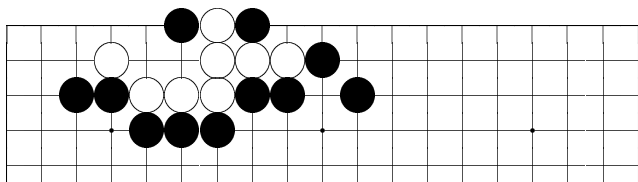
*problem 696*



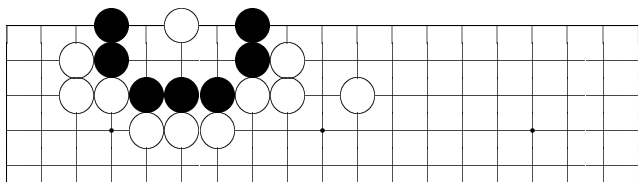
*problem 697*



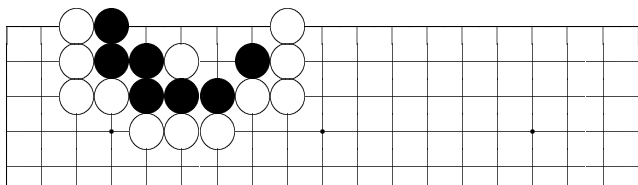
*problem 698*



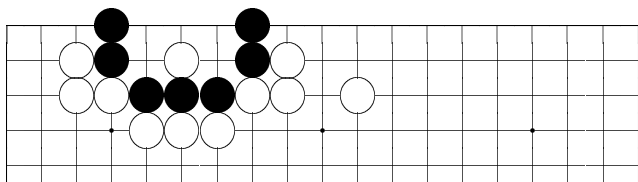
*problem 699*



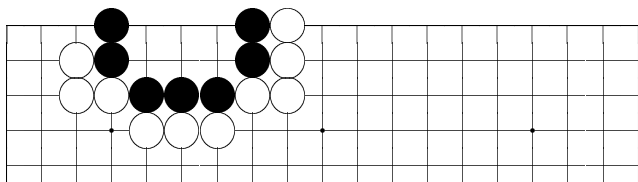
*problem 700*



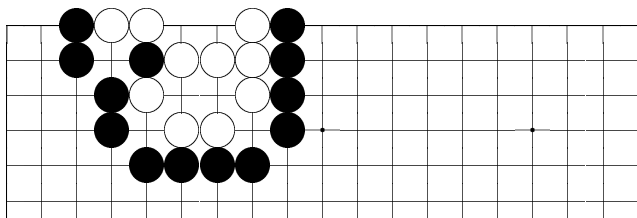
*problem 701*



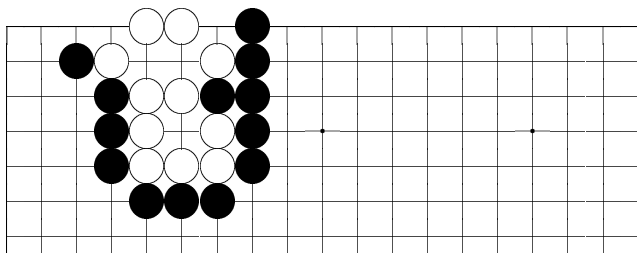
*problem 702*



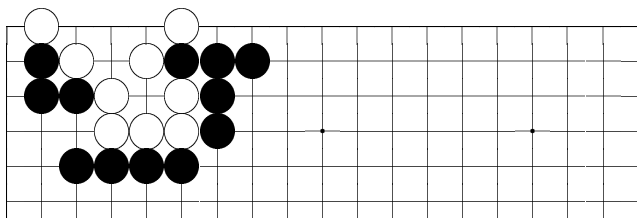
*problem 703*



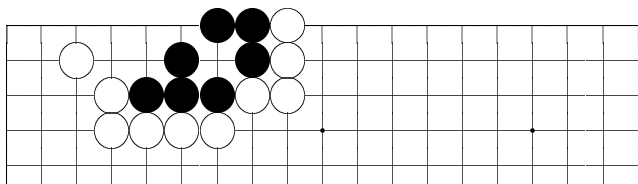
*problem 704*



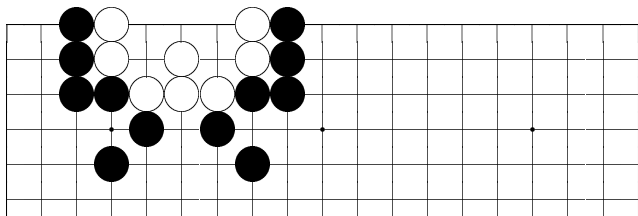
*problem 705*



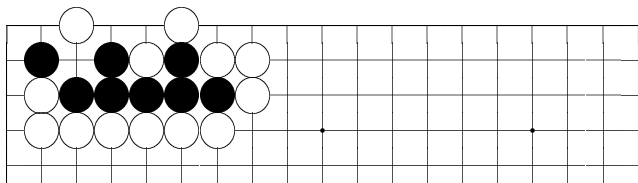
*problem 706*



*problem 707*

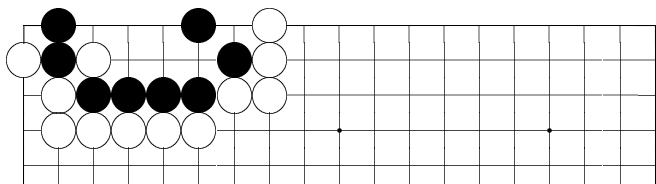


*problem 708*

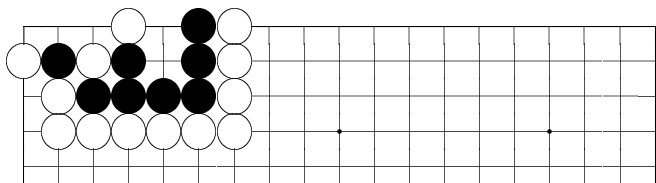


*problem 709*

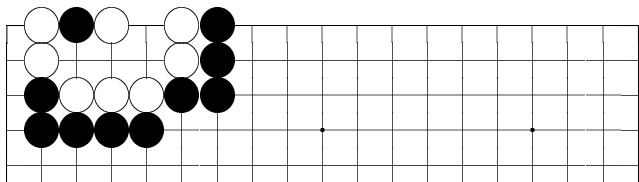




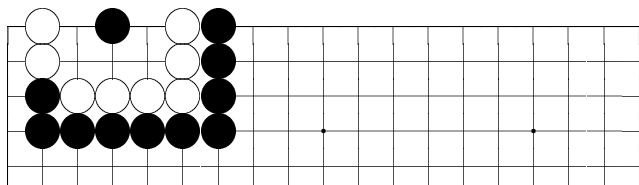
*problem 710*



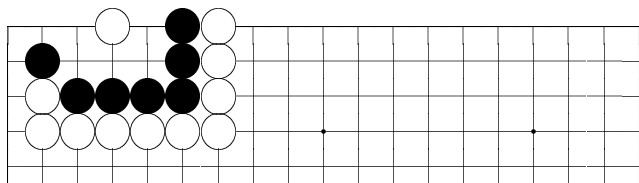
*problem 711*



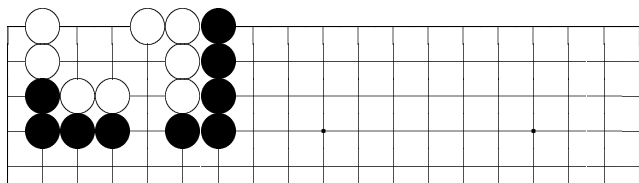
*problem 712*



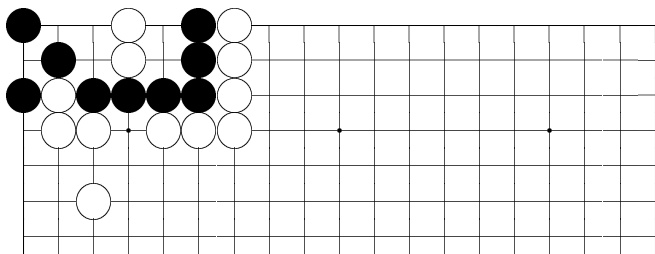
*problem 713*



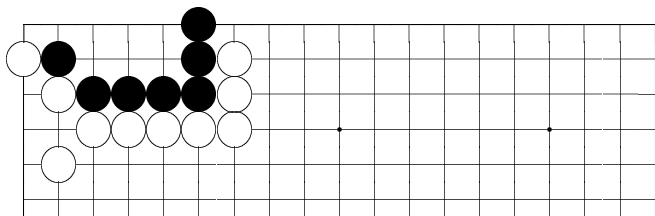
*problem 714*



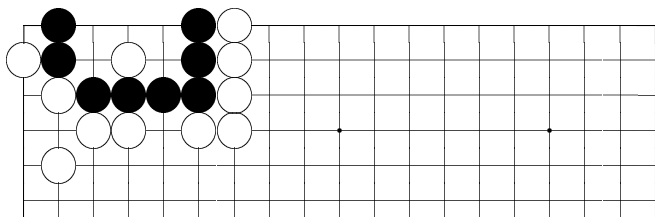
*problem 715*



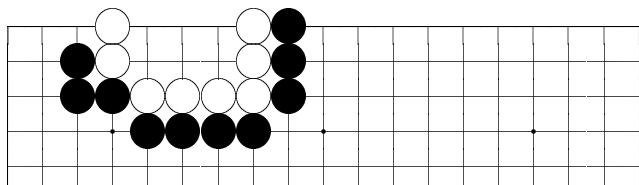
*problem 716*



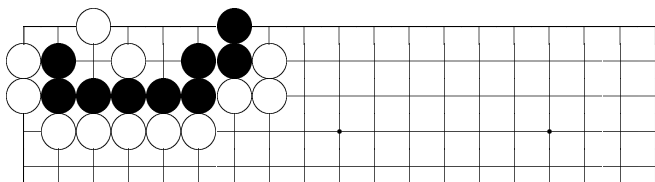
*problem 717*



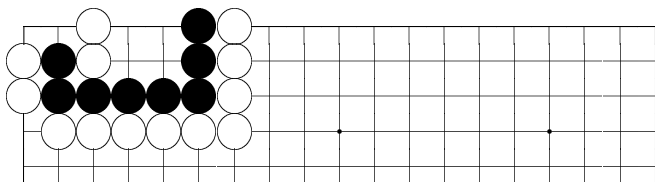
*problem 718*



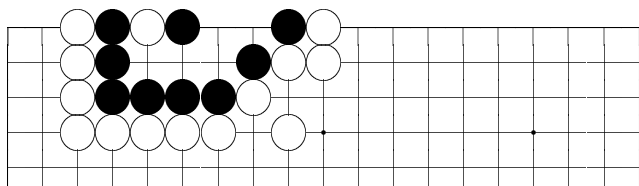
*problem 719*



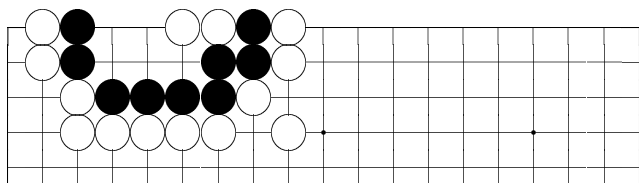
*problem 720*



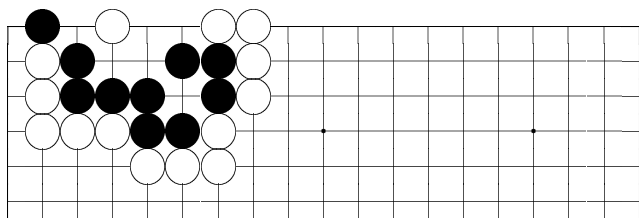
*problem 721*



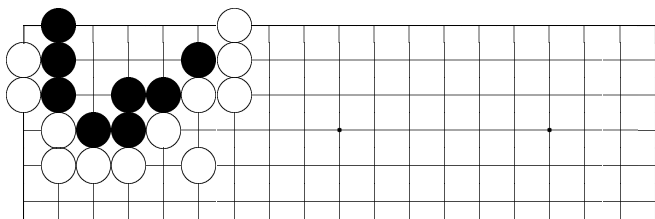
*problem 722*



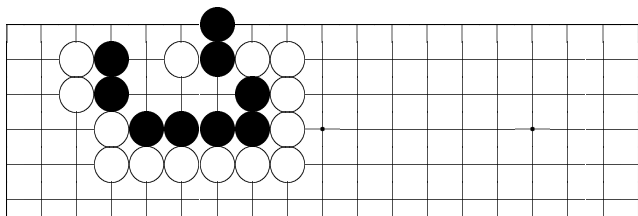
*problem 723*



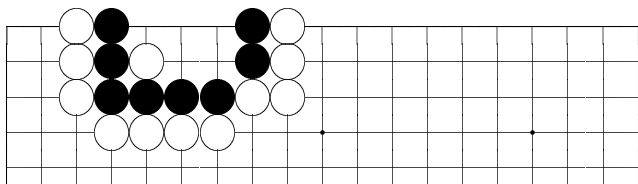
*problem 724*



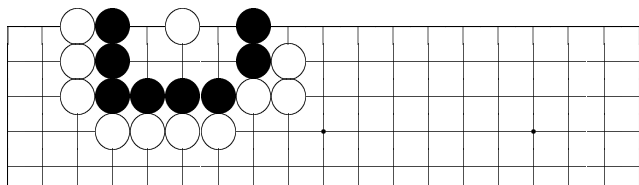
*problem 725*



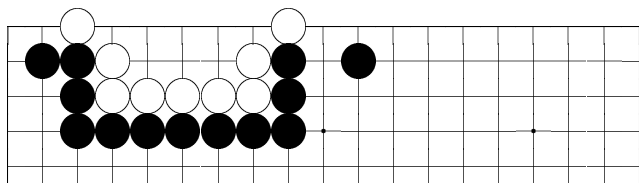
*problem 726*



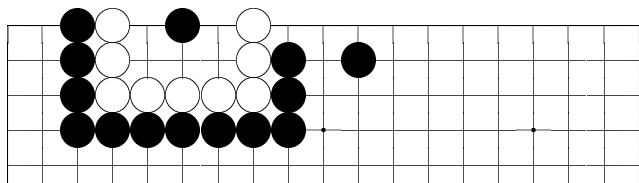
*problem 727*



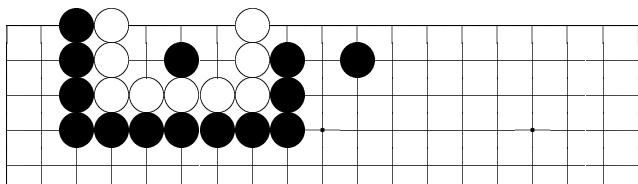
*problem 728*



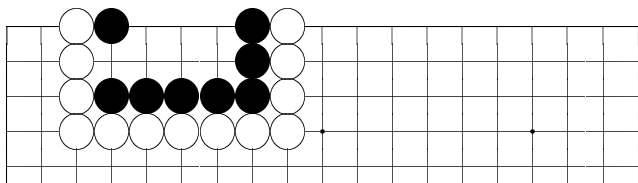
*problem 729*



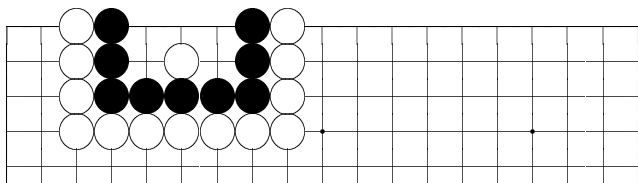
*problem 730*



*problem 731*

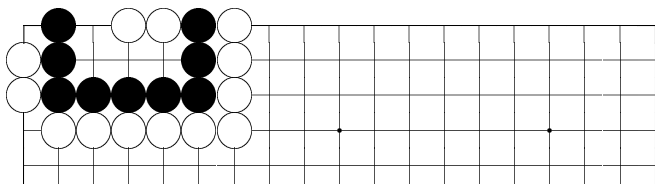


*problem 732*

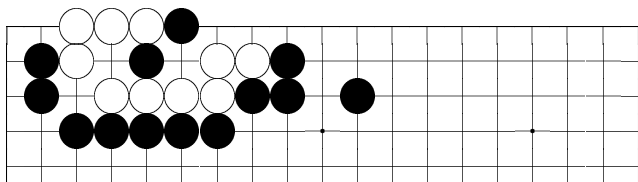


*problem 733*

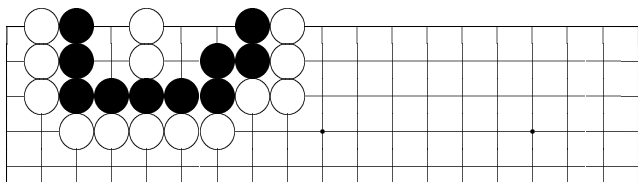




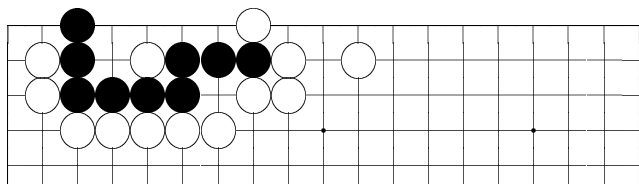
*problem 734*



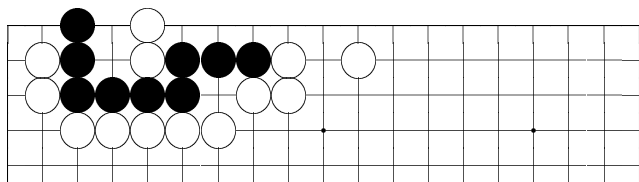
*problem 735*



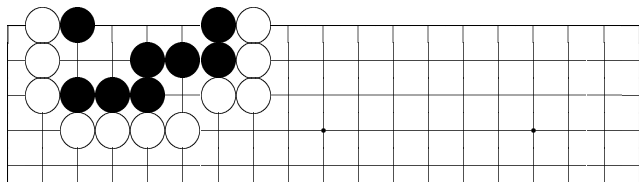
*problem 736*



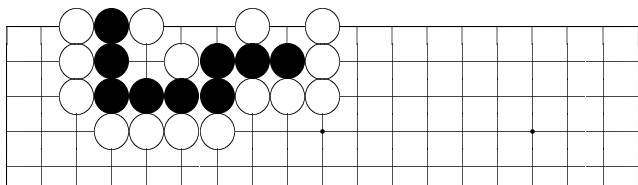
*problem 737*



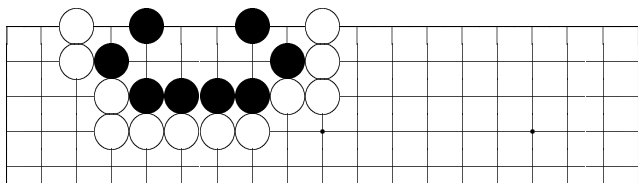
*problem 738*



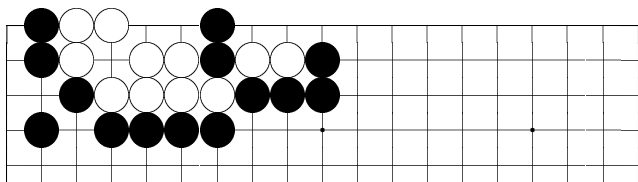
*problem 739*



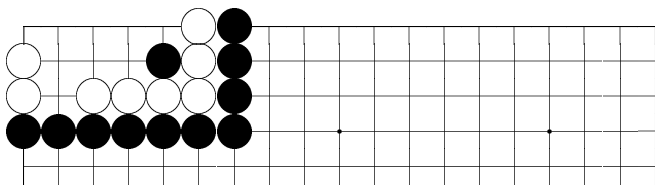
*problem 740*



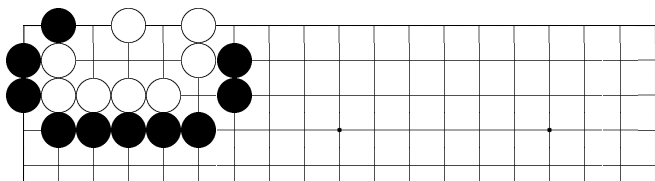
*problem 741*



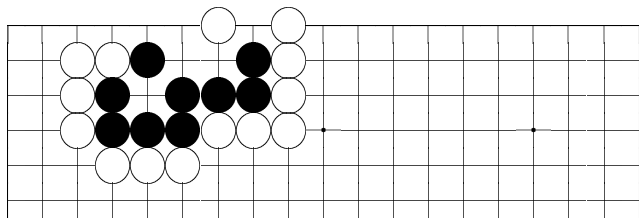
*problem 742*



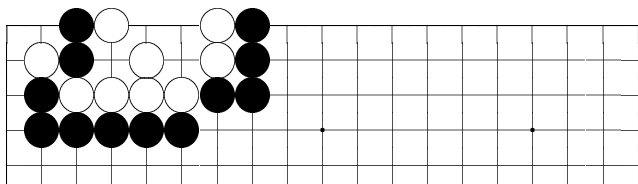
*problem 743*



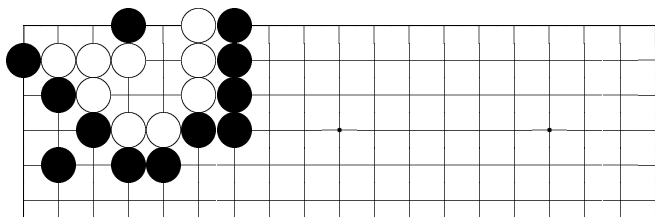
*problem 744*



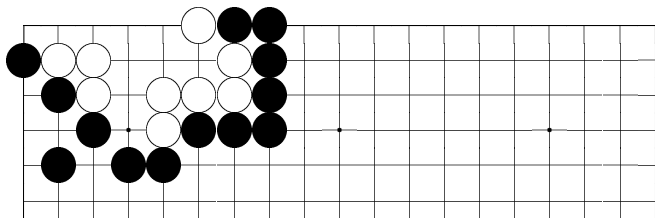
*problem 745*



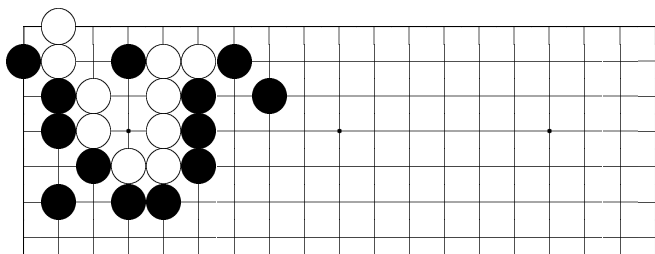
*problem 746*



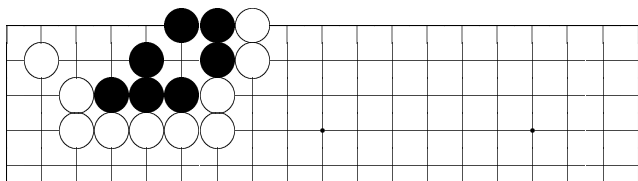
*problem 747*



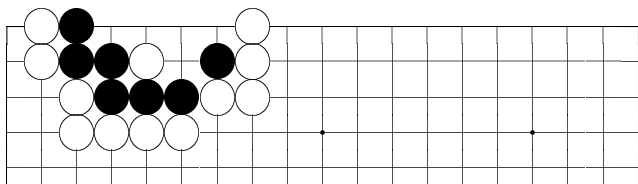
*problem 748*



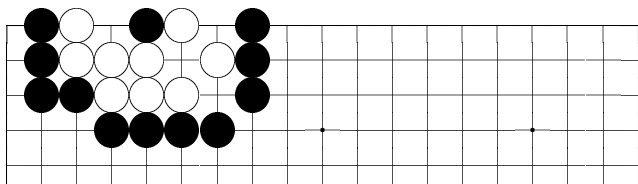
*problem 749*



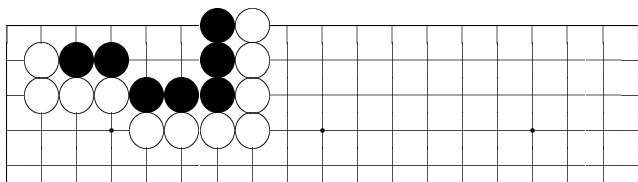
*problem 750*



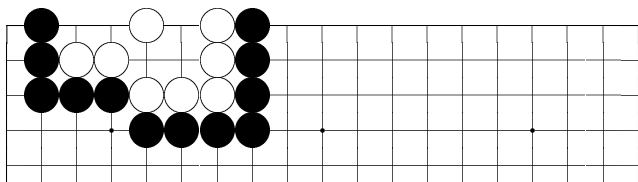
*problem 751*



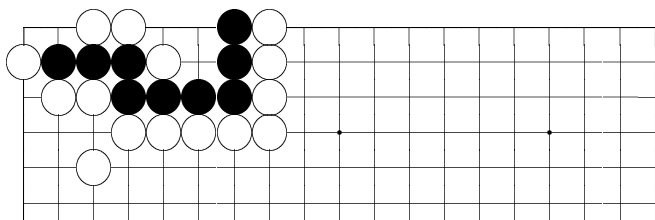
*problem 752*



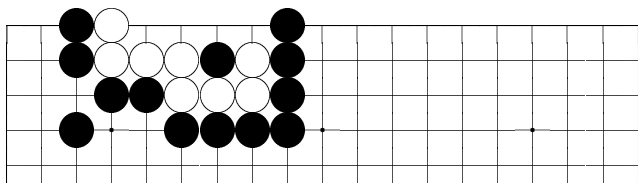
*problem 753*



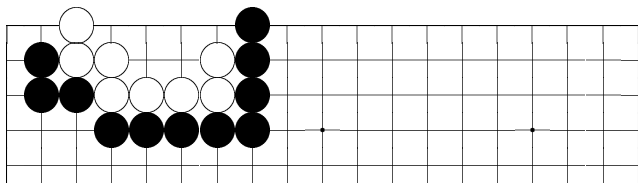
*problem 754*



*problem 755*

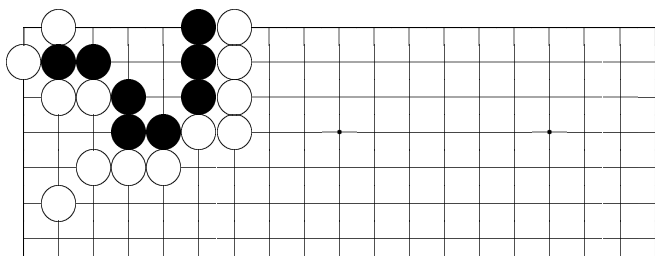


*problem 756*

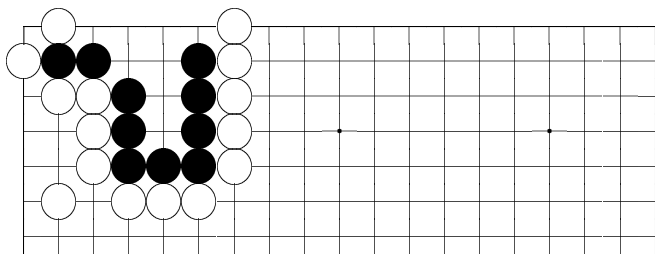


*problem 757*

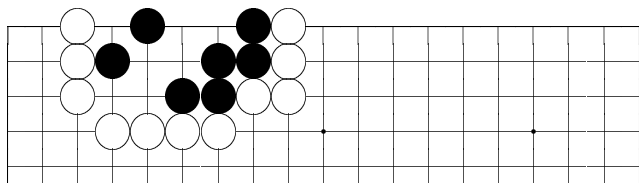




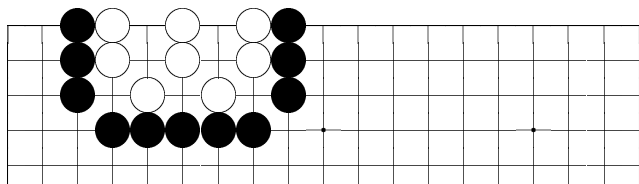
*problem 758*



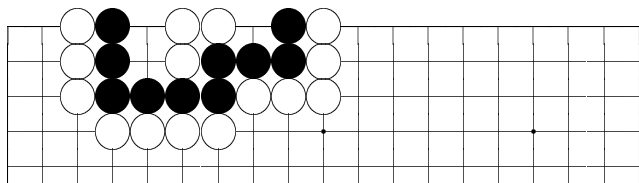
*problem 759*



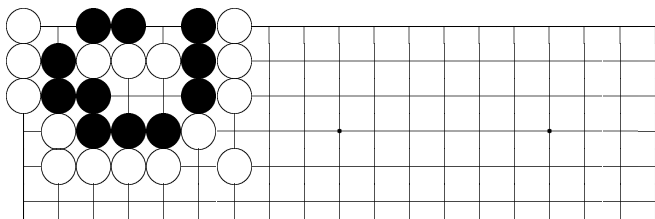
*problem 760*



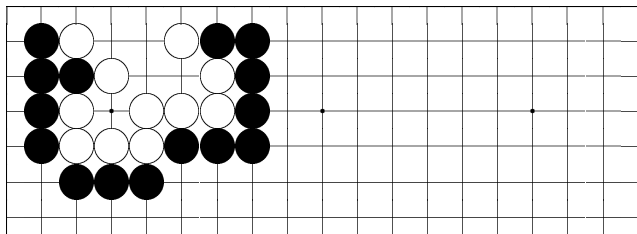
*problem 761*



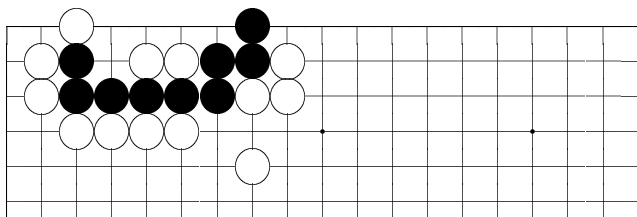
*problem 762*



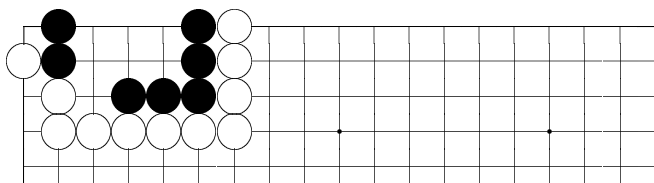
*problem 763*



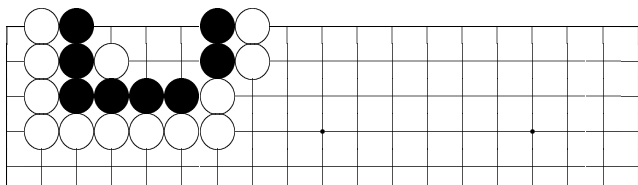
*problem 764*



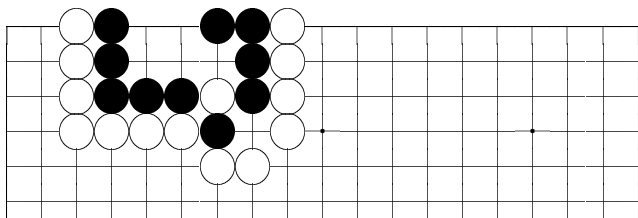
*problem 765*



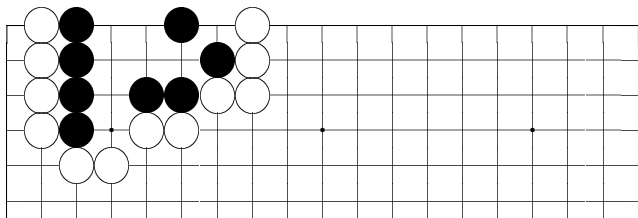
*problem 766*



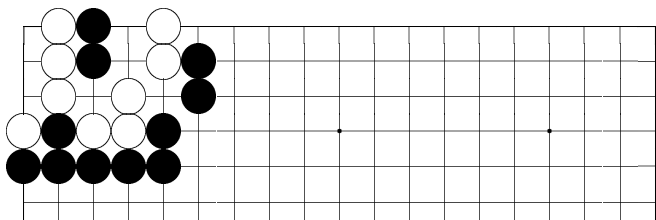
*problem 767*



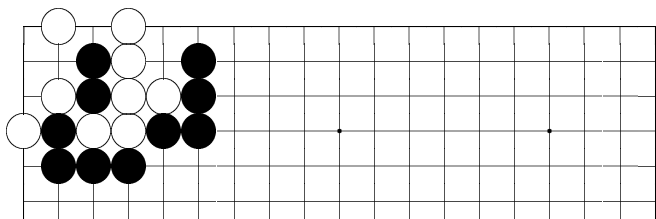
*problem 768*



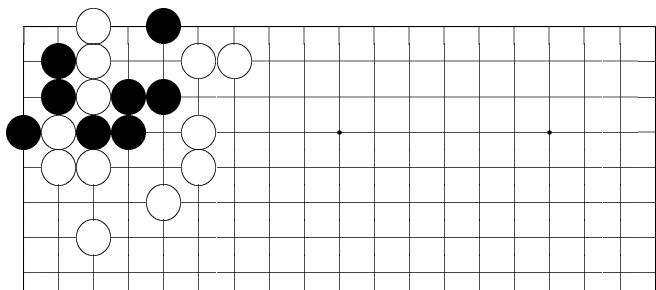
*problem 769*



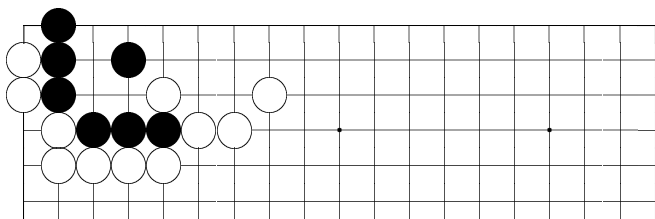
*problem 770*



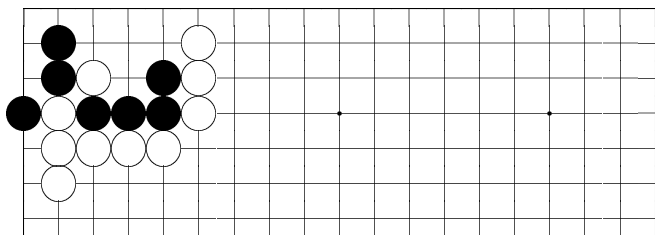
*problem 771*



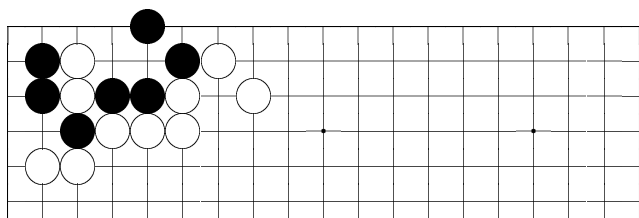
*problem 772*



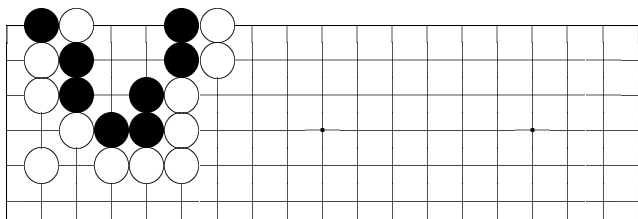
*problem 773*



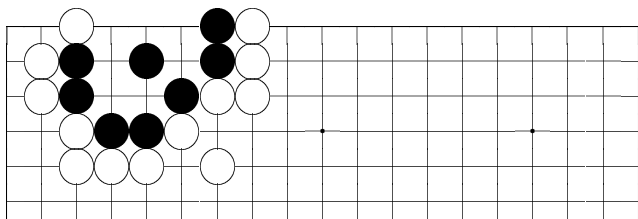
*problem 774*



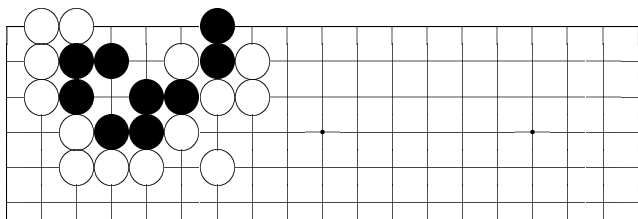
*problem 775*



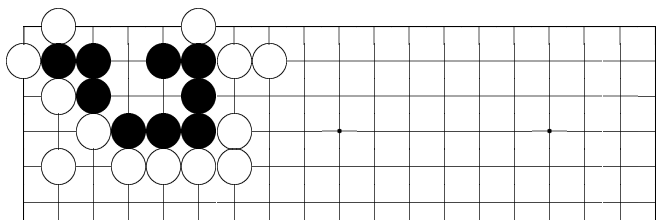
*problem 776*



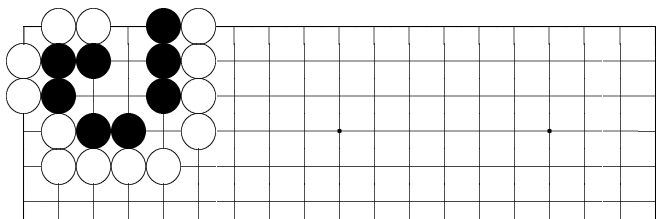
*problem 777*



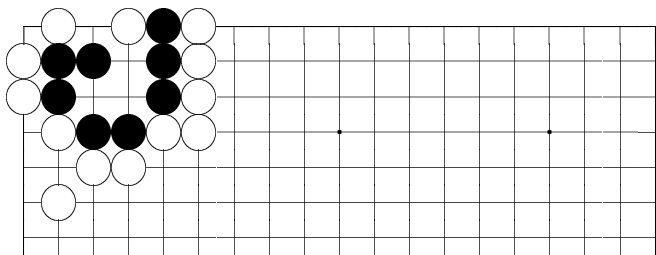
*problem 778*



*problem 779*

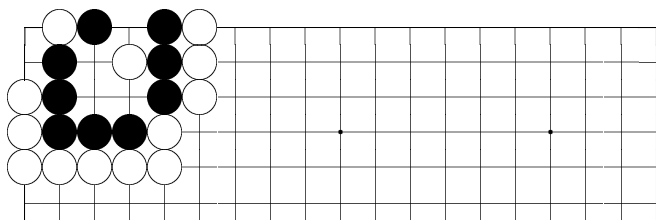


*problem 780*

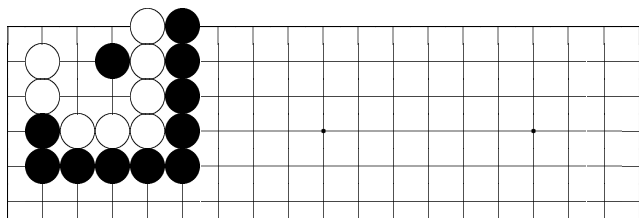


*problem 781*

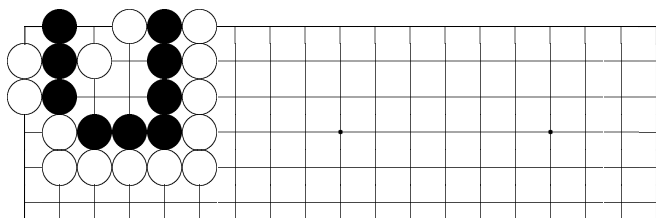




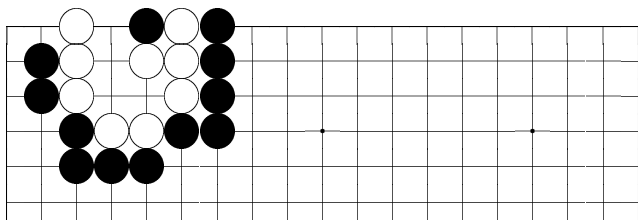
*problem 782*



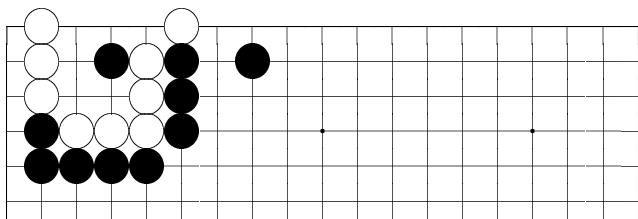
*problem 783*



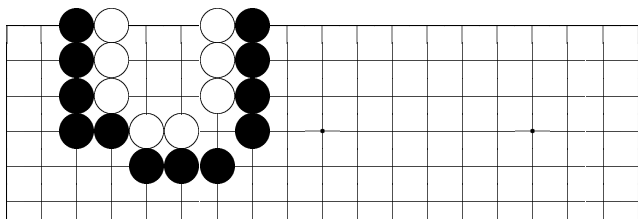
*problem 784*



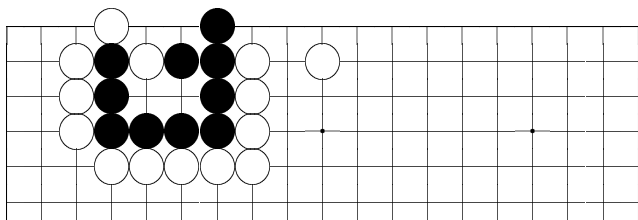
*problem 785*



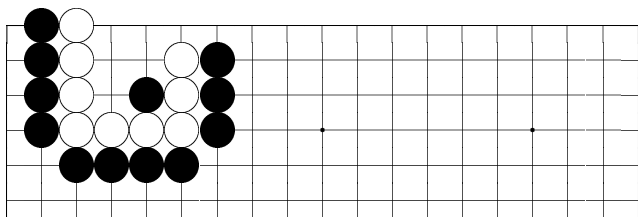
*problem 786*



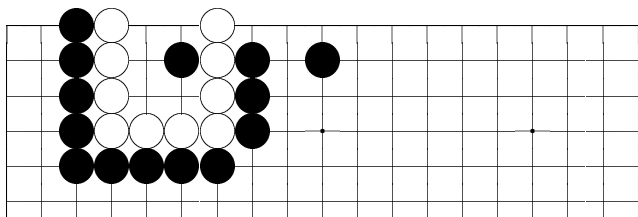
*problem 787*



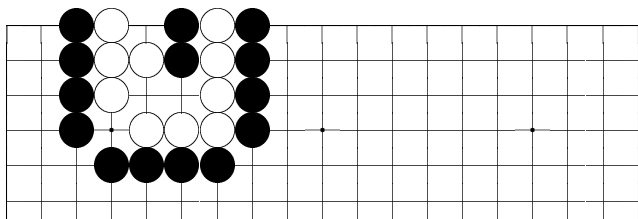
*problem 788*



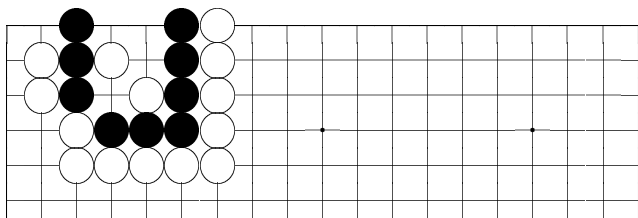
*problem 789*



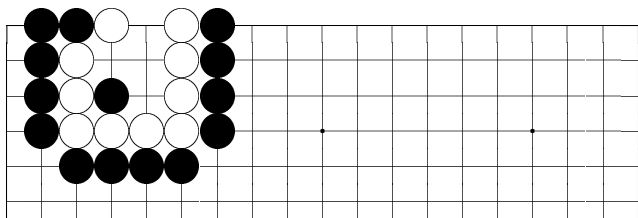
*problem 790*



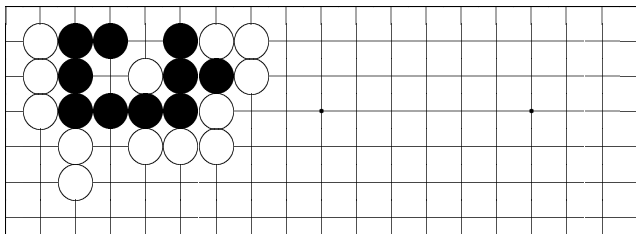
*problem 791*



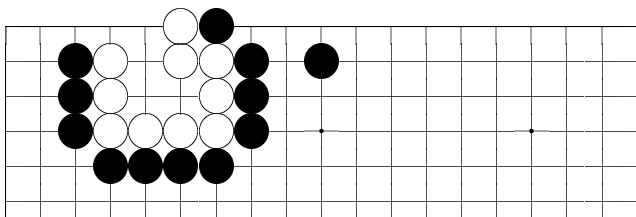
*problem 792*



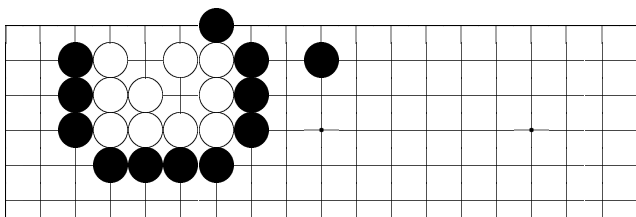
*problem 793*



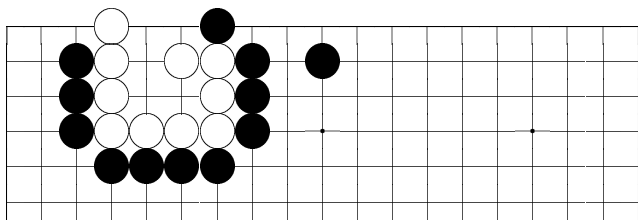
*problem 794*



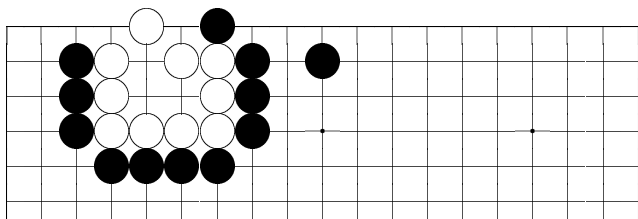
*problem 795*



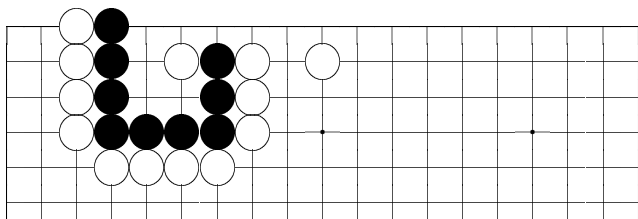
*problem 796*



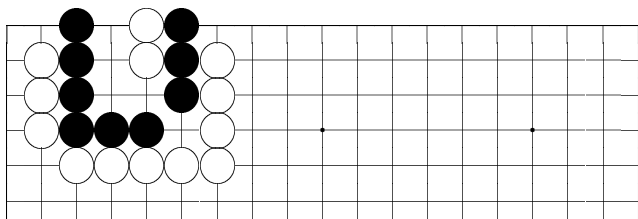
*problem 797*



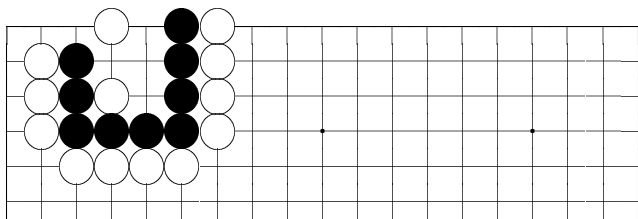
*problem 798*



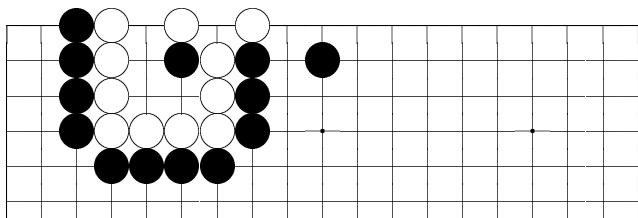
*problem 799*



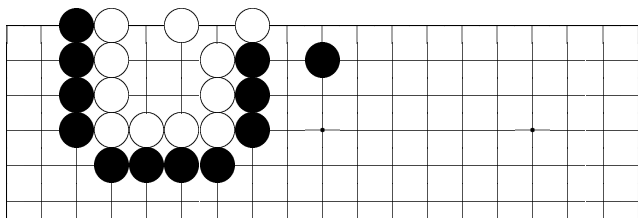
*problem 800*



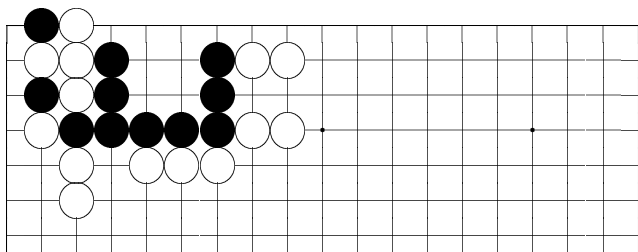
*problem 801*



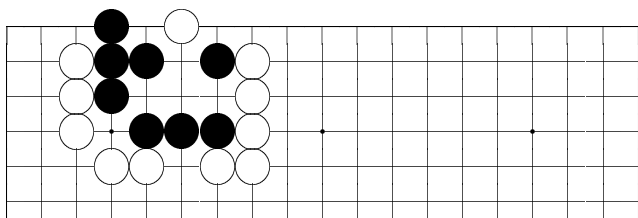
*problem 802*



*problem 803*

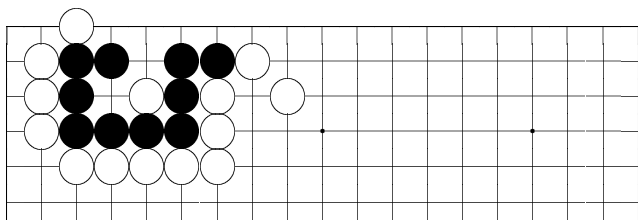


*problem 804*

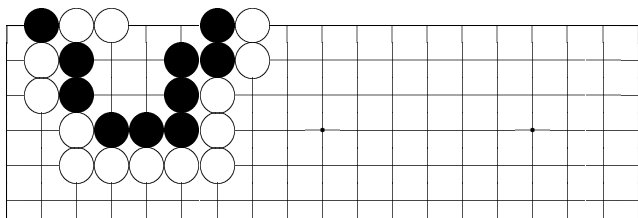


*problem 805*

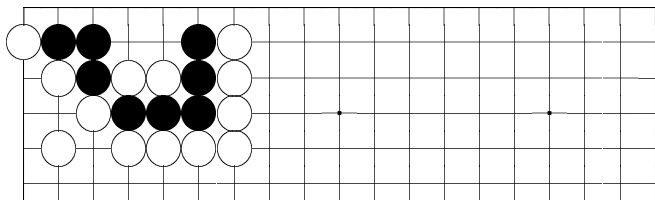




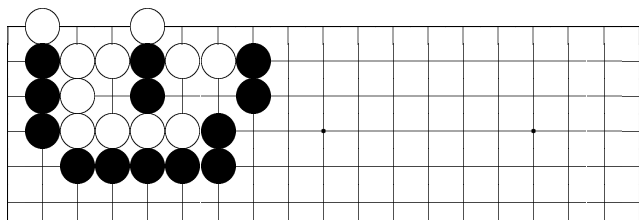
*problem 806*



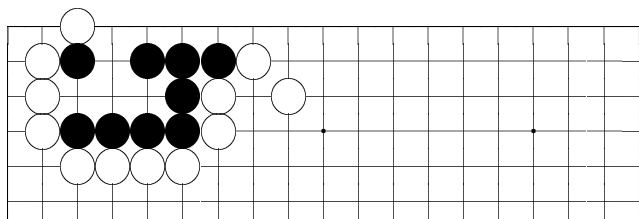
*problem 807*



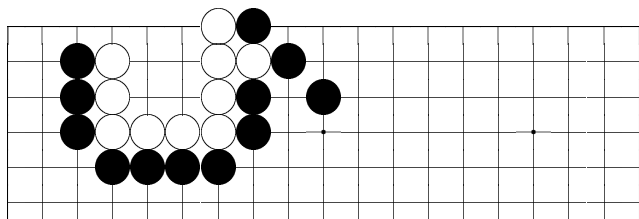
*problem 808*



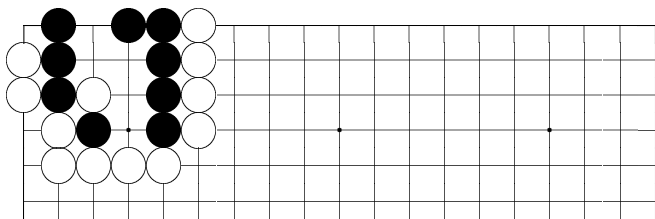
*problem 809*



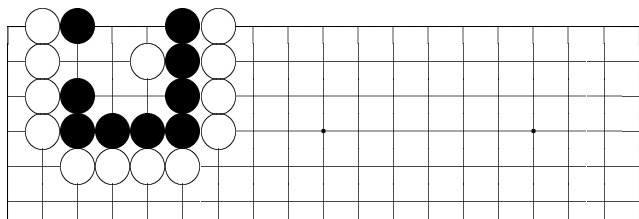
*problem 810*



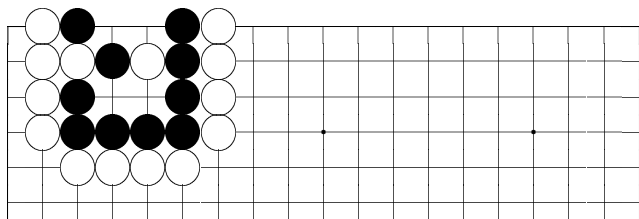
*problem 811*



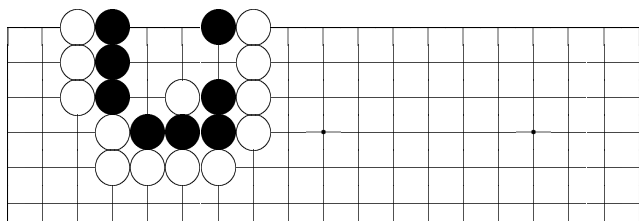
*problem 812*



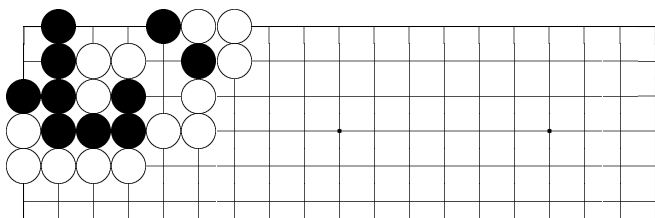
*problem 813*



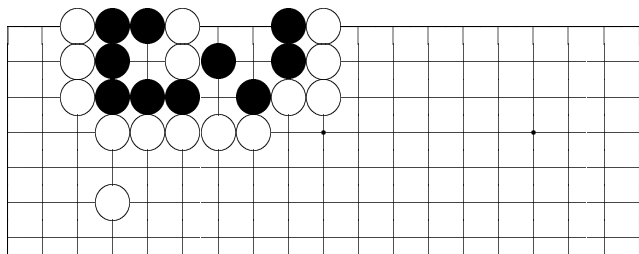
*problem 814*



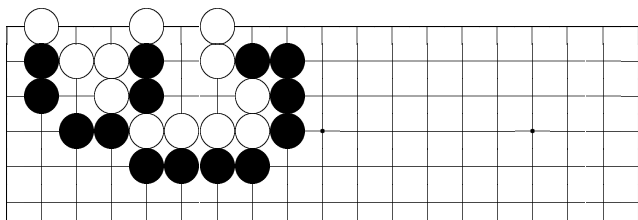
*problem 815*



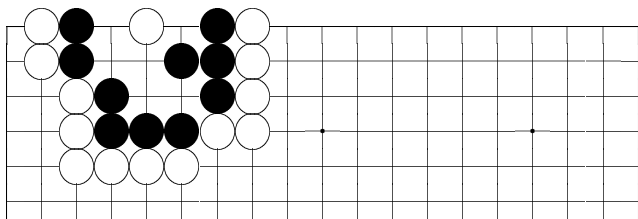
*problem 816*



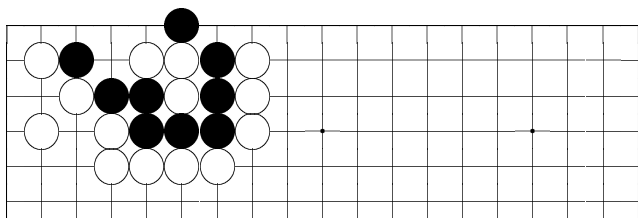
*problem 817*



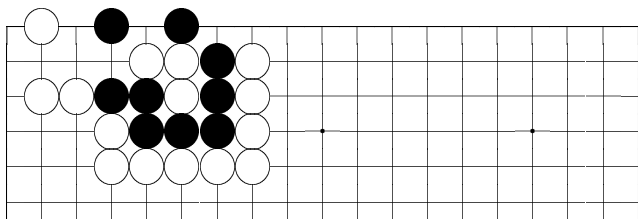
*problem 818*



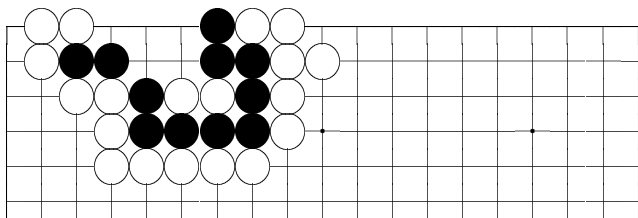
*problem 819*



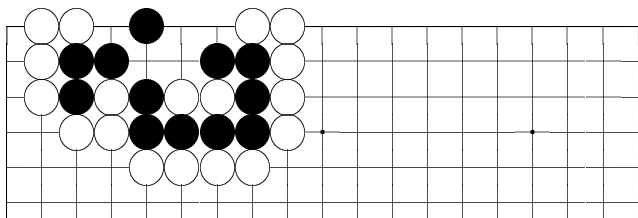
*problem 820*



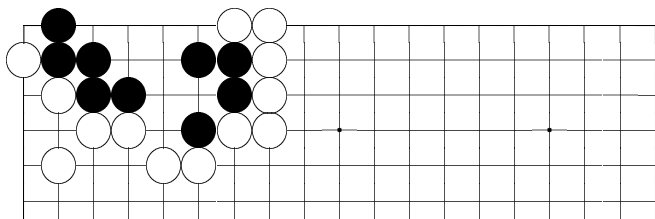
*problem 821*



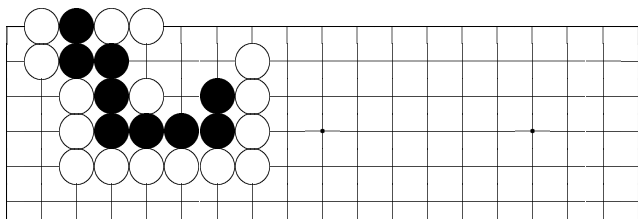
*problem 822*



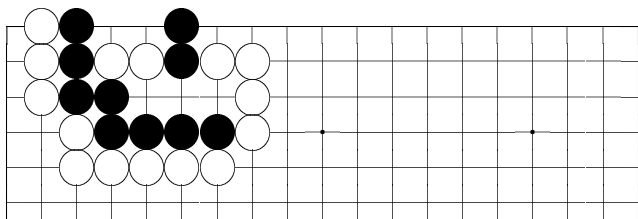
*problem 823*



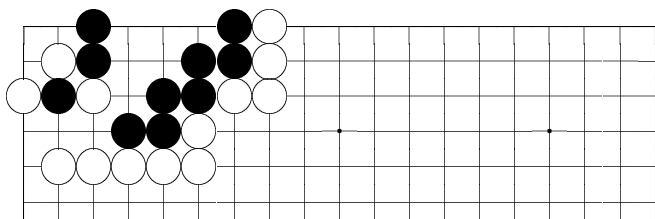
*problem 824*



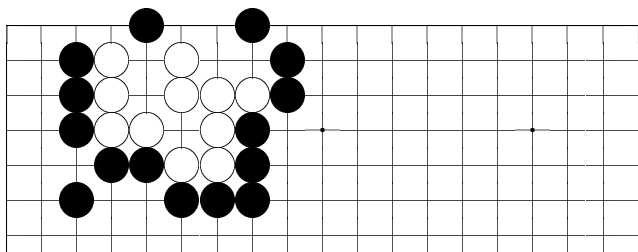
*problem 825*



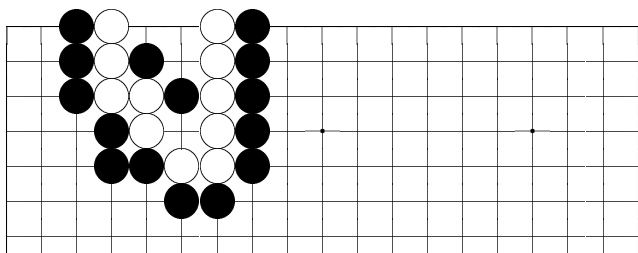
*problem 826*



*problem 827*

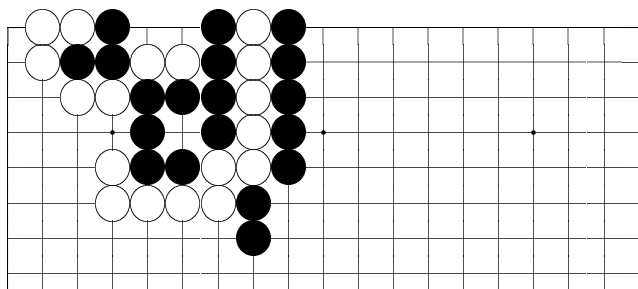


*problem 828*

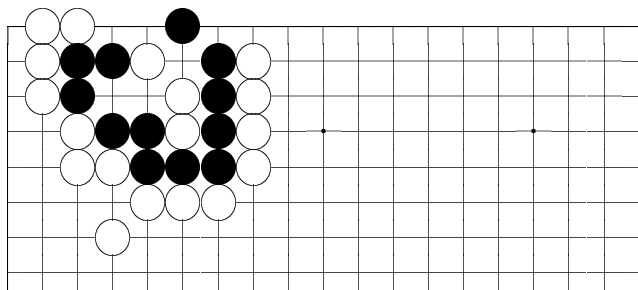


*problem 829*

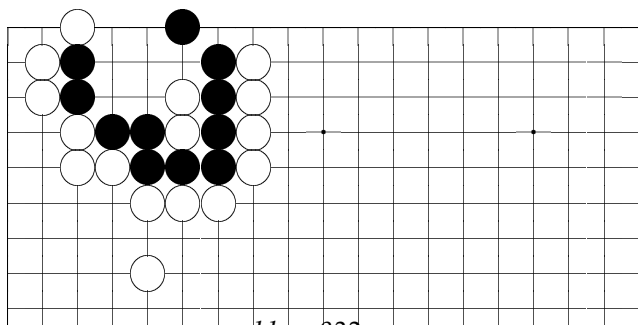




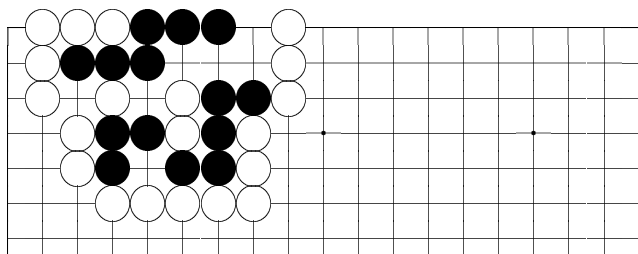
*problem 830*



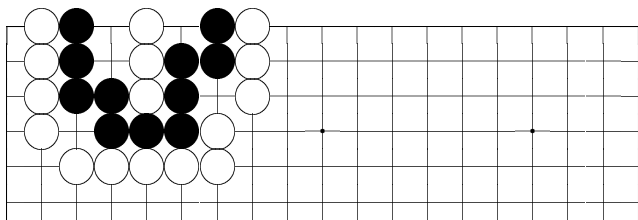
*problem 831*



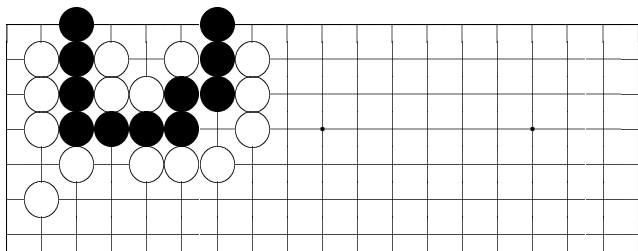
*problem 832*



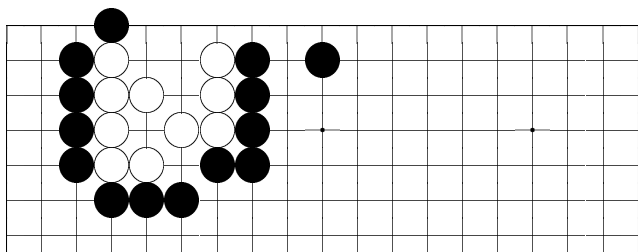
*problem 833*



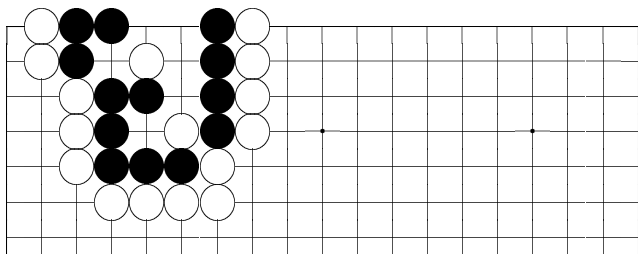
*problem 834*



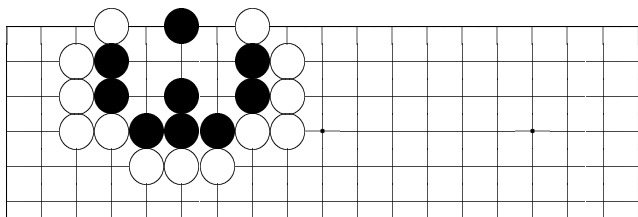
*problem 835*



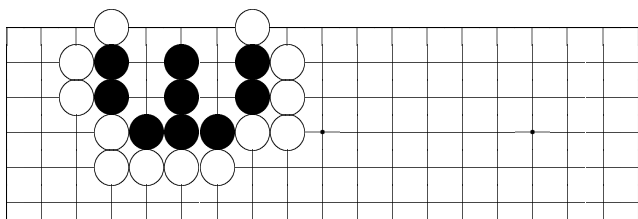
*problem 836*



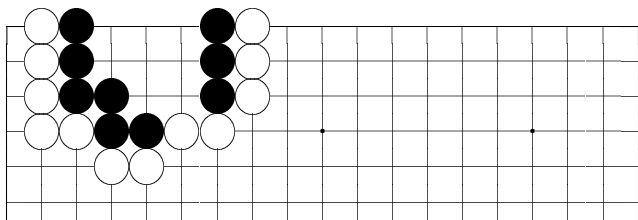
*problem 837*



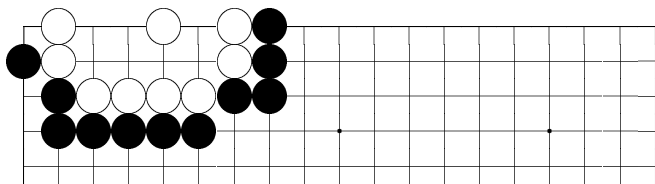
*problem 838*



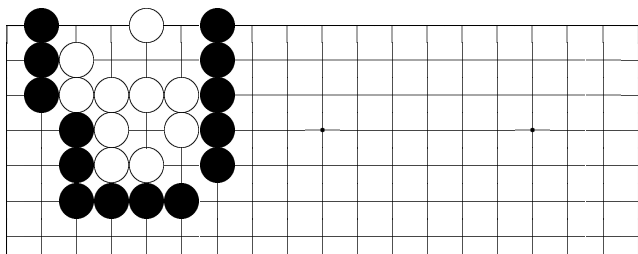
*problem 839*



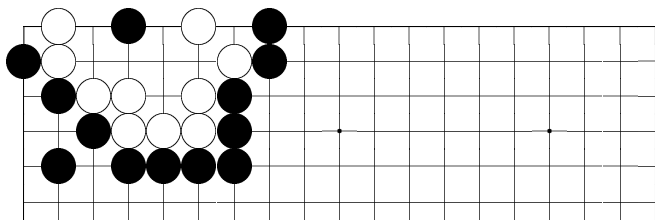
*problem 840*



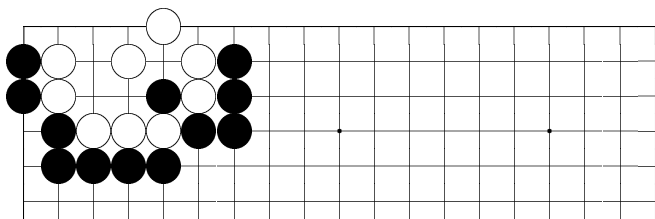
*problem 841*



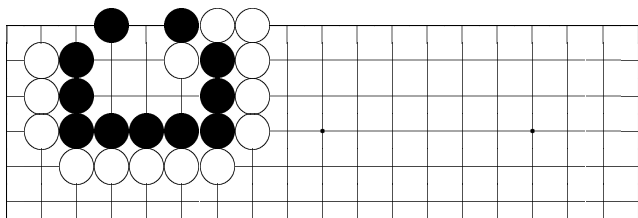
*problem 842*



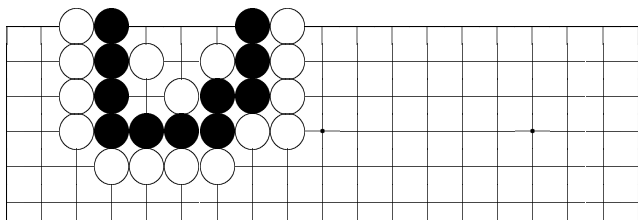
*problem 843*



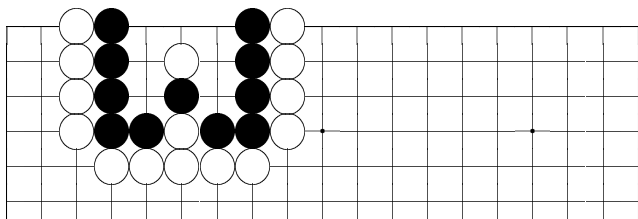
*problem 844*



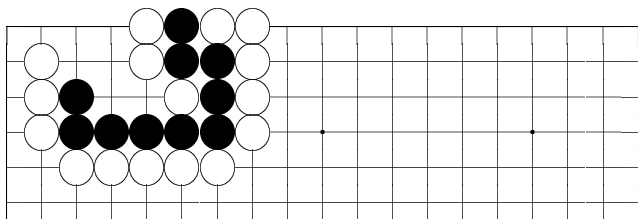
*problem 845*



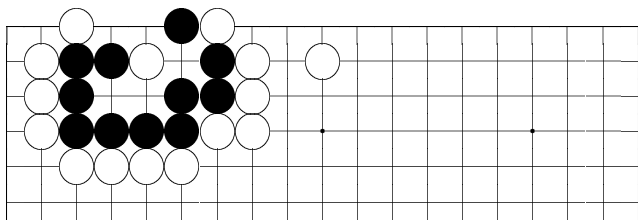
*problem 846*



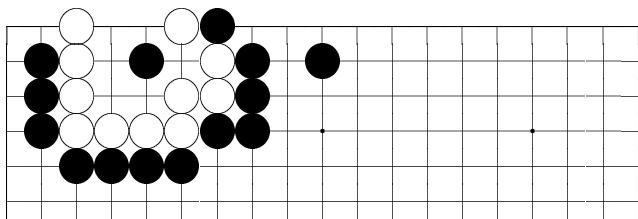
*problem 847*



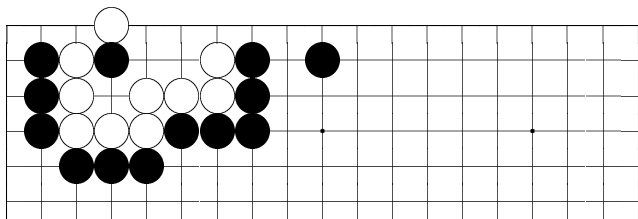
*problem 848*



*problem 849*

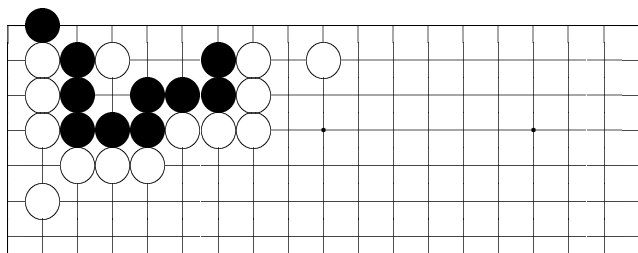


*problem 850*

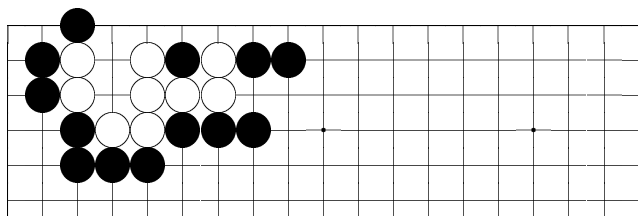


*problem 851*

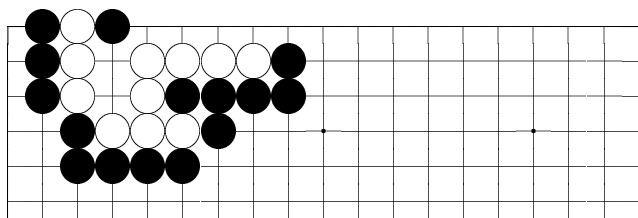




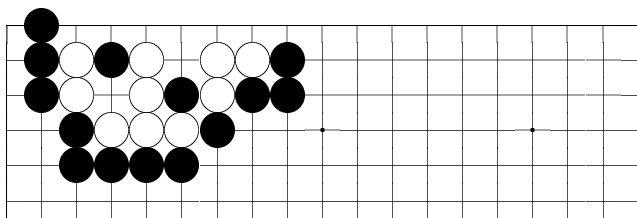
*problem 852*



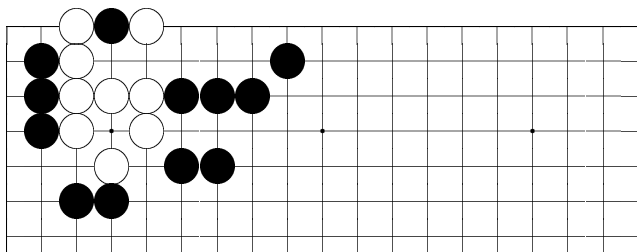
*problem 853*



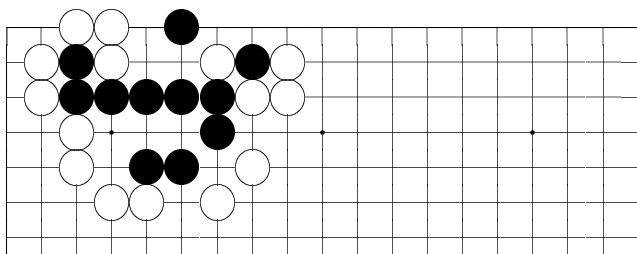
*problem 854*



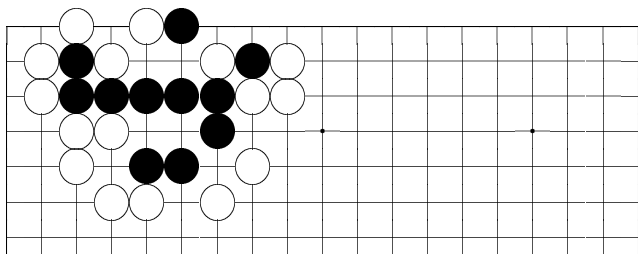
*problem 855*



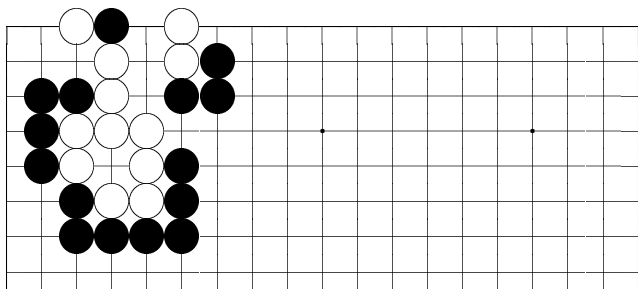
*problem 856*



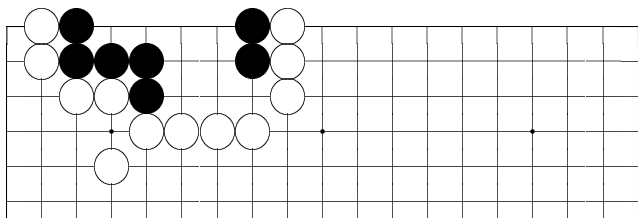
*problem 857*



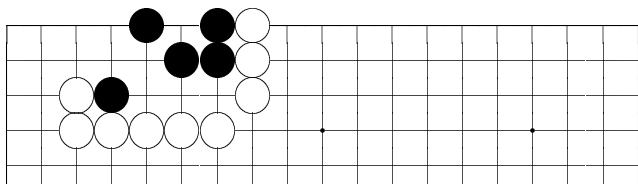
*problem 858*



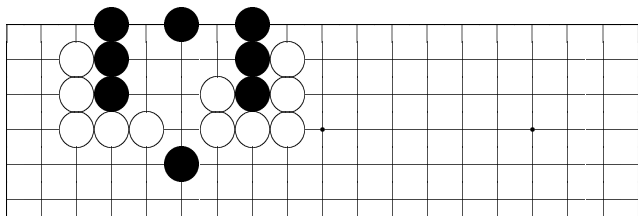
*problem 859*



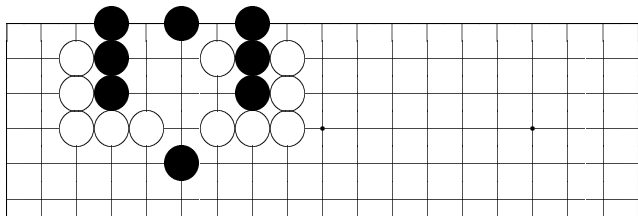
*problem 860*



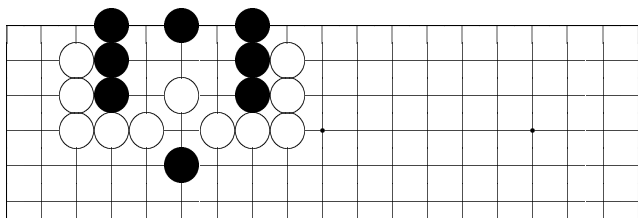
*problem 861*



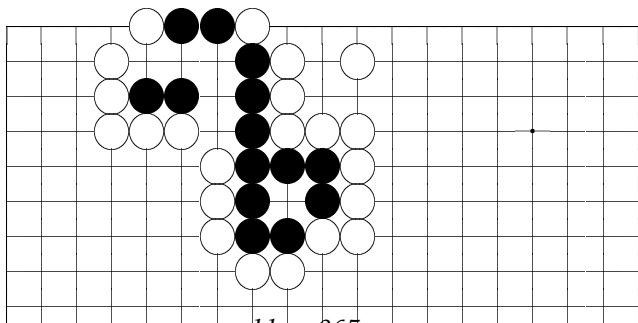
*problem 862*



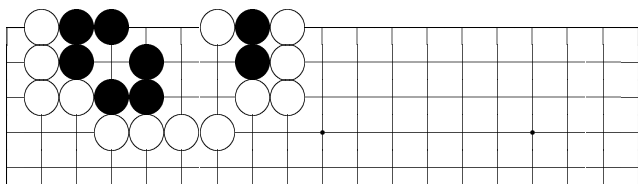
*problem 863*



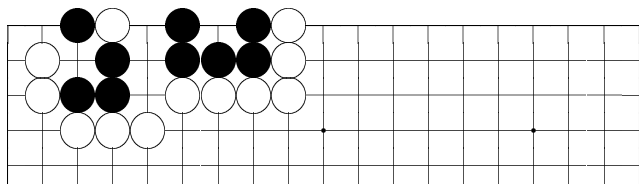
*problem 864*



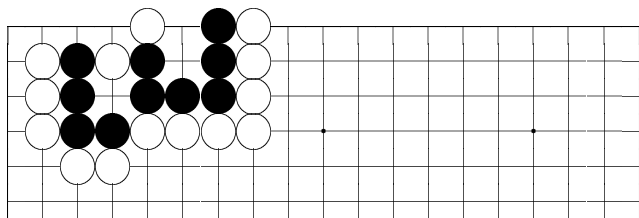
*problem 865*



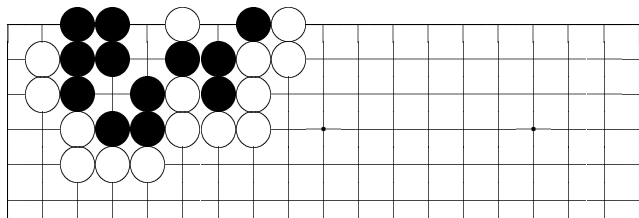
*problem 866*



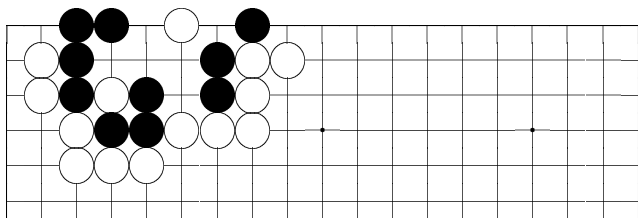
*problem 867*



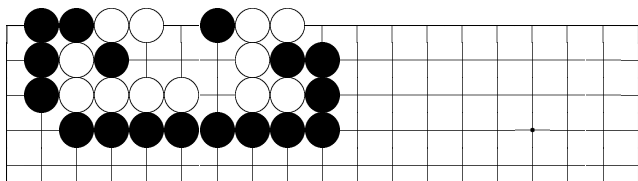
*problem 868*



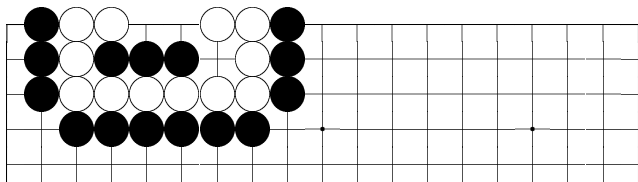
*problem 869*



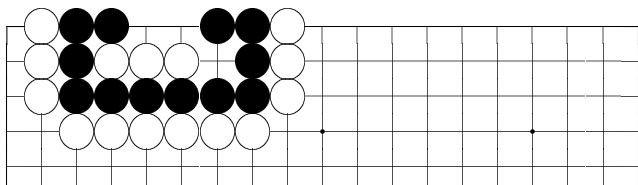
*problem 870*



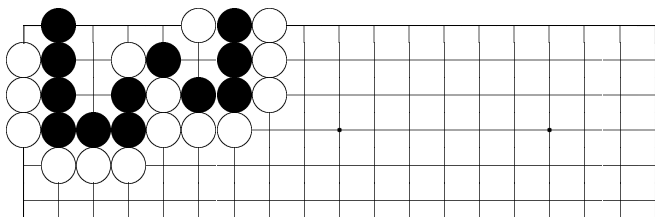
*problem 871*



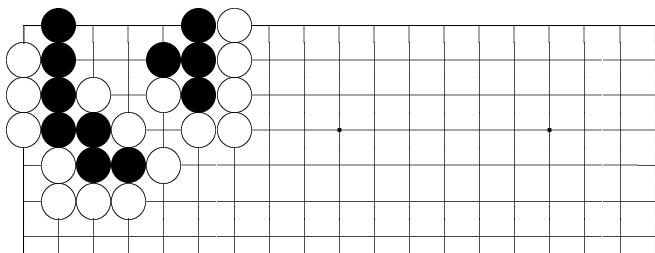
*problem 872*



*problem 873*

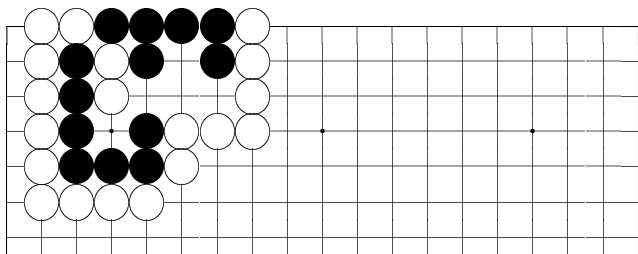


*problem 874*

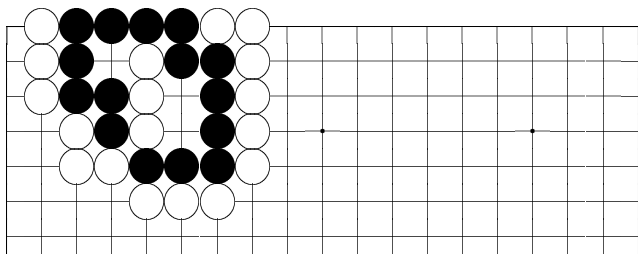


*problem 875*

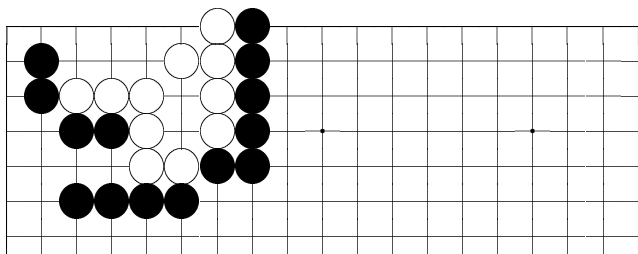




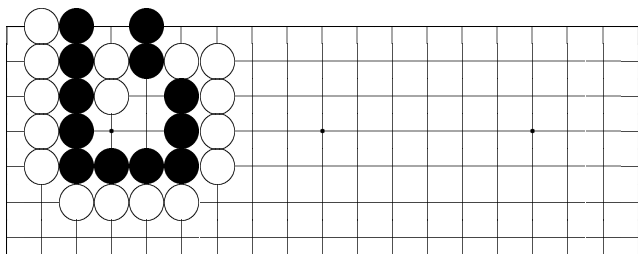
*problem 876*



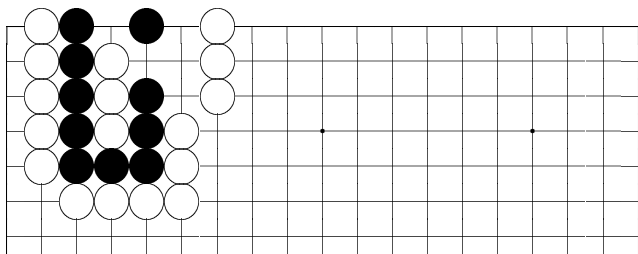
*problem 877*



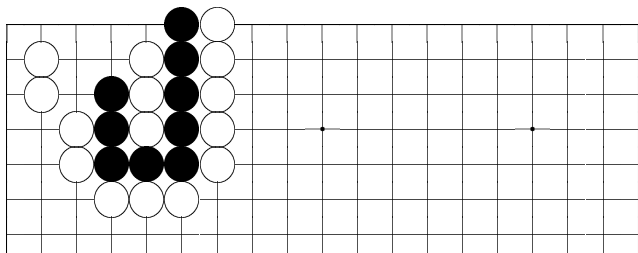
*problem 878*



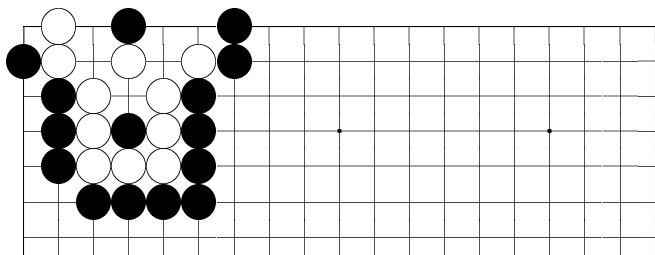
*problem 879*



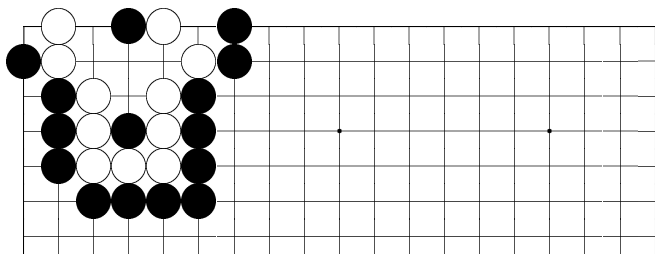
*problem 880*



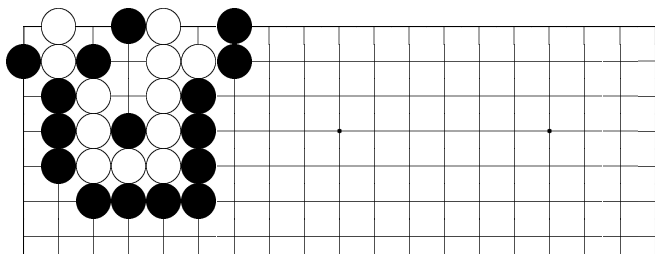
*problem 881*



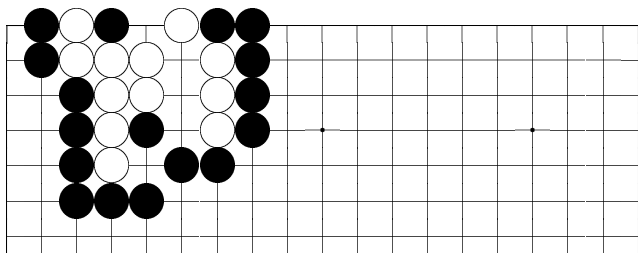
*problem 882*



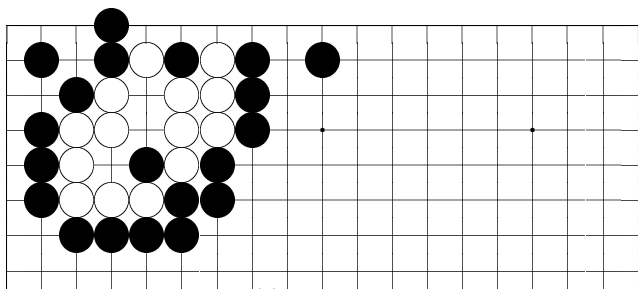
*problem 883*



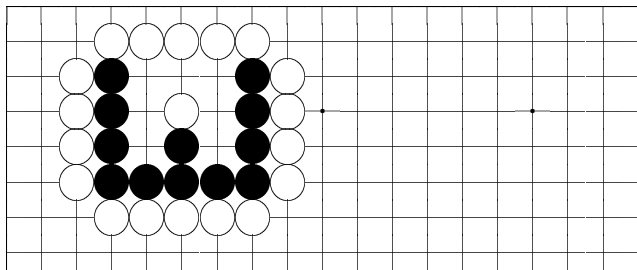
*problem 884*



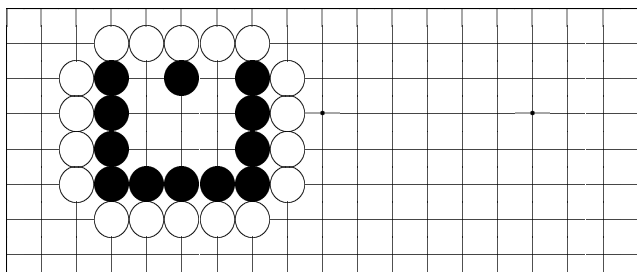
*problem 885*



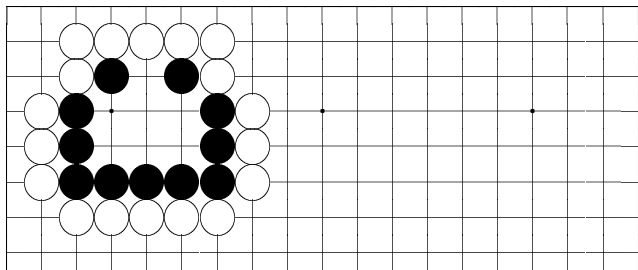
*problem 886*



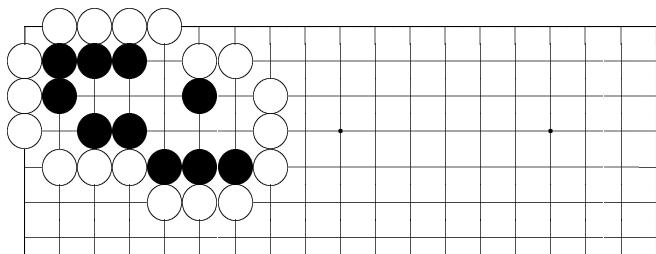
*problem 887*



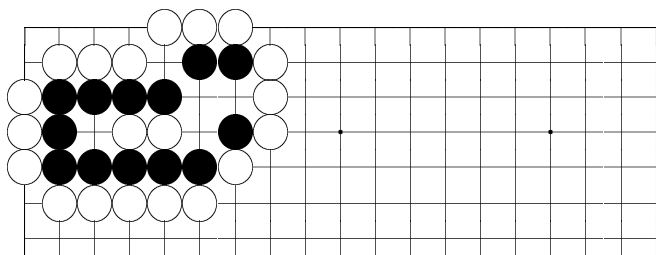
*problem 888*



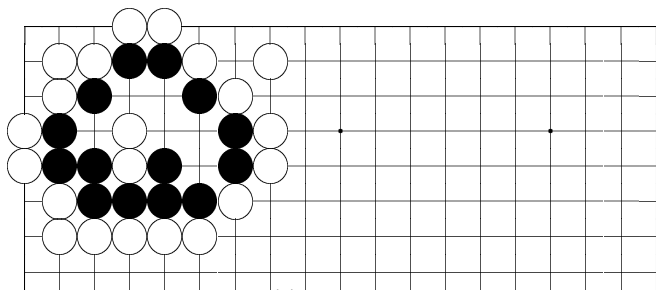
*problem 889*



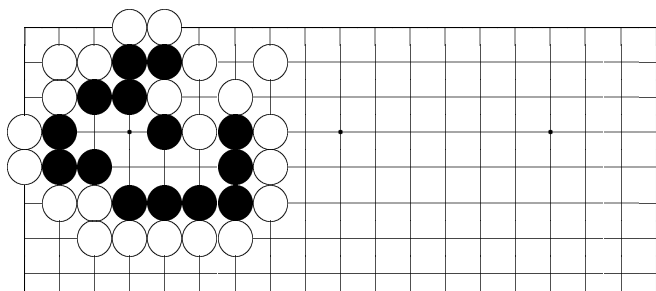
*problem 890*



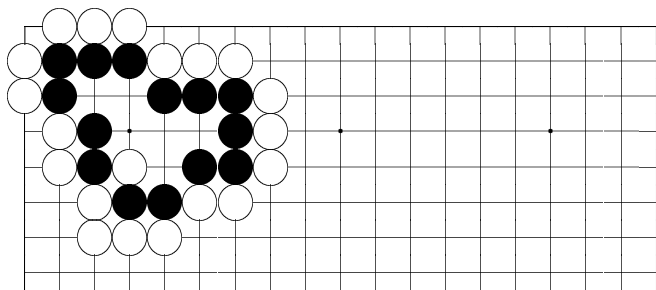
*problem 891*



*problem 892*

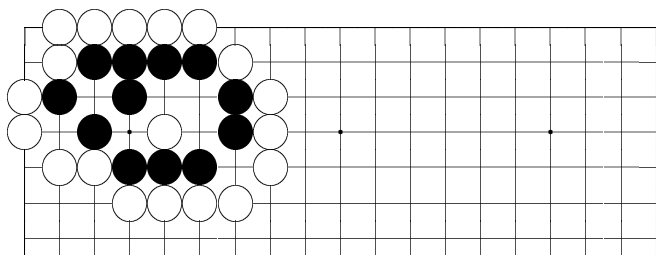


*problem 893*

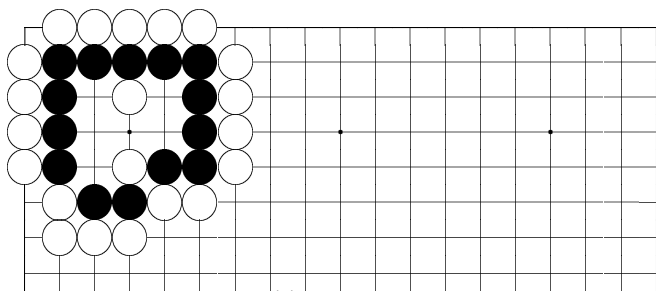


*problem 894*

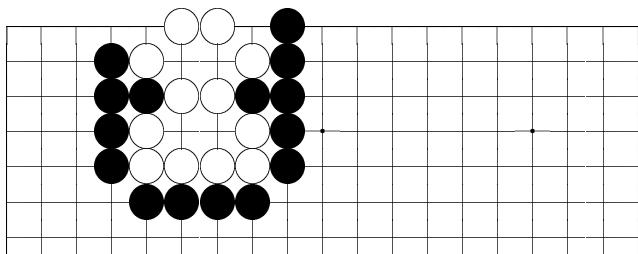




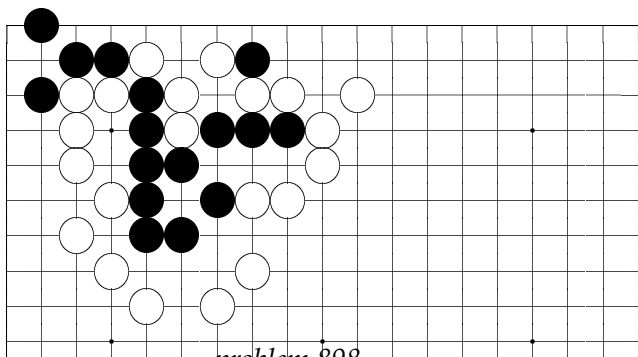
*problem 895*



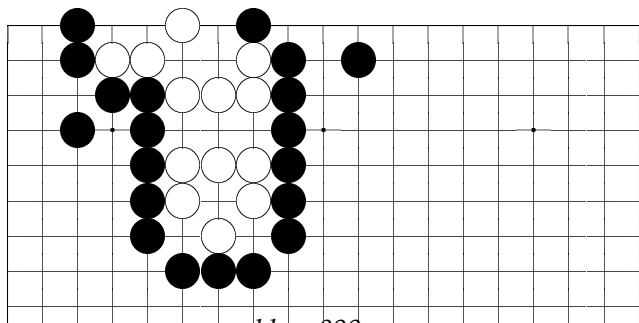
*problem 896*



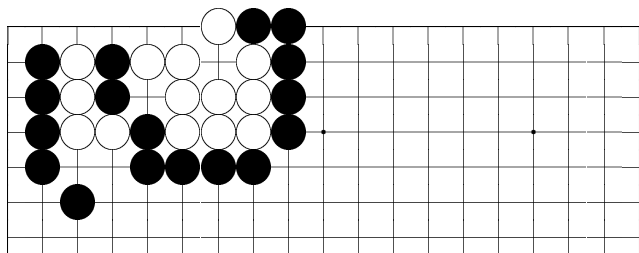
*problem 897*



*problem 898*



*problem 899*



*problem 900*