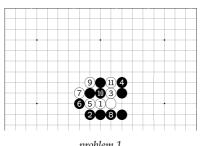
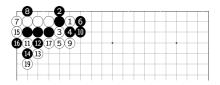
## gengen gokyo

(solutions)

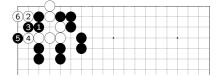


problem 1

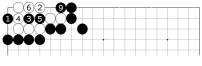


problem 2



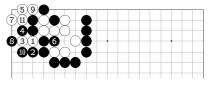


problem 3

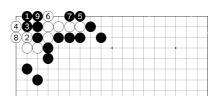


problem 4

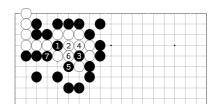
7 at 5, 8 at 3



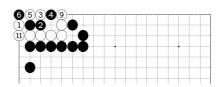
problem 5



problem 6

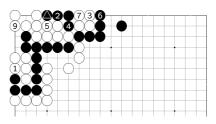


problem 7



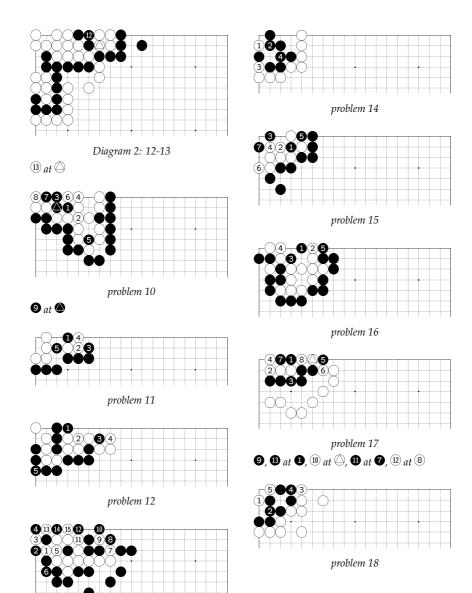
problem 8

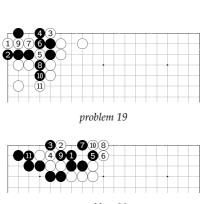


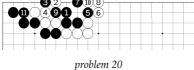


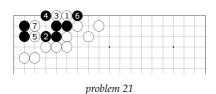
problem 9

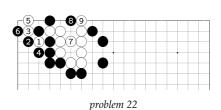
8 at 2, 0 at 4, 11 at 4

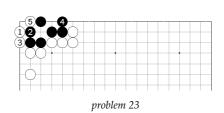


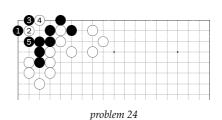


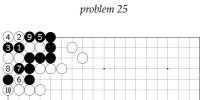


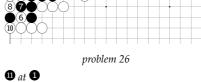


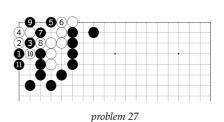


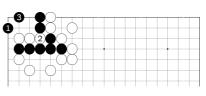




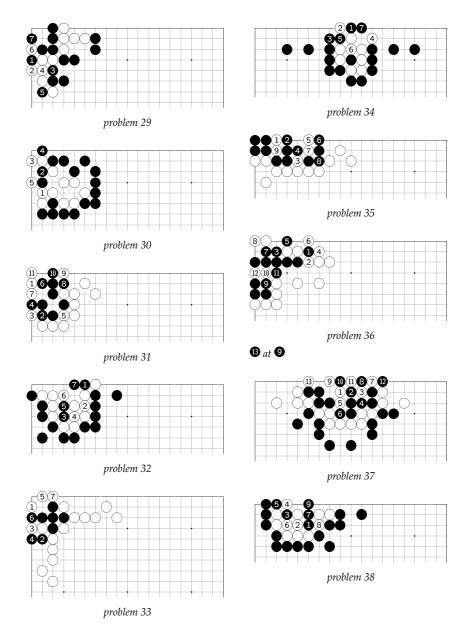


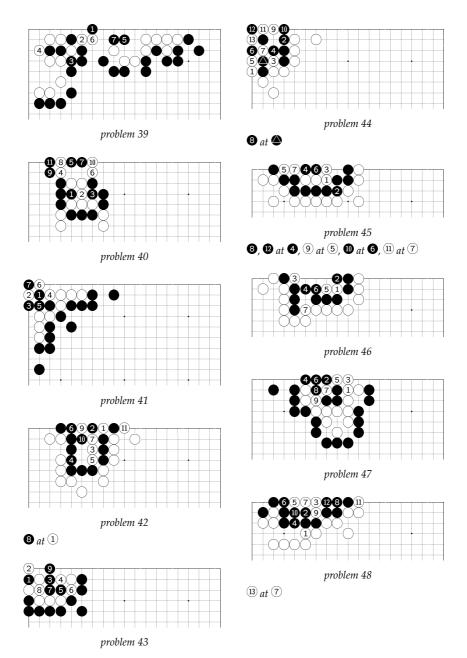


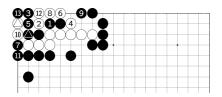




problem 28

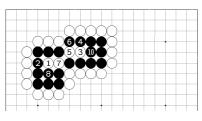






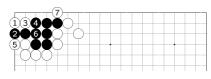
problem 49



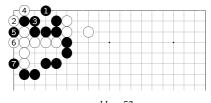


problem 50

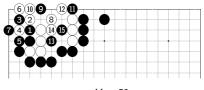
9 at 7, 11 at 5



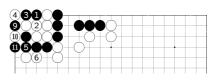
problem 51



problem 52

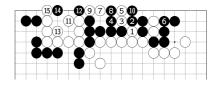


problem 53

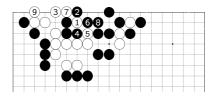


problem 54

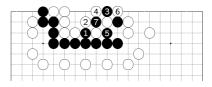
7 at 3, 8 at 1



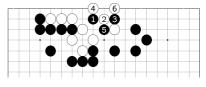
problem 55



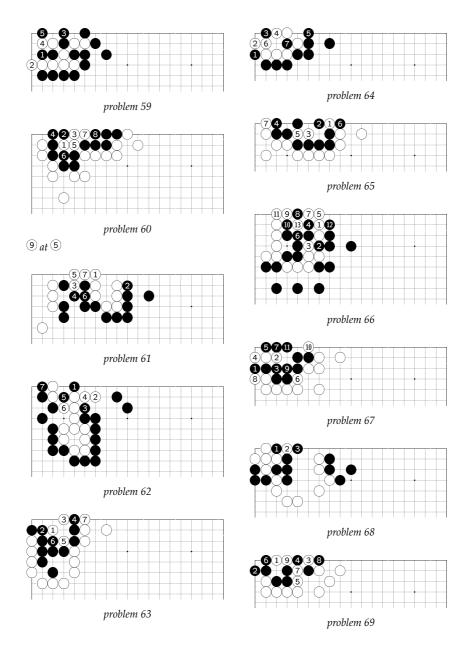
problem 56

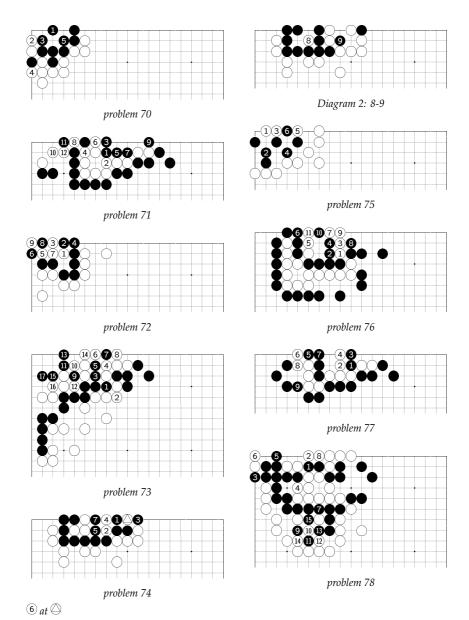


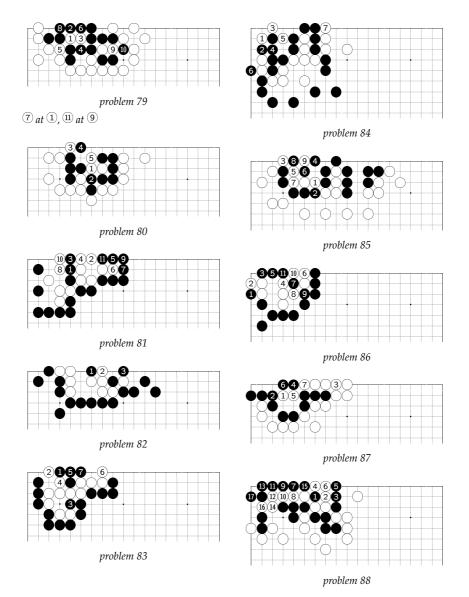
problem 57

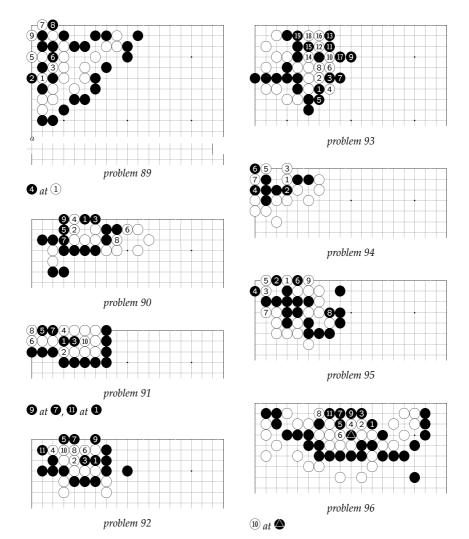


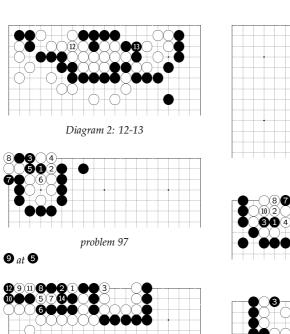
problem 58





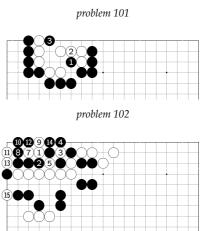






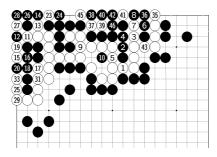
problem 99

4 at 1, 13 at 11, 15 at 5



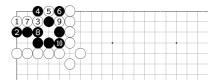
problem 103

**6** at 3



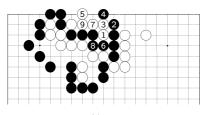
problem 104



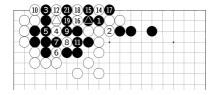


problem 105

11) at (5)

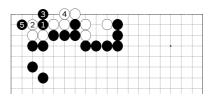


problem 106

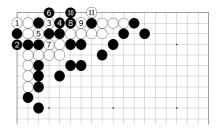


problem 107

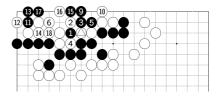
**13** at ⊗, 20 at 14, 22 at △, **23** at ▲



problem 108



problem 109



problem 110

7 at 1, 8 at 🗅

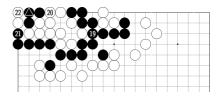
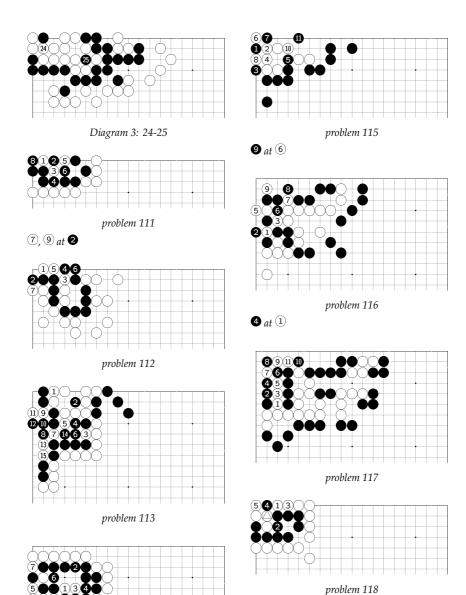


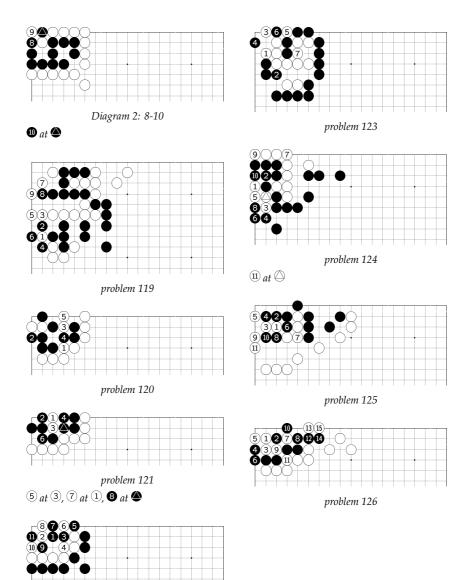
Diagram 2: 19-23

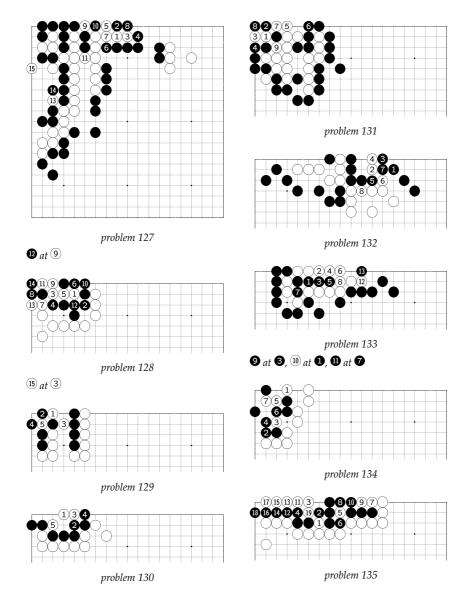
**②** at **△** 

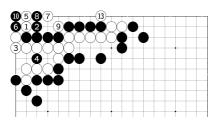


**6** at **4**, 7 at  $\bigcirc$ 

problem 114

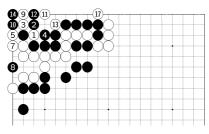






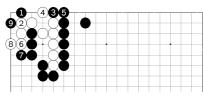
problem 136

11) at 11), 12 at 5

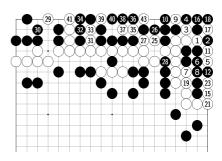


problem 137

**6** at 1), 15 at 3, **6** at 9

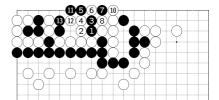


problem 138



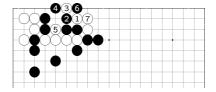
problem 139

(13), (24) at (11), (14) at (5), (24) at (9), (24) at (17), (24) at (39)

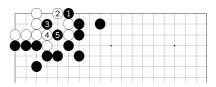


problem 140

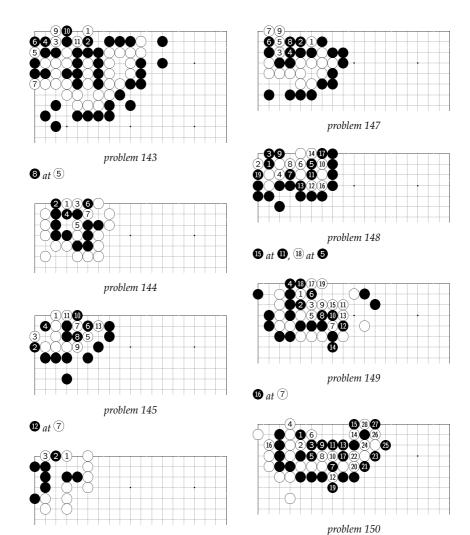
**9** *at* 6



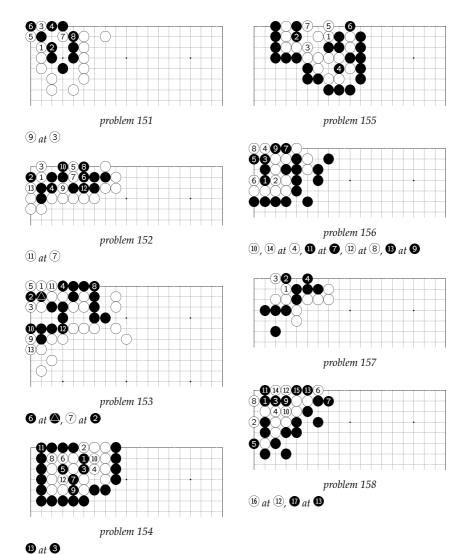
problem 141

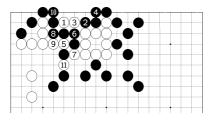


problem 142

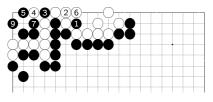


18 at **7** 



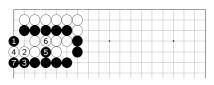


problem 159

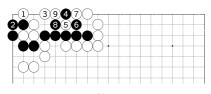


problem 160

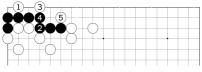
8 at **3** 



problem 161



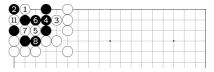
problem 162



problem 163

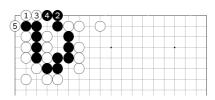


problem 164

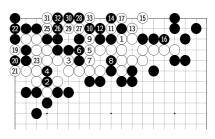


problem 165

9 at 7, **10** at 5

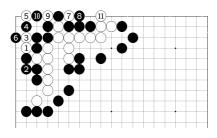


problem 166

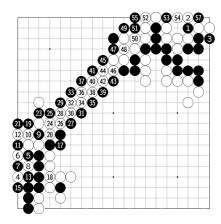


problem 167

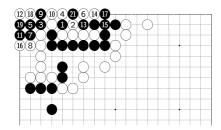
**18** at 11), 22 at 19



problem 168

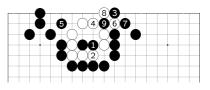


problem 169
(4) at **7**, (6) at **11**, (2) at **9**, (5) at **33** 

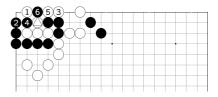


problem 170



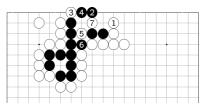


problem 171

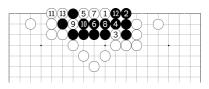


problem 172

7 at (

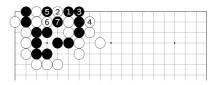


problem 173

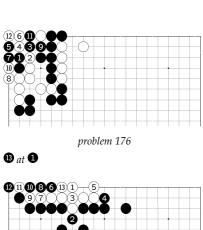


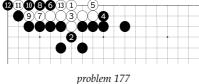
problem 174

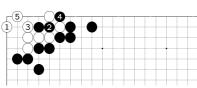
14 at 7, 15 at 9



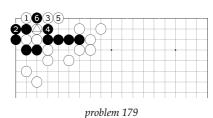
problem 175



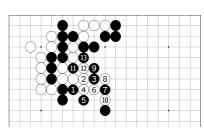




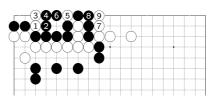




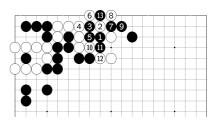
7 at 🔘



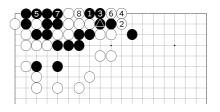
problem 180



problem 181

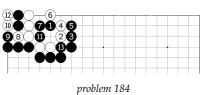


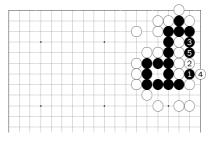
problem 182



problem 183

**9** at **4** 





problem 185

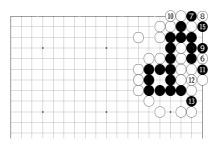
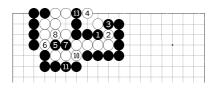


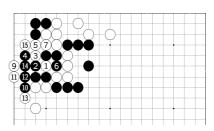
Diagram 2: 6-17

(14) at (6), (16) at **77**, **17** at **11** 



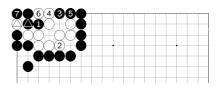
problem 186

**9** at **7**, 12 at **5** 



problem 187

 $oldsymbol{8}$  at  $oldsymbol{1}$ 



problem 188

® at ∅, **9** at **△** 

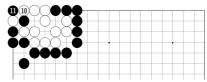
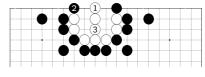
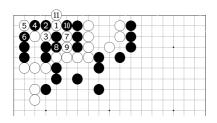


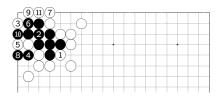
Diagram 2: 10-11



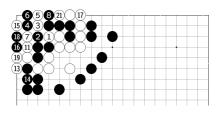
problem 189



problem 190

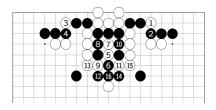


problem 191



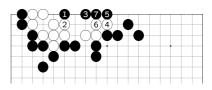
problem 192

(9), (19) at (3), (10) at (15), (20) at (18)

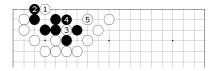


problem 193

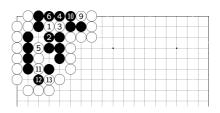
17 at (5)



problem 194

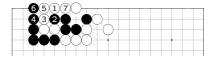


problem 195

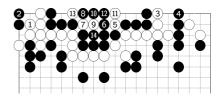


problem 196

7 at 3, 8 at 1

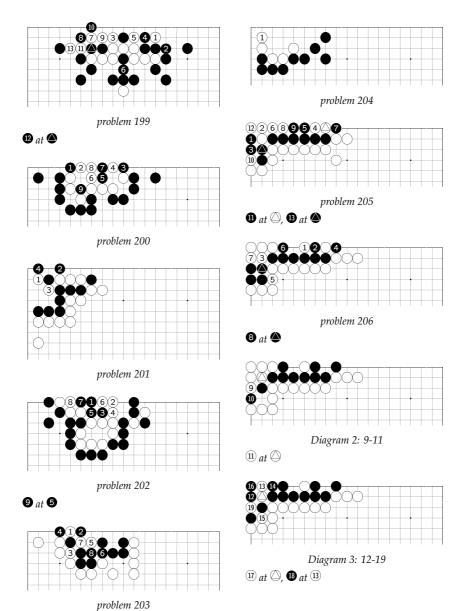


problem 197

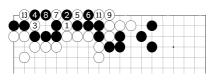


problem 198

15 at 7

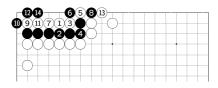


9 at 1



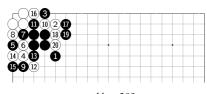
problem 207

**10** at 7, **12** at 5



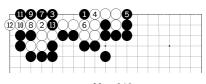
problem 208

15 at (5)

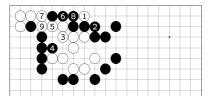


problem 209

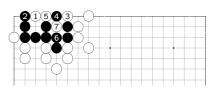
**4** at **5** 



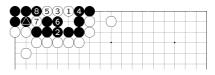
problem 210



problem 211



problem 212



problem 213

9 at 7, **10** at **4** 

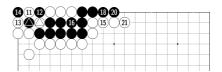


Diagram 2: 11-22

17 at 11, 19 at 0, 22 at 4

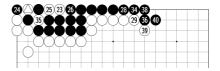
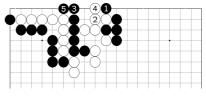
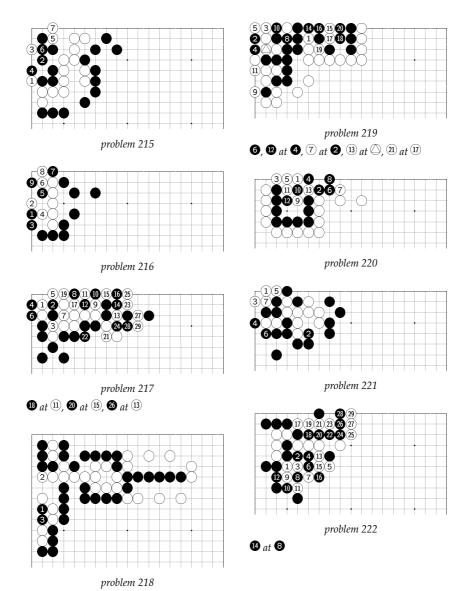


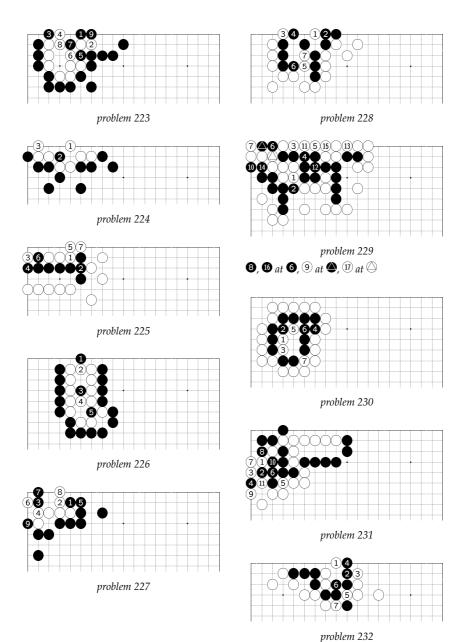
Diagram 3: 23-40

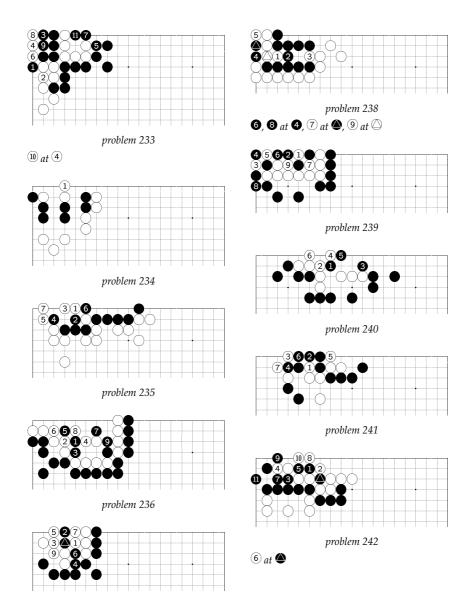
27, 33 at \( \times\), \( \mathbf{0}\) at \( \mathbf{2}\), \( \mathbf{3}\) at \( \mathbf{2}\), \( \mathbf{2}\) at \( \mathbf{2}\)



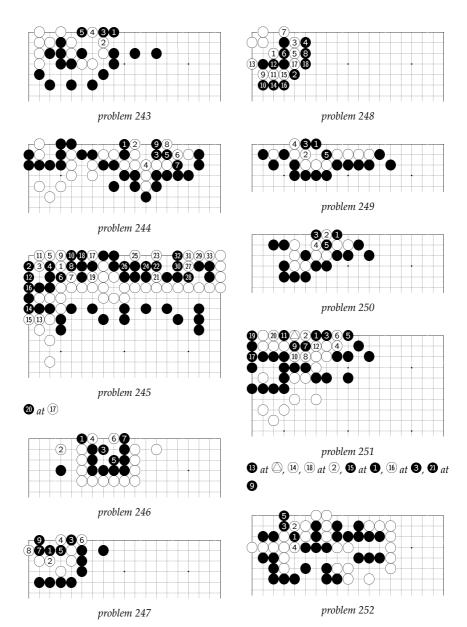
problem 214

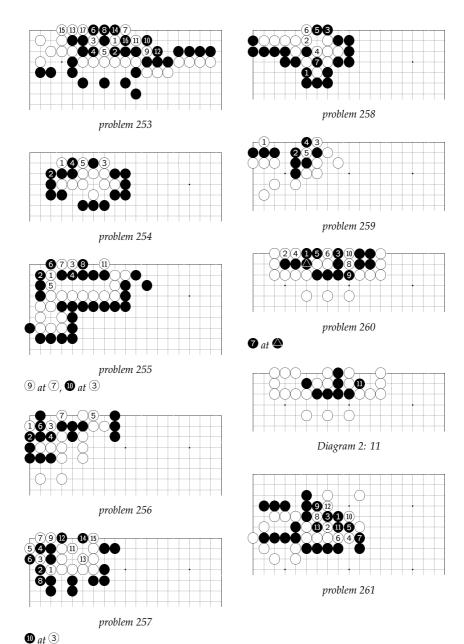


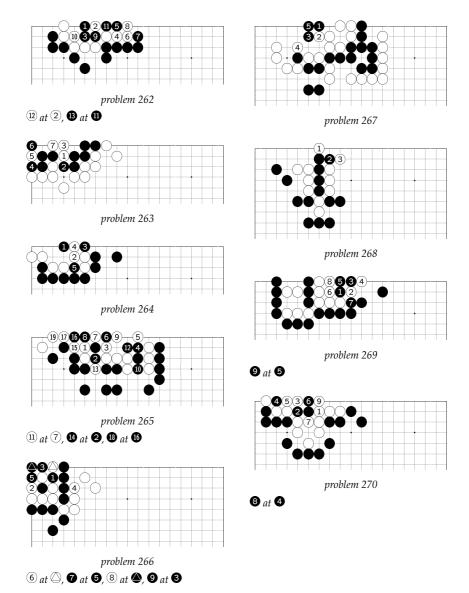


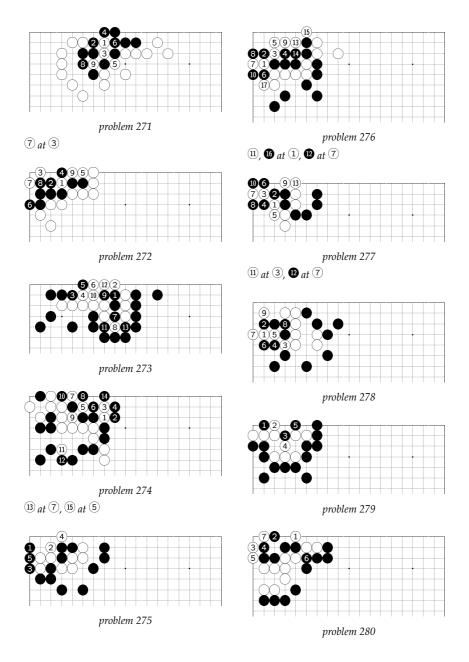


**3** at **4**, **0** at **2**, 11 at 1









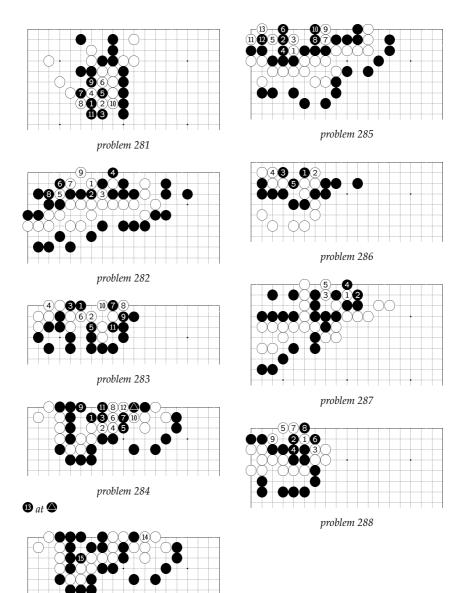
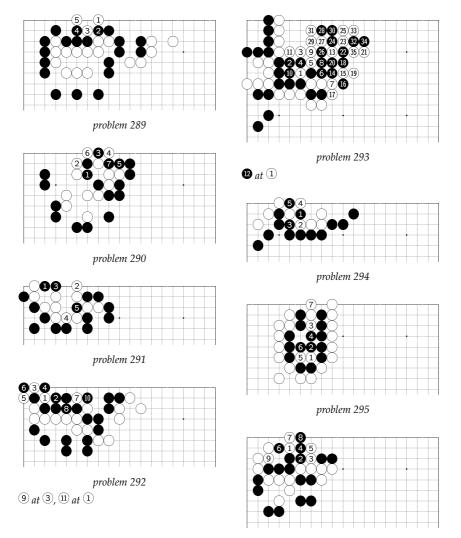
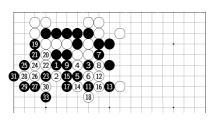


Diagram 2: 14-15

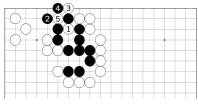


problem 296

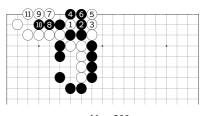


problem 297

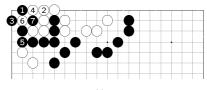




problem 298



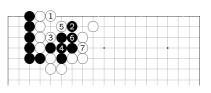
problem 299



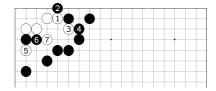
problem 300



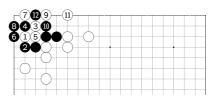
problem 301



problem 302

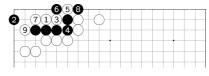


problem 303

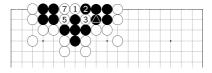


problem 304

 $^{(1)}$  at  $^{(3)}$ 

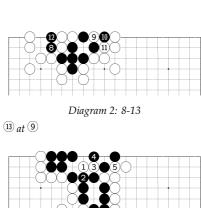


problem 305

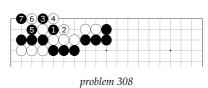


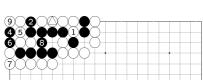
problem 306

4 at 4, 6 at 2



problem 307







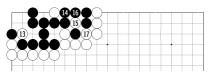
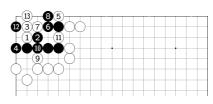
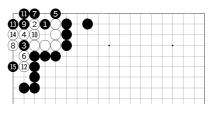


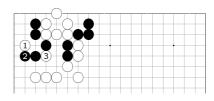
Diagram 2: 13-17



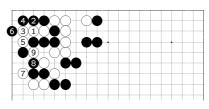
problem 310



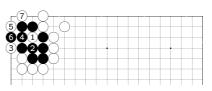
problem 311



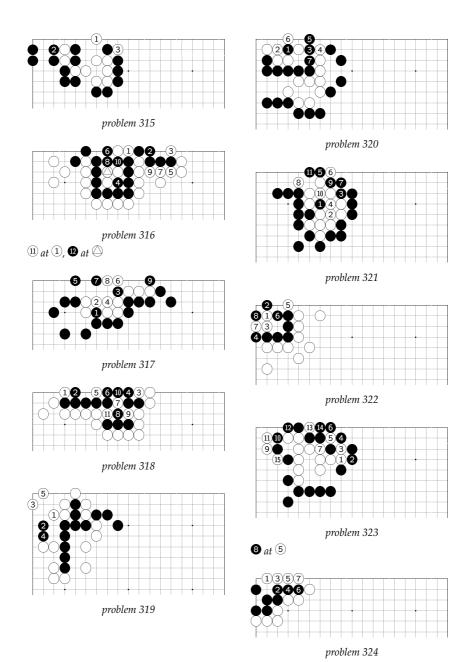
problem 312

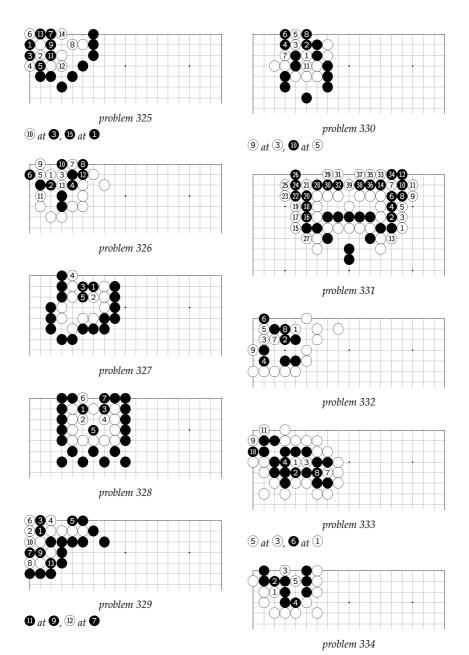


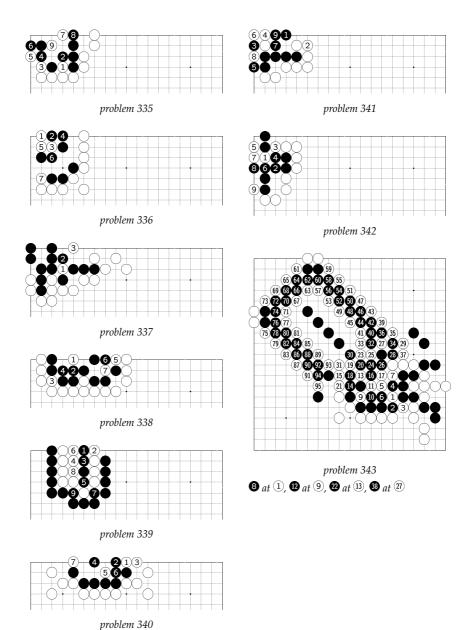
problem 313

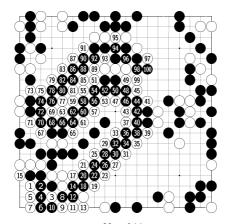


problem 314









problem 344

**6** at 3

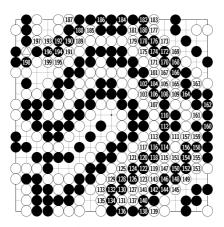


Diagram 2: 101-200

**20** at △

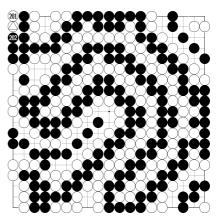
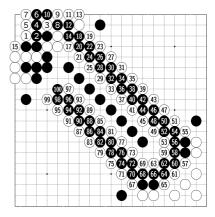


Diagram 3: 201-205

203), 205 at 201), **205** at  $\bigcirc$ 



problem 345

 $\mathbf{6}$  at  $\mathbf{3}$ 

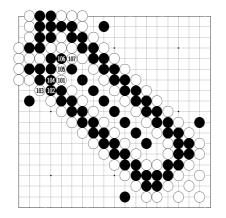
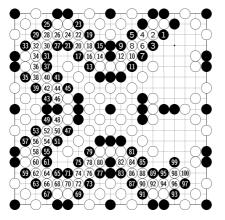


Diagram 2: 101-107



problem 346

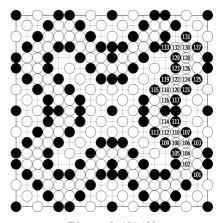
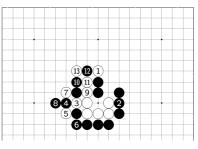


Diagram 2: 101-133



problem 347