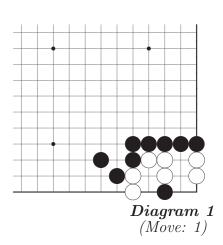
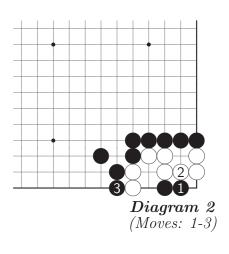
## My Book

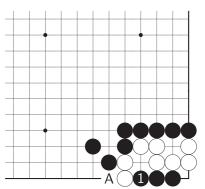


Black to play.

https://gogameguru.com/

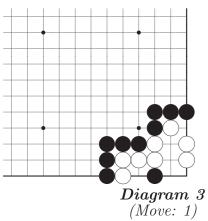


Correct



 $Variation\ 1\ for\ Black\ 3$ 

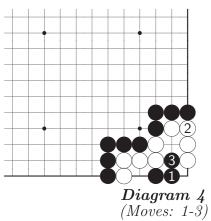
Also correct. Playing this move at A is usually better style because it leaves less bad aji (potential for bad things to happen) on the outside.



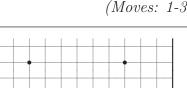
Black to play.

https://gogameguru.com/

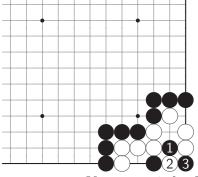




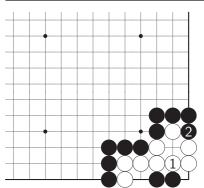
Correct



It's a ko, but Black can do better.

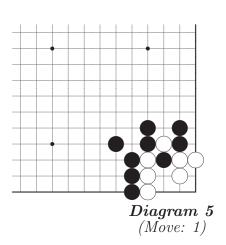


 $Variation\ 2\ for\ Black\ 1$ 



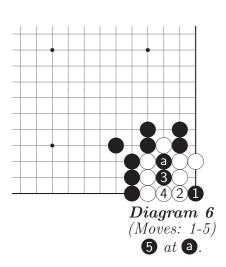
Variation 3 for White 2

Correct

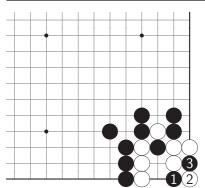


Black to play.

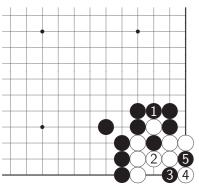
https://gogameguru.com/



Correct

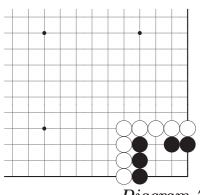


 $Variation \not 4 \ for \ Black \ 1$ 



It's a ko, but Black can do better.

Variation 5 for Black 1



Black to play.

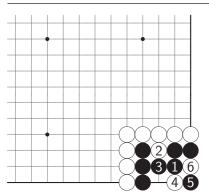
https://gogameguru.com/

Diagram 7
(Move: 1)

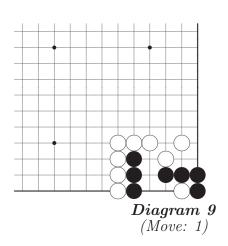


Diagram 8 (Move: 1)

Correct

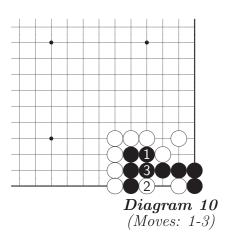


 $Variation\ 6\ for\ Black\ 1$ 

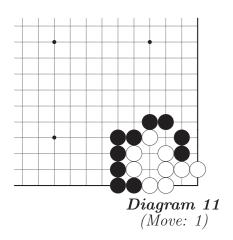


Black to play.

https://gogameguru.com/

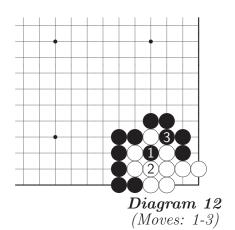


Correct

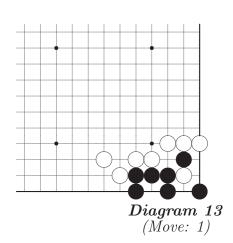


Black to play.

https://gogameguru.com/

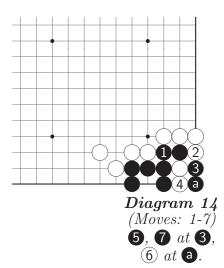


Correct



Black to play.

https://gogameguru.com/



Correct

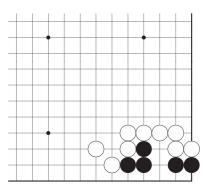
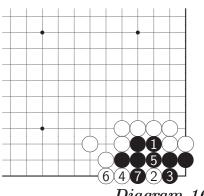


Diagram 15 (Move: 1)

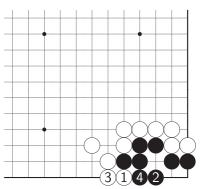
Black to play.

https://gogameguru.com/



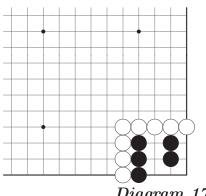
**Diagram 16**(Moves: 1-7)





Variation 7 for White 2

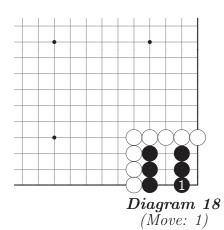
Correct



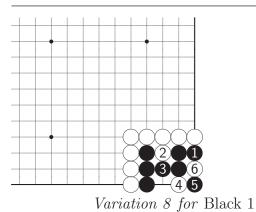
Black to play.

https://gogameguru.com/

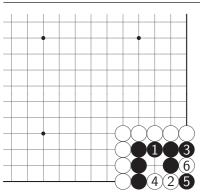




Correct



It's a ko, but Black can do better.



Variation 9 for Black 1

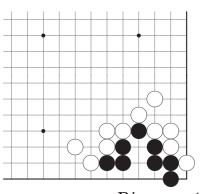
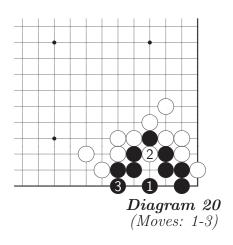
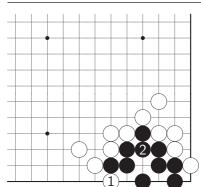


Diagram 19 (Move: 1) Black to play.

https://gogameguru.com/

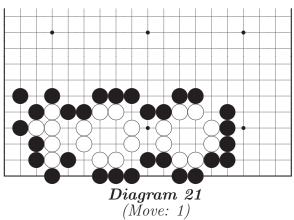


Correct



Variation 10 for White 2

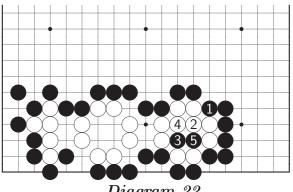
Correct



Black to play.

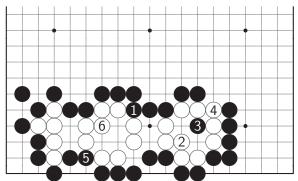
https://gogameguru.com/





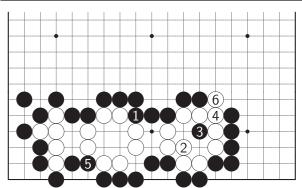
Correct

Diagram 22 (Moves: 1-5)



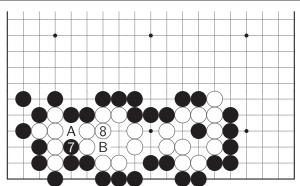
White could also tenuki now, if she wants to take sente for example, and Black will only be able to capture the number 1 (through shortage of liberties). The rest of the group is already alive.

Variation 11 for Black 1



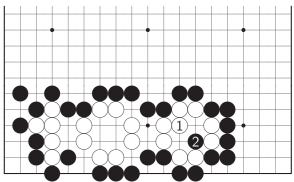
Variation 12 for Black 1

If White tenukis...



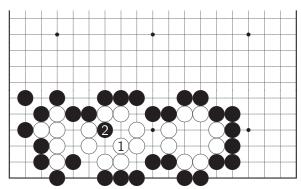
The rest of White's group is still alive. shouldn't connect at A because Black would atari at B.

Variation 13 for Black 1

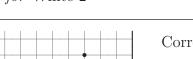


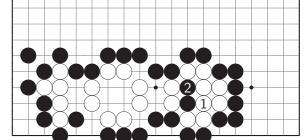
 $Variation\ 14\ for\ White\ 2$ 

Correct



 $Variation\ 15\ for\ White\ 2$ 

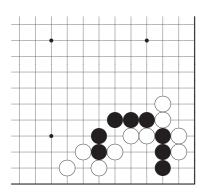




Variation 16 for White 4

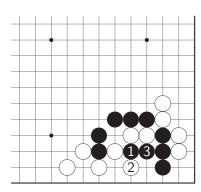
Correct

Correct



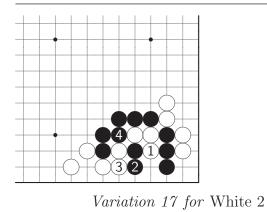
Black to play.  $\rm https://gogameguru.com/$ 

Diagram 23 (Move: 1)



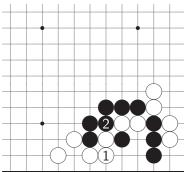
Correct

**Diagram 24** (Moves: 1-3)



Correct

Correct



Variation 18 for White 2

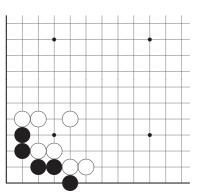
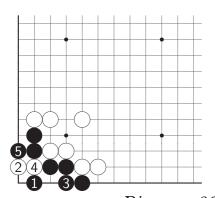


Diagram 25 (Move: 1)

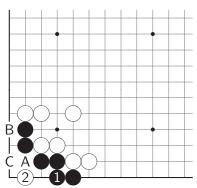
Black to play.

https://gogameguru.com/



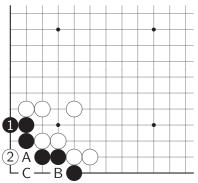
**Diagram 26** (Moves: 1-5)

Correct. Black has enough liberties to play here in this case.



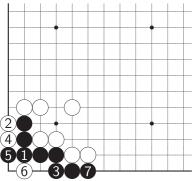
Variation 19 for Black 1

Even if Black plays at A now, it will almost never be sente, because B and C are miai. See: http://senseis.xmp.net/?BentFourInTheCorner



Even if Black plays at A now, it will almost never be sente, because B and C are miai. http://senseis.xmp.net/?BentFourInTheCorner

Variation 20 for Black 1

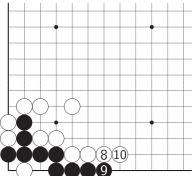


Variation 21 for Black 1

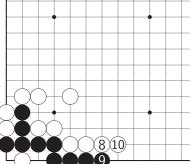
Some players worry that Black can escape like this. However, unless there's a stone nearby on the bottom side, there's no way to escape. For example...

If there's nothing for Black to connect to, White can

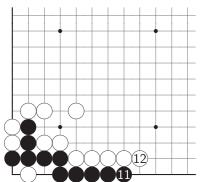
also just keep extending.



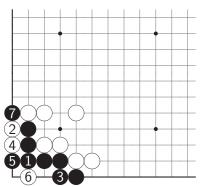
Variation 22 for Black 1



White will make as many of these exchanges as Black likes.

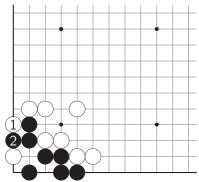


Variation 23 for Black 1



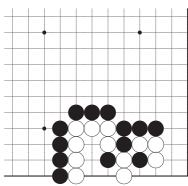
Black can't escape like this either. For example...

Variation 24 for Black 1



Correct

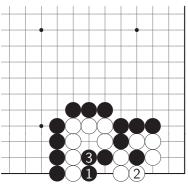
Variation 25 for White 4



Black to play.

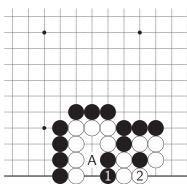
https://gogameguru.com/

Diagram 27
(Move: 1)



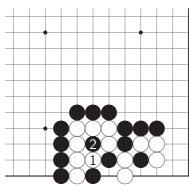
 ${\bf Correct}$ 

**Diagram 28** (Moves: 1-3)



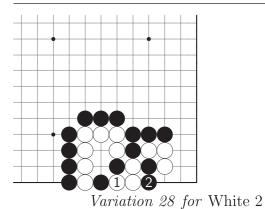
Black can make a seki (in gote) with A, but Black can do better.

Variation 26 for Black 1

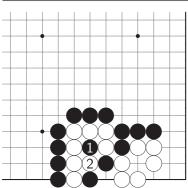


Correct

Variation 27 for White 2



Correct



Correct

Variation 29 for Black 3



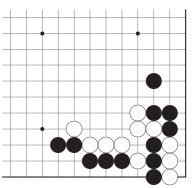


Diagram 29
(Move: 1)

Black to play.

https://gogameguru.com/

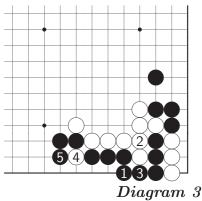
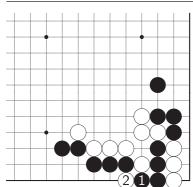


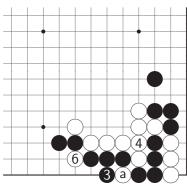
Diagram 30 (Moves: 1-5)

Correct



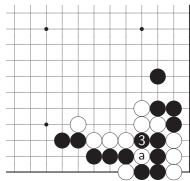
Variation 30 for Black 1

This move gives Black a shortage of liberties.



How can you stop this happening?

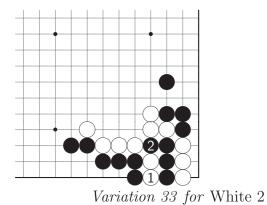
Variation 31 for Black 1 **5** at **a**.



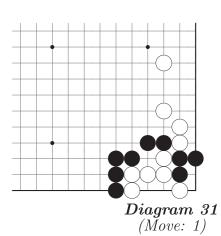
It's a snapback.

Variation 32 for Black 1

(4) at (a).

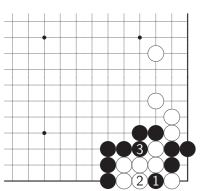


Correct



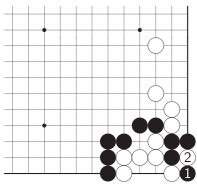
Black to play.

https://gogameguru.com/



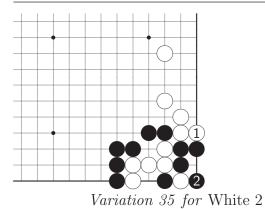
Correct

Diagram 32 (Moves: 1-3)

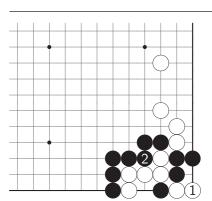


It's a ko, but Black can do better.

Variation 34 for Black 1

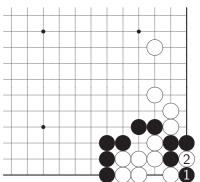


Correct



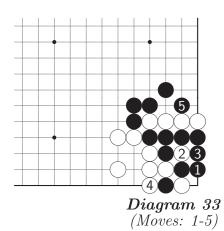
Correct

Variation 36 for White 2

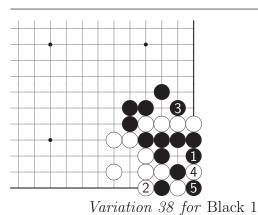


It's a ko, but Black can do better.

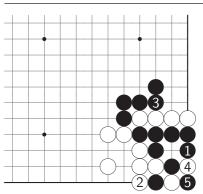
Variation 37 for Black 3



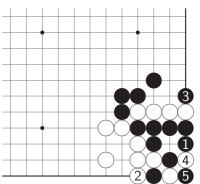
Correct



It's a ko, but Black can do better.

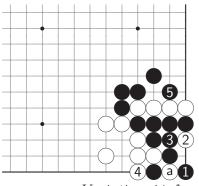


Variation 39 for Black 1



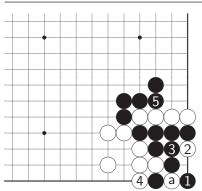
Variation 40 for Black 1

It's a ko, but Black can do better.

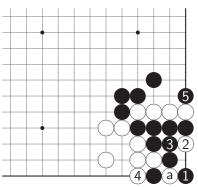


Variation 41 for Black 1
6 at a.

It's a ko, but Black can do better.



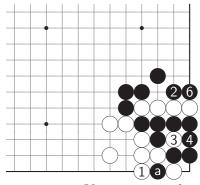
Variation 42 for Black 1 6 at a.



It's a ko, but Black can do better.

Variation 43 for Black 1

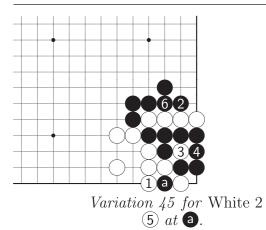
6 at a.



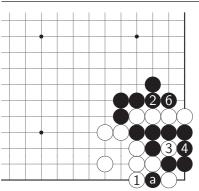
Correct

Variation 44 for White 2

5 at a.

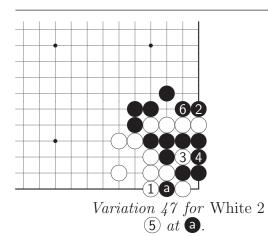


Correct

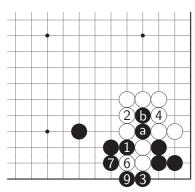


Correct

Variation 46 for White 2 5 at a.

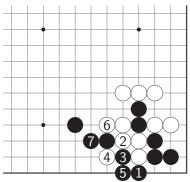


Correct



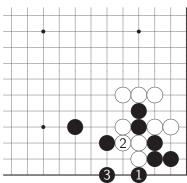
Correct

Diagram 34 (Moves: 1-9) 5 at 3, 8 at 6.



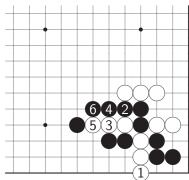
Variation 48 for Black 1

This is also possible, but there was a better move for A.



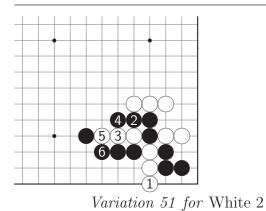
This is also possible, but there was a better move for A.

Variation 49 for Black 1

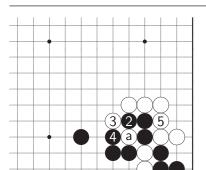


Correct

Variation 50 for White 2

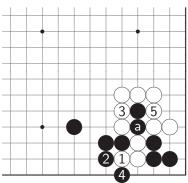


Correct



Correct

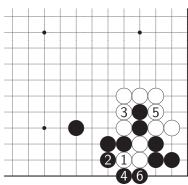
Variation 52 for White 2 6 at (a).



Correct

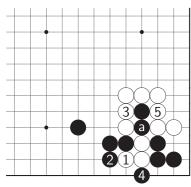
Variation 53 for White 2

6 at a.



There's a better move for this.

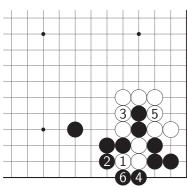
Variation 54 for White 2



Correct

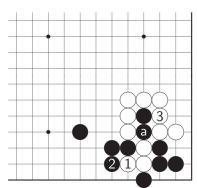
Variation 55 for White 2

6 at a.



There's a better move for this.

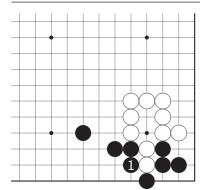
Variation 56 for White 2



Correct

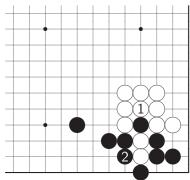
Variation 57 for White 4

4 at a.



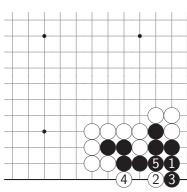
There's a better move for this.

Variation 58 for Black 5



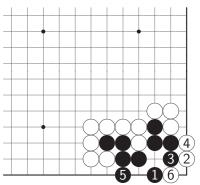
Correct

Variation 59 for White 6



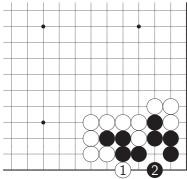
Correct

**Diagram 35**(Moves: 1-5)



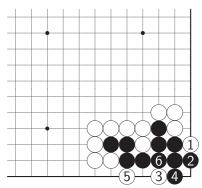
It's a ko, but Black can do better.

Variation 60 for Black 1



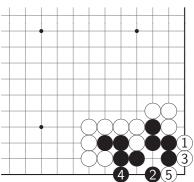
Correct

Variation 61 for White 2

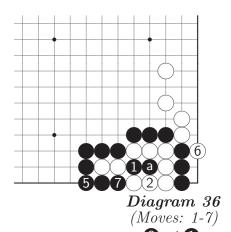


Correct

Variation 62 for White 2

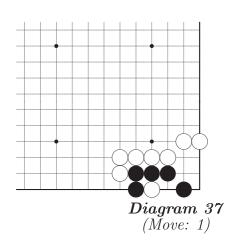


Variation 63 for White 2



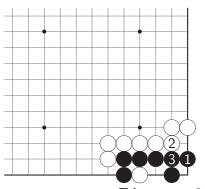
**3** at **1**, **4** at **3**.

Correct



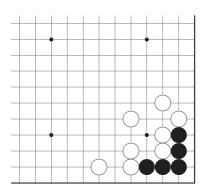
Black to play.

https://gogameguru.com/



**Diagram 38** (Moves: 1-3)

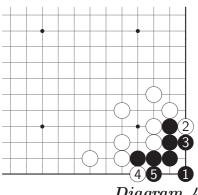
Correct



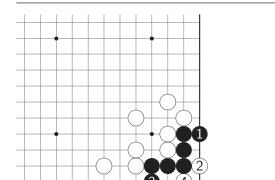
Black to play.

https://gogameguru.com/

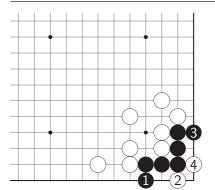
Diagram 39 (Move: 1)



**Diagram 40** (Moves: 1-5)



Variation 64 for Black 1

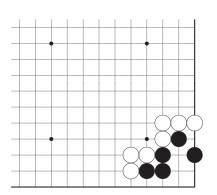


Variation 65 for Black 1

Correct

It's a bent four in the corner. http://senseis.xmp.net/?BentFourInTheCorner

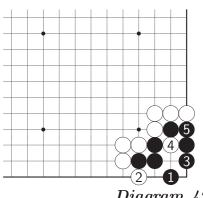
It's a bent four in the corner. http://senseis.xmp.net/?BentFourInTheCorner



**Diagram 41** (Move: 1)

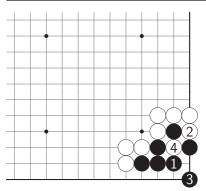
Black to play.

https://gogameguru.com/

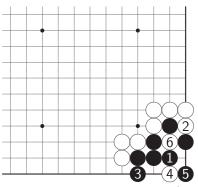


**Diagram 42** (Moves: 1-5)

Correct

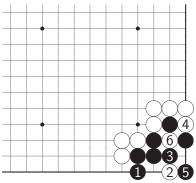


 $Variation\ 66\ for\ Black\ 1$ 



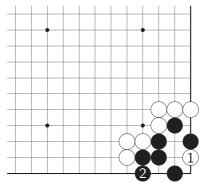
It's a double ko, and Black's captured.

Variation 67 for Black 1



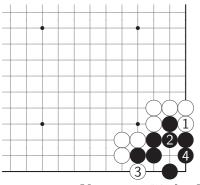
It's a double ko, and Black's captured.

Variation 68 for Black 1



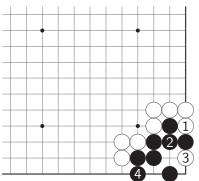
Correct

Variation 69 for White 2



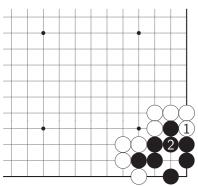
Correct

Variation 70 for White 2



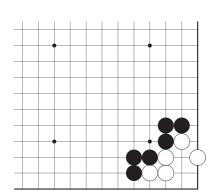
Correct

Variation 71 for White 2



Correct

Variation 72 for White 4



Black to play.

Correct. It's a ko.

https://gogameguru.com/

Diagram 43 (Move: 1)

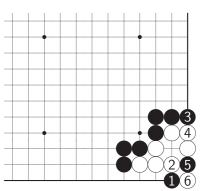
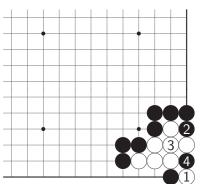
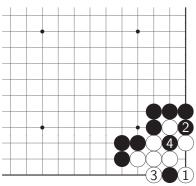


Diagram 44 (Moves: 1-6)



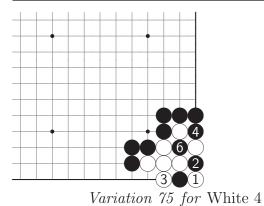
Correct. It's a ko.

Variation 73 for White 4

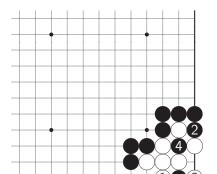


Correct. It's a ko.

Variation 74 for White 4



Correct. It's a ko.



Correct. It's a ko.

Variation 76 for White 4

(5) at (1).

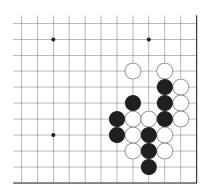
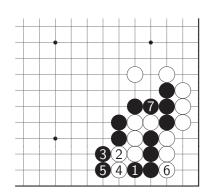


Diagram 45 (Move: 1)

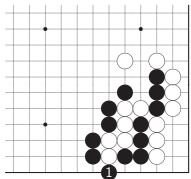
Black to play.

https://gogameguru.com/





**Diagram 46** (Moves: 1-7)



Variation 77 for Black 7

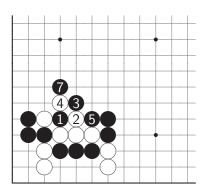
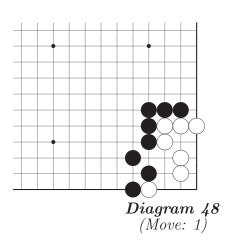
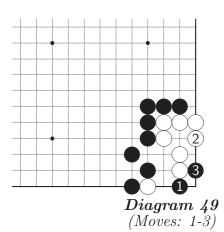


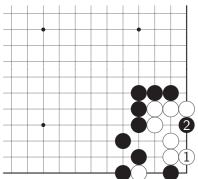
Diagram 47 (Moves: 1-7) 6 at 1. Correct



Black to play.

https://gogameguru.com/





Correct

Variation 78 for White 2

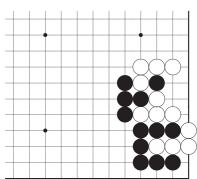
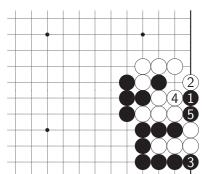


Diagram 50
(Move: 1)

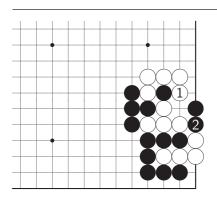
Black to play.

https://gogameguru.com/

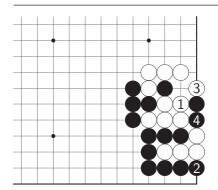


**Diagram 51**(Moves: 1-5)



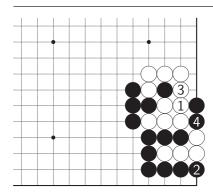


Variation 79 for White 2



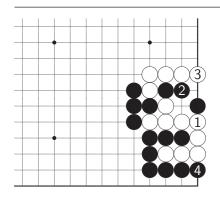
Correct

Variation 80 for White 2



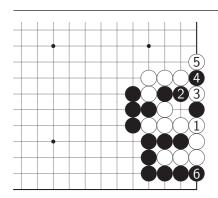
Correct

Variation 81 for White 2



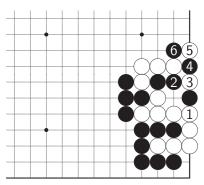
Correct

Variation 82 for White 2



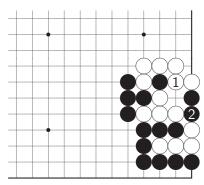
Variation 83 for White 2

Correct



Variation 84 for White 2 7 at 3.

It's a ko, but Black can do better.



Variation 85 for White 4

Black to play.

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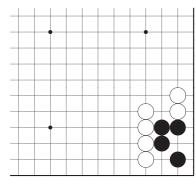
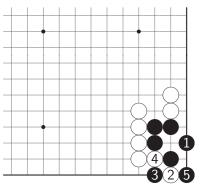
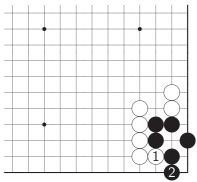


Diagram 52 (Move: 1)



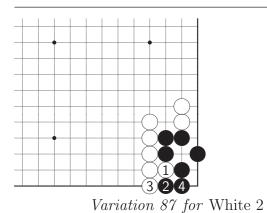
Correct

**Diagram 53** (Moves: 1-5)



Correct

Variation 86 for White 2



Correct

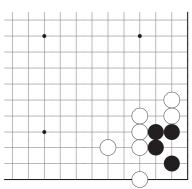
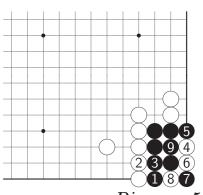


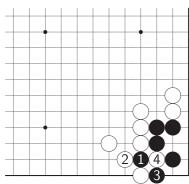
Diagram 54 (Move: 1) Black to play.

https://gogameguru.com/



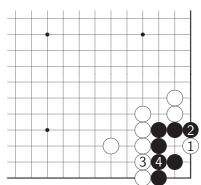
Correct

**Diagram 55** (Moves: 1-9)



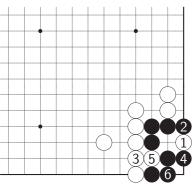
It's a ko, but Black can do better.

Variation 88 for Black 1



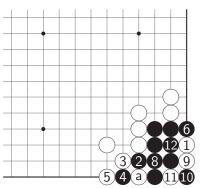
Correct

Variation 89 for White 2



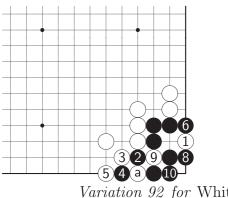
Correct

Variation 90 for White 2



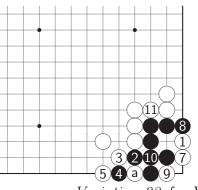
Correct

Variation 91 for White 2 7 at a.



Correct

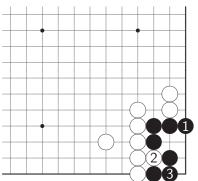
Variation 92 for White 2 7 at a.



It's a ko, but Black can do better.

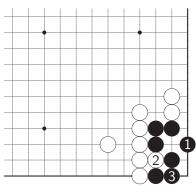
Variation 93 for White 2

6 at (a).



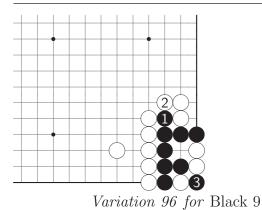
Correct

Variation 94 for Black 3

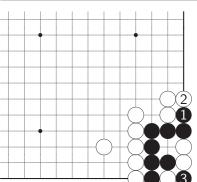


Correct

Variation 95 for Black 3

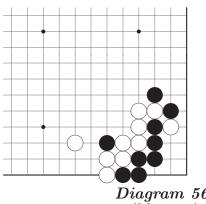


It's a ko, but Black can do better.



Variation 97 for Black 9

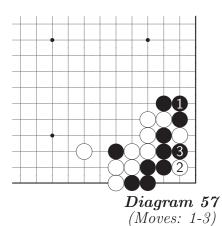
It's a ko, but Black can do better.



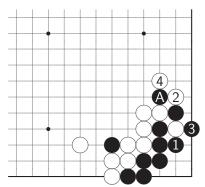
Black to play.

https://gogameguru.com/



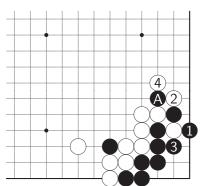


Correct



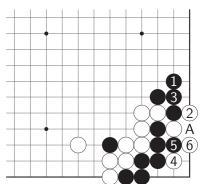
A has been captured in a ladder. This result is bad for Black.

Variation 98 for Black 1



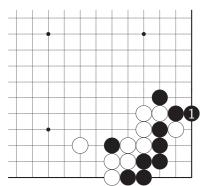
Variation 99 for Black 1

A has been captured in a ladder. This result is bad for Black.



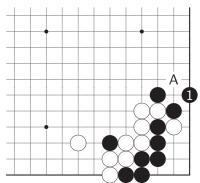
There's a ko at A, but Black can do better.

Variation 100 for Black 1



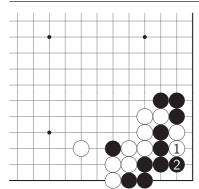
This is possible, but Black can do better.

Variation 101 for Black 1

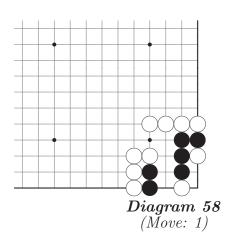


This is possible, but Black can do better. White's peep at A will be sente.

Variation 102 for Black 1



Variation 103 for White 2

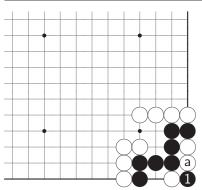


Black to play.

https://gogameguru.com/

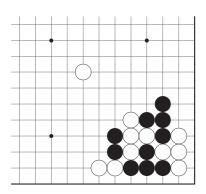
Diagram 59
(Moves: 1-3)

Correct



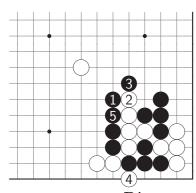
Variation 104 for Black 3
2 at a.

It's bent four in the corner. http://senseis.xmp.net/?BentFourInTheCorner

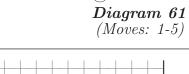


Black to play. https://gogameguru.com/

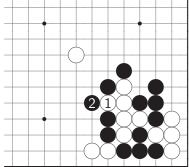
Diagram 60 (Move: 1)



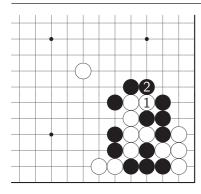
Correct



Correct

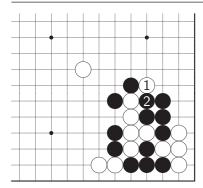


Variation 105 for White 4



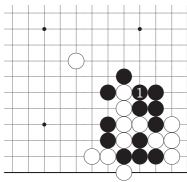
Correct

Variation 106 for White 4



Correct

Variation 107 for White 4



Variation 108 for Black 5

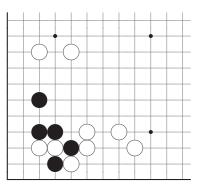
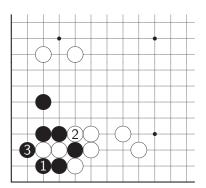


Diagram 62 (Move: 1) Correct

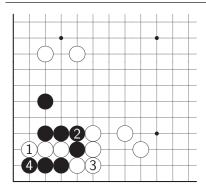
Black to play.

 $\rm https://gogameguru.com/$ 



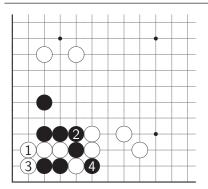
Correct

**Diagram 63** (Moves: 1-3)



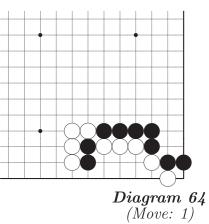
Correct

Variation 109 for White 2



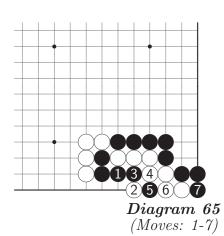
Correct

Variation 110 for White 2

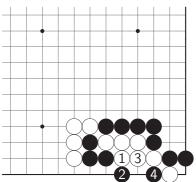


https://gogameguru.com/

Black to play.

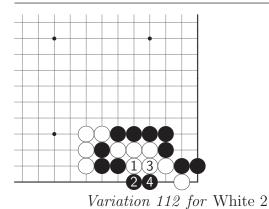


Correct

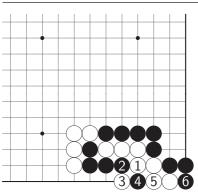


Correct

Variation 111 for White 2

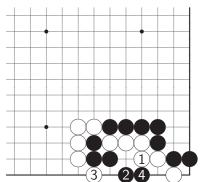


Correct



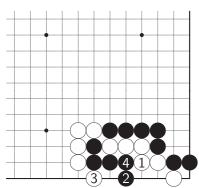
Correct

Variation 113 for White 2



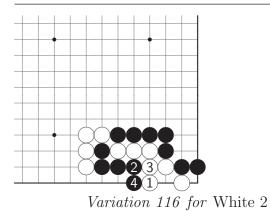
Correct

Variation 114 for White 2

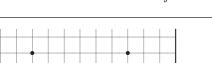


Correct

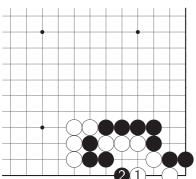
Variation 115 for White 2



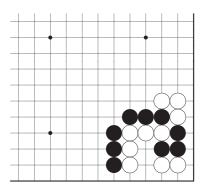
Correct



Correct



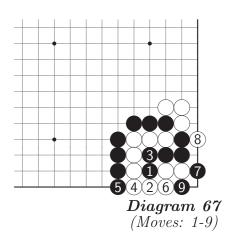
Variation 117 for White 2



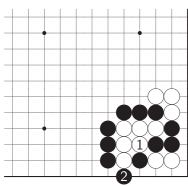
**Diagram 66** (Move: 1)

Black to play.

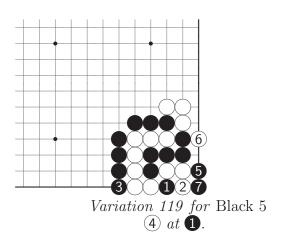
https://gogameguru.com/



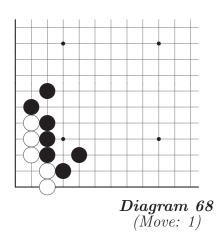
Correct



Variation 118 for White 2

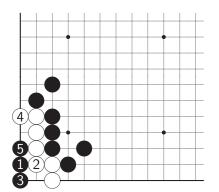


Correct



Black to play.

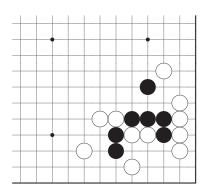
https://gogameguru.com/



Correct.

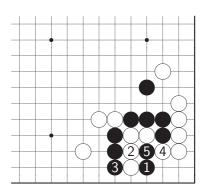
It's a bent four in the corner: http://senseis.xmp.net/?BentFourInTheCorner

**Diagram 69** (Moves: 1-5)



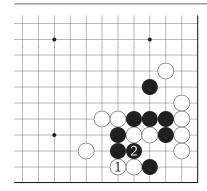
Black to play. https://gogameguru.com/

Diagram 70 (Move: 1)



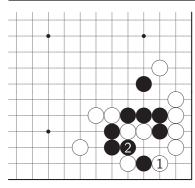
Correct

**Diagram 71** (Moves: 1-5)

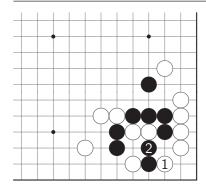


Correct

Variation 120 for White 2



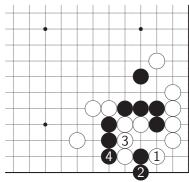
Variation 121 for White 2



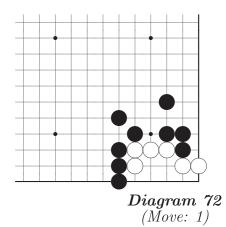
Correct

Correct

Variation 122 for White 2

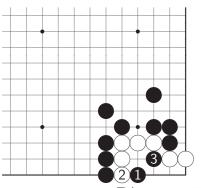


Variation 123 for White 2



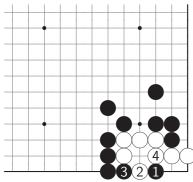
Black to play.

https://gogameguru.com/



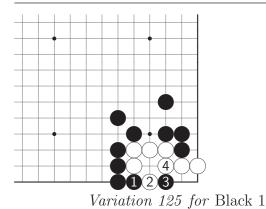
Correct

**Diagram 73** (Moves: 1-3)

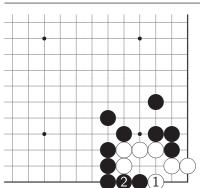


It' a ko, but Black can do better.

Variation 124 for Black 1

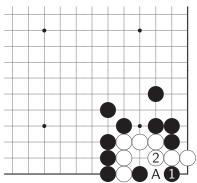


It' a ko, but Black can do better.



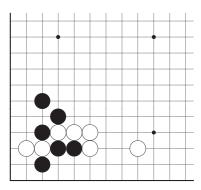
Correct

Variation 126 for White 2



White's alive. Even if Black connects at A next, White's already alive in seki.

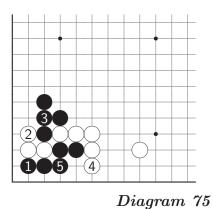
Variation 127 for Black 3



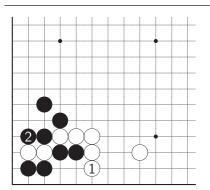
https://gogameguru.com/

Black to play.

Diagram 74 (Move: 1)



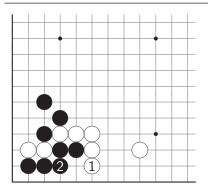
Correct



Correct

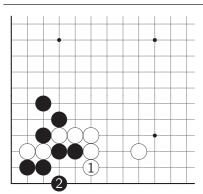
Variation 128 for White 2

(Moves: 1-5)



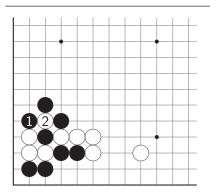
Correct

Variation 129 for White 2



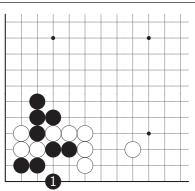
Correct

Variation 130 for White 2



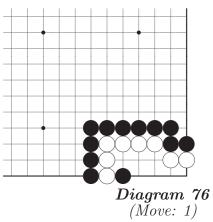
It's a ko, but Black can do better.

 $Variation\ 131\ for\ Black\ 3$ 



Correct

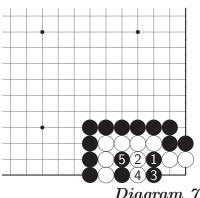
Variation 132 for Black 5



Black to play.

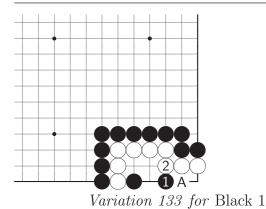
https://gogameguru.com/



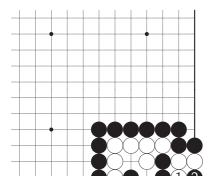


Correct

**Diagram 77** (Moves: 1-5)



White's alive. Even if Black plays at A next, White's already alive in seki.



Variation 134 for White 4

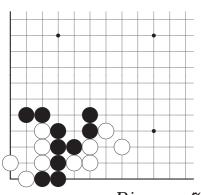
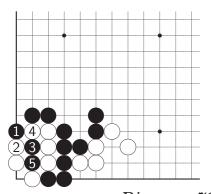


Diagram 78 (Move: 1)

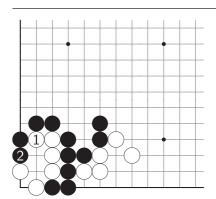
Black to play.

 $\rm https://gogameguru.com/$ 

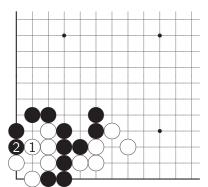


**Diagram 79** (Moves: 1-5)

Correct

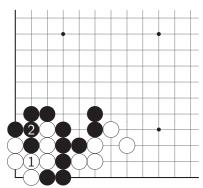


Variation 135 for White 2



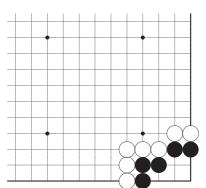
Correct

Variation 136 for White 2



Correct

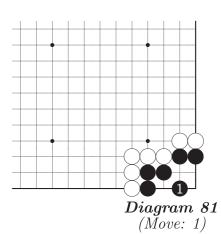
Variation 137 for White 4

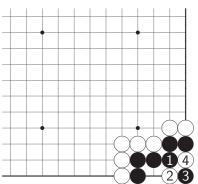


Black to play.

https://gogameguru.com/







Variation 138 for Black 1

It's a ko, but Black can do better.

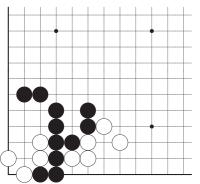
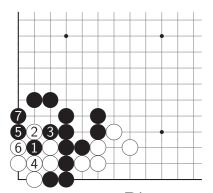
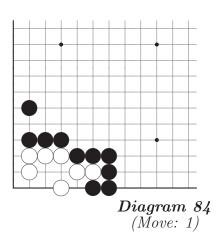


Diagram 82 (Move: 1) Black to play.

https://gogameguru.com/

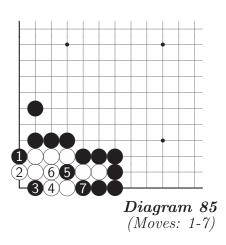


**Diagram 83** (Moves: 1-7)



Black to play.

https://gogameguru.com/



Correct

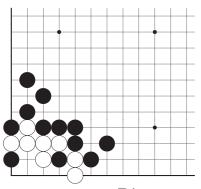
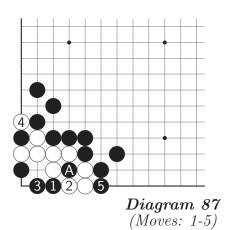
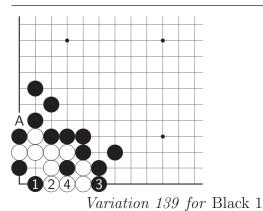


Diagram 86 (Move: 1) Black to play.

https://gogameguru.com/



Correct. Even if White connects at A next, she'll lose the capturing race because it's 'one eye vs no eye'.



Even if Black connects at A next, White's already alive in seki.

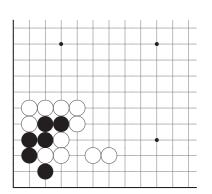
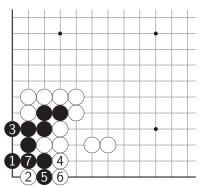


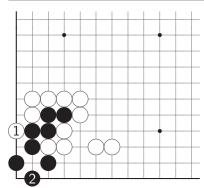
Diagram 88 (Move: 1) Black to play.

 $\rm https://gogameguru.com/$ 



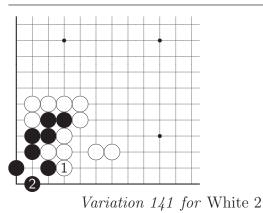
Correct

**Diagram 89** (Moves: 1-7)



Correct

Variation 140 for White 2

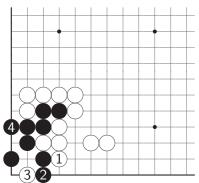


Correct



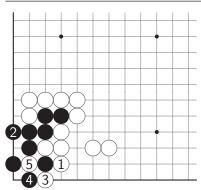
Correct

Variation 142 for White 2



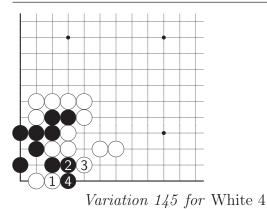
Correct

Variation 143 for White 2

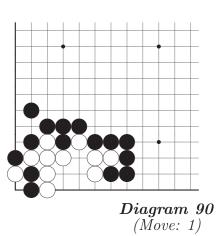


It's a ko, but Black can do better.

Variation 144 for White 2

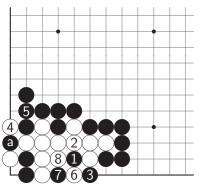


Correct



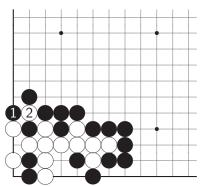
Black to play.

https://gogameguru.com/



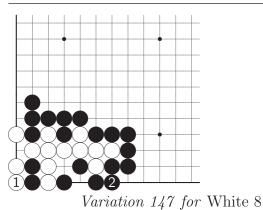
Correct

Diagram 91 (Moves: 1-9) 9 at **a**.

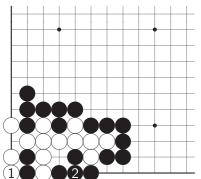


It's a ko, but Black can do better.

Variation 146 for Black 5

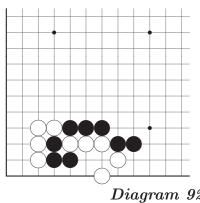


Correct



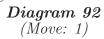
Correct

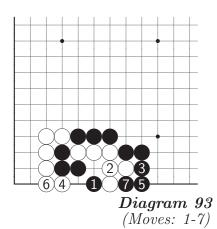
Variation 148 for White 8



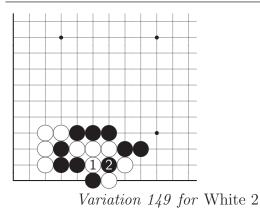
Black to play.

https://gogameguru.com/

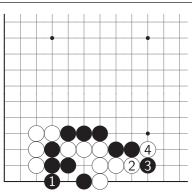




Correct

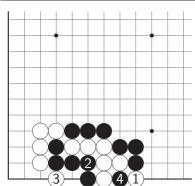


Correct



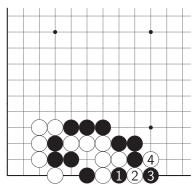
 $Variation\ 150\ for\ Black\ 3$ 

Black's position on the outside is falling apart.



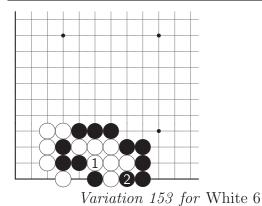
Correct

Variation 151 for White 4

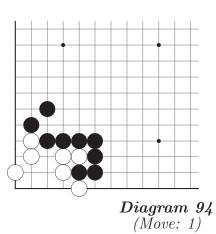


It's a ko, but Black can do better.

 $Variation\ 152\ for\ Black\ 5$ 

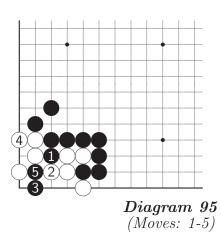


Correct

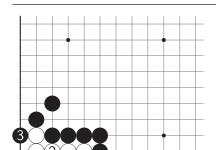


Black to play. https://gogam

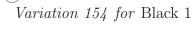
 $\rm https://gogameguru.com/$ 

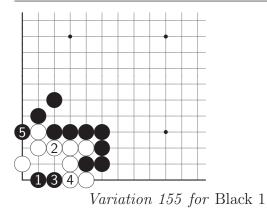


Correct

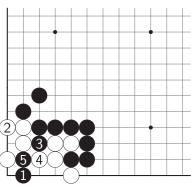


Correct



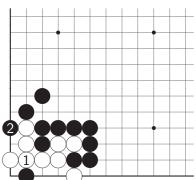


Correct



Correct

 $Variation\ 156\ for\ Black\ 1$ 



Variation 157 for White 4

Correct

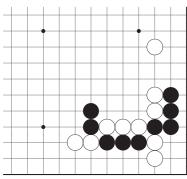


Diagram 96 (Move: 1) Black to play.

 $\rm https://gogameguru.com/$ 

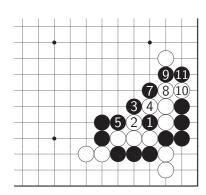
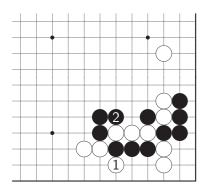
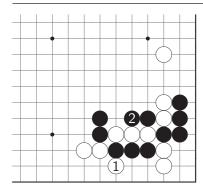


Diagram 97 (Moves: 1-11)
6 at 1.



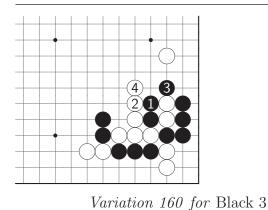
Correct

Variation 158 for White 2

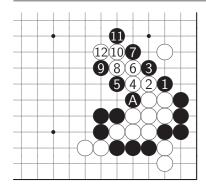


Correct

Variation 159 for White 2

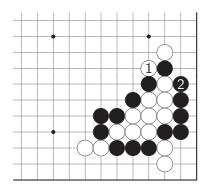


Black can do better.



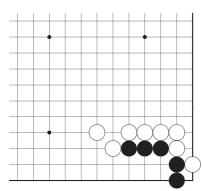
This ladder doesn't work for Black, because **A** is in atari.

Variation 161 for Black 7



Correct

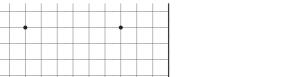
Variation 162 for White 10



Black to play.

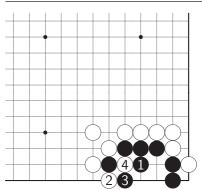
https://gogameguru.com/

Diagram 98 (Move: 1)



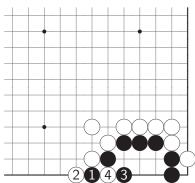
**Diagram 99** (Moves: 1-7)





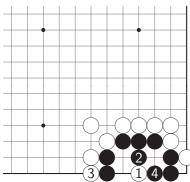
 $Variation\ 163\ for\ Black\ 3$ 

It's a ko, but Black can do better.



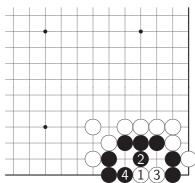
It's a ko, but Black can do better.

Variation 164 for Black 3



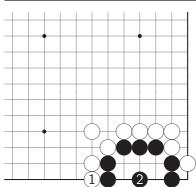
Correct

Variation 165 for White 4



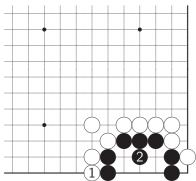
Correct

Variation 166 for White 4



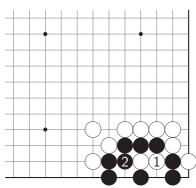
Correct

Variation 167 for White 4



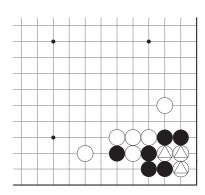
Correct

Variation 168 for White 4



Correct

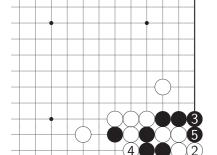
Variation 169 for White 6



Black to play.

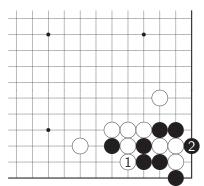
https://gogameguru.com/





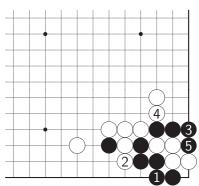
Correct

**Diagram 101** (Moves: 1-5)



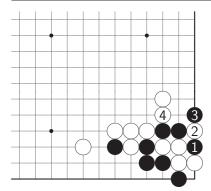
Correct

Variation 170 for White 2



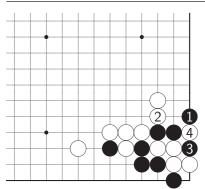
This is also possible, but Black can do better.

Variation 171 for Black 3



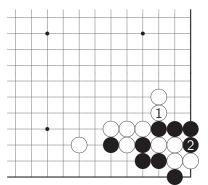
It's a ko, but Black can do better.

 $Variation\ 172\ for\ Black\ 3$ 



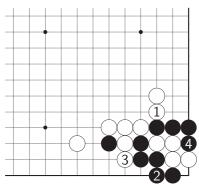
It's a ko, but Black can do better.

Variation 173 for Black 3



Correct

Variation 174 for White 4



This is also possible, but Black can do better.

Variation 175 for White 4

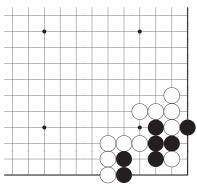
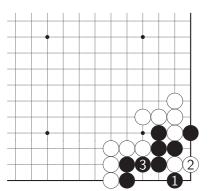


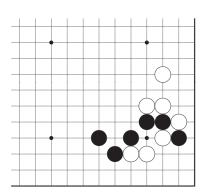
Diagram 102
(Move: 1)

Black to play.

https://gogameguru.com/



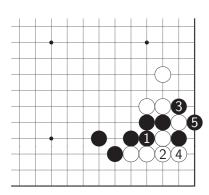
**Diagram 103** (Moves: 1-3)



**Diagram 104** (Move: 1)

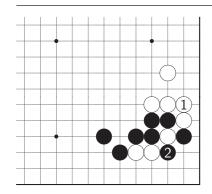
Black to play.

https://gogameguru.com/

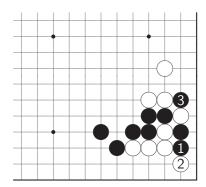


**Diagram 105** (Moves: 1-5)

Correct

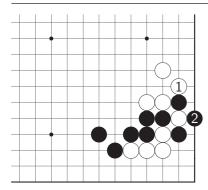


Variation 176 for White 2



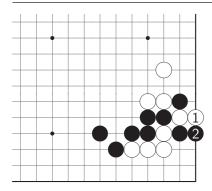
Also correct.

Variation 177 for Black 3



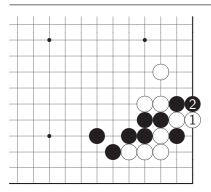
Correct

Variation 178 for White 4



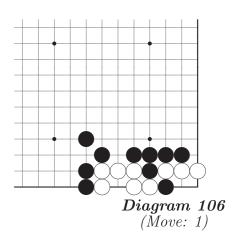
Correct

Variation 179 for White 4



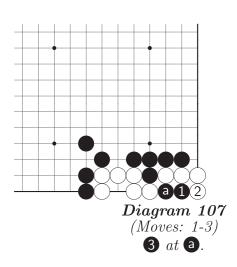
Correct

Variation 180 for White 4

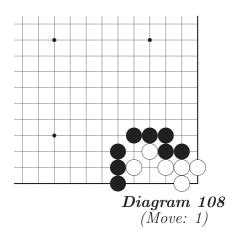


Black to play.

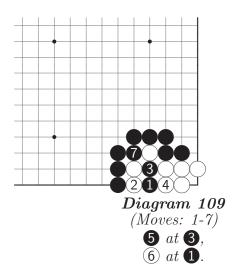
https://gogameguru.com/



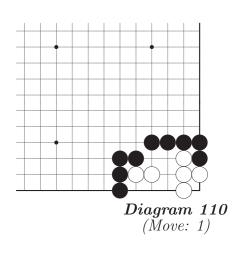
Correct



Black to play.

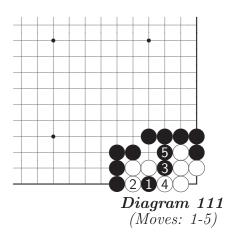


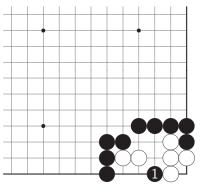
Correct



Black to play.

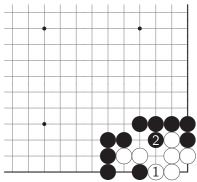
https://gogameguru.com/





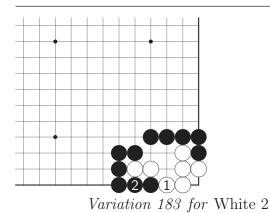
White's already alive.

Variation 181 for Black 1



Correct

Variation 182 for White 2



Correct

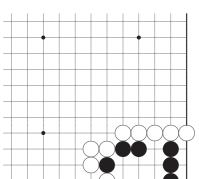
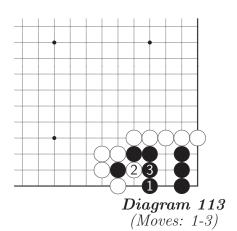
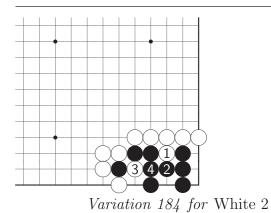


Diagram 112
(Move: 1)

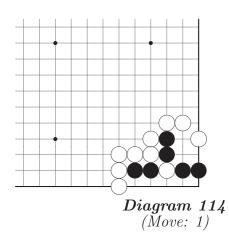
Black to play.



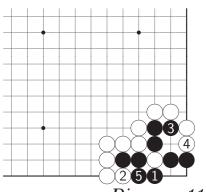
Correct



Correct

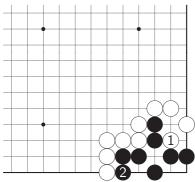


Black to play.



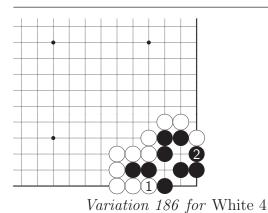
Correct

**Diagram 115**(Moves: 1-5)

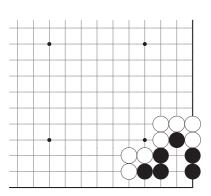


Correct

Variation 185 for White 2



Correct



**Diagram 116** (Move: 1)

Black to play.

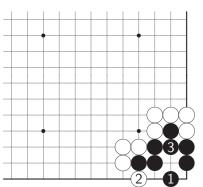
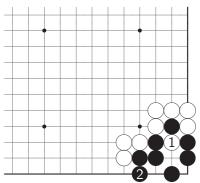
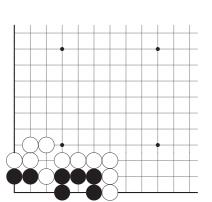


Diagram 117 (Moves: 1-3)

Correct



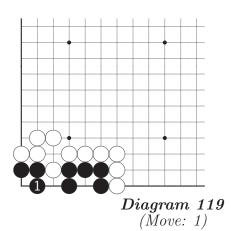
Variation 187 for White 2



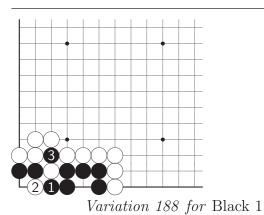
**Diagram 118**(Move: 1)

 ${\bf Correct}$ 

Black to play.



Correct



It's a ko, but Black can do better.

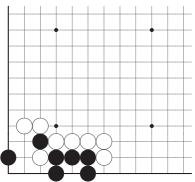
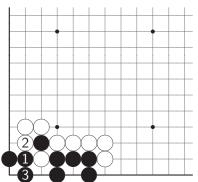
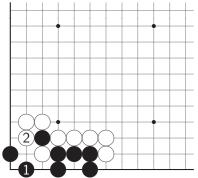


Diagram 120 (Move: 1) Black to play.

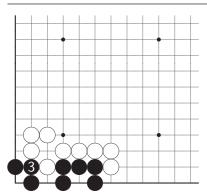


**Diagram 121** (Moves: 1-3)

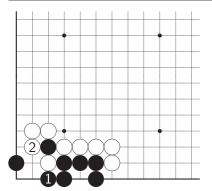
Correct



 $Variation\ 189\ for\ Black\ 1$ 



Variation 190 for Black 1

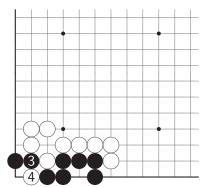


Variation 191 for Black 1

White got tricked...

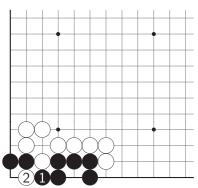
...Black shouldn't live, but does with this move.

This move is a mistake for White...



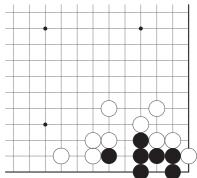
It's a ko.

 $Variation\ 192\ for\ Black\ 1$ 



It's a ko, but Black can do better.

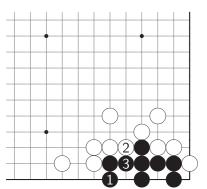
 $Variation\ 193\ for\ Black\ 3$ 



**Diagram 122** (Move: 1)

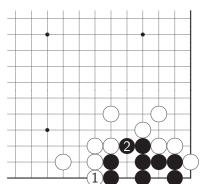
Black to play.

https://gogameguru.com/



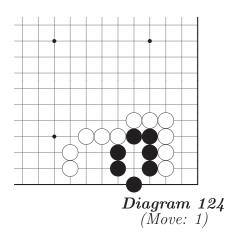
**Diagram 123** (Moves: 1-3)

 ${\bf Correct}$ 



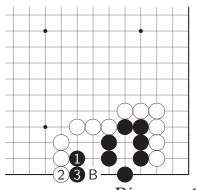
Variation 194 for White 2

Correct



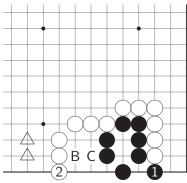
Black to play.

https://gogameguru.com/



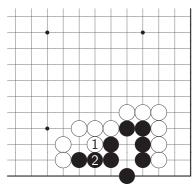
**Diagram 125** (Moves: 1-3)

Correct, if Black ignores A, White can play at B.



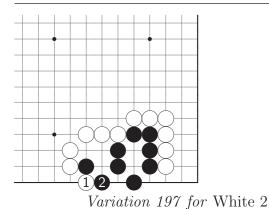
A could also be a move like B or C, but A is as far away as possible to provide a greater benefit in the marked area.

Variation 195 for Black 1

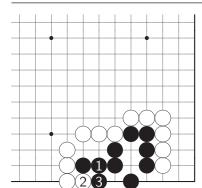


Correct

Variation 196 for White 2

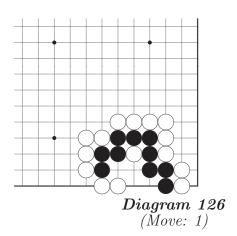


Correct



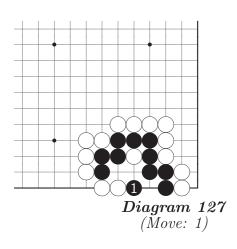
Correct, Black could also play A at B to live with one more point.

Variation 198 for Black 3



Black to play.

https://gogameguru.com/



Correct

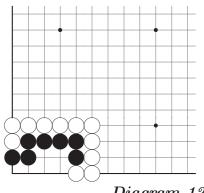
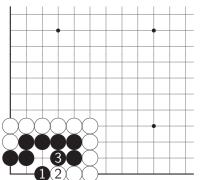
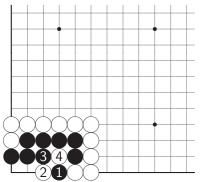


Diagram 128 (Move: 1) Black to play.

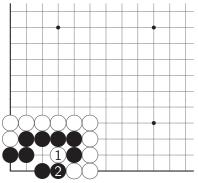


**Diagram 129** (Moves: 1-3)

Correct



Variation 199 for Black 1



Variation 200 for White 2

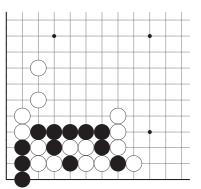


Diagram 130 (Move: 1) It's a ko, but Black can do better.

Correct, but White just gives away two points by playing this way.

Black to play.

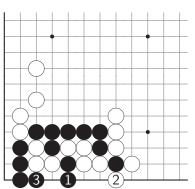
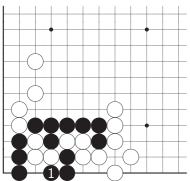


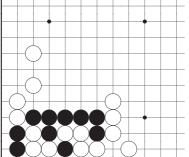
Diagram 131 (Moves: 1-3)

Correct

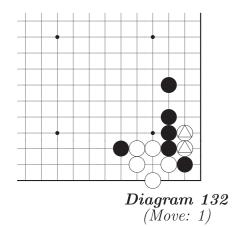
Correct

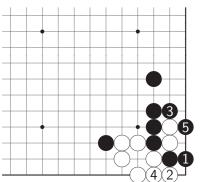


Variation 201 for Black 3



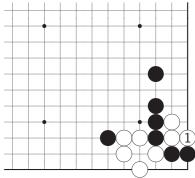
Black to play. Can you find a way to capture White's two stones?



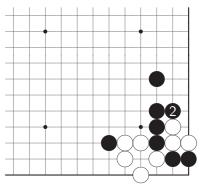


**Diagram 133** (Moves: 1-5)

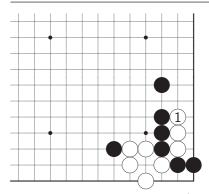
Correct



Variation 202 for White 2



Variation 203 for White 2

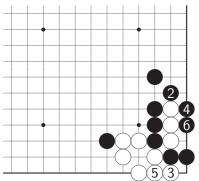


Variation 204 for White 2

Correct

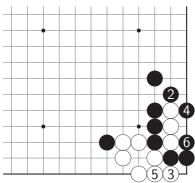
White can't play here either...

White can't get more liberties, so this doesn't change anything...



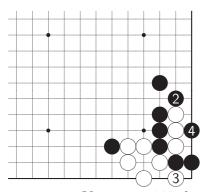
Correct

Variation 205 for White 2



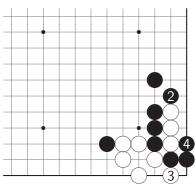
Correct

Variation 206 for White 2



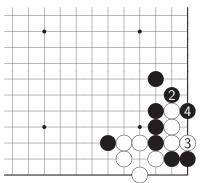
Correct

Variation 207 for White 2



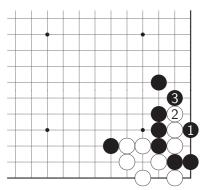
Correct

Variation 208 for White 2



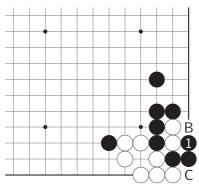
Correct

Variation 209 for White 2



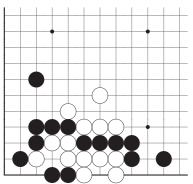
Correct

Variation 210 for Black 3



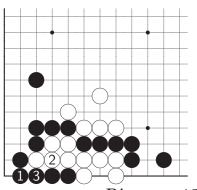
Also correct. Playing A at B is better style though because White might play C as a ko threat later. If you ignore the ko threat, would you rather lose two stones or three?

Variation 211 for Black 5



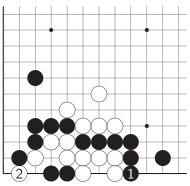
**Diagram 134** (Move: 1)

Black to play.



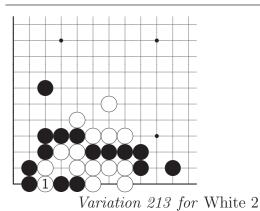
Correct

**Diagram 135**(Moves: 1-3)

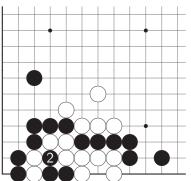


White's alive.

Variation 212 for Black 1

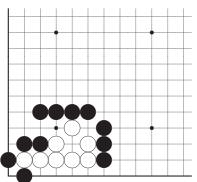


White can't play here...



Correct

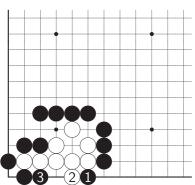
Variation 214 for White 2



**Diagram 136**(Move: 1)

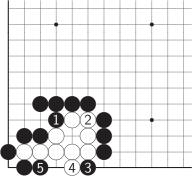
Black to play.

https://gogameguru.com/

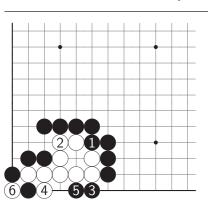


**Diagram 137** (Moves: 1-3)





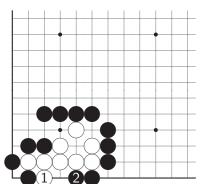
Variation 215 for Black 1



 $Variation\ 216\ for\ Black\ 1$ 

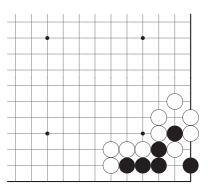
Correct

It's a ko, but Black can do better.



Variation 217 for White 2

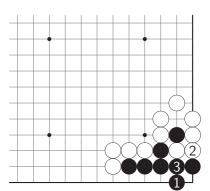
Correct



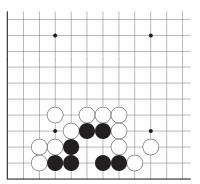
**Diagram 138** (Move: 1)

Black to play.

https://gogameguru.com/



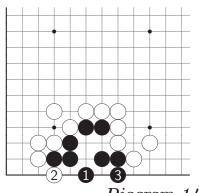
**Diagram 139** (Moves: 1-3)



**Diagram 140** (Move: 1)

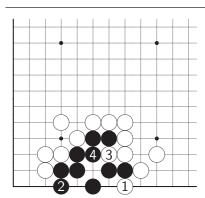
Black to play.

https://gogameguru.com/

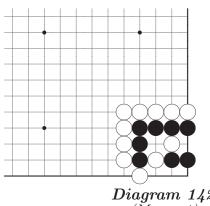


**Diagram 141** (Moves: 1-3)

## Correct

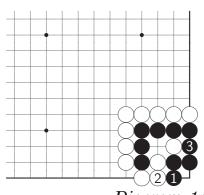


Variation 218 for White 2

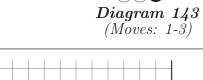


Black to play. https://gogameguru.com/

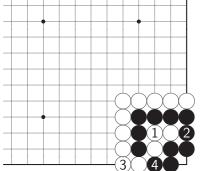
Diagram 142 (Move: 1)



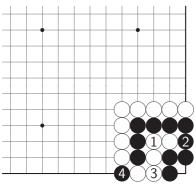
Correct



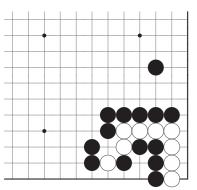
Correct



Variation 219 for White 2



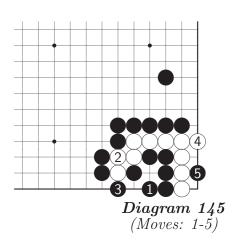
Variation 220 for White 2



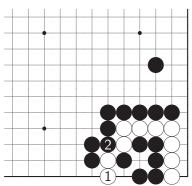
**Diagram 144**(Move: 1)

Black to play.

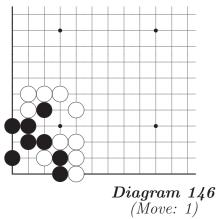
https://gogameguru.com/



Correct

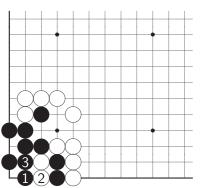


Variation 221 for White 2



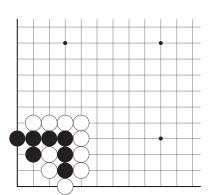
Black to play.

https://gogameguru.com/



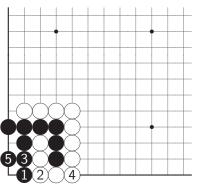
**Diagram 147** (Moves: 1-3)

Correct



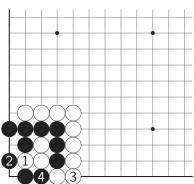
**Diagram 148** (Move: 1)

Black to play.



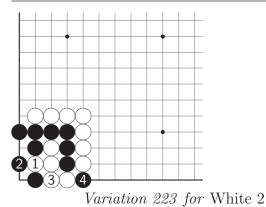
Correct

**Diagram 149** (Moves: 1-5)

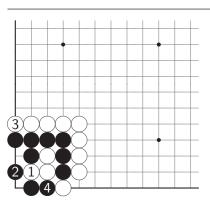


Correct

Variation 222 for White 2

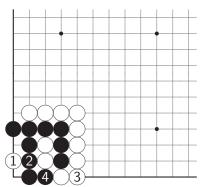


Correct



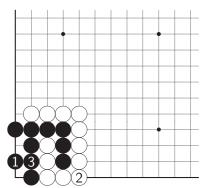
Correct

Variation 224 for White 2



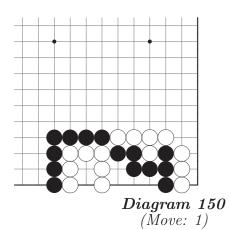
Correct

Variation 225 for White 2



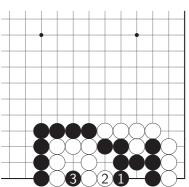
Correct

 $Variation\ 226\ for\ Black\ 3$ 



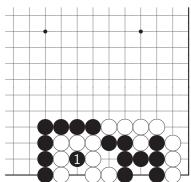
Black to play.

https://gogameguru.com/



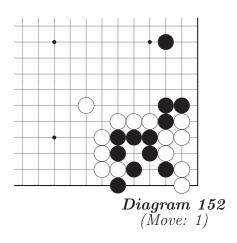
Correct. Now both groups are alive in seki.  $\,$ 

Diagram 151 (Moves: 1-3)



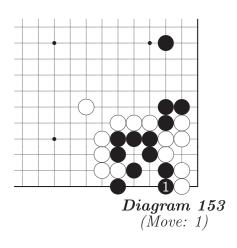
Correct. Now both groups are alive in seki.

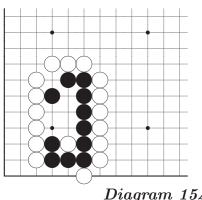
Variation 227 for Black 3



Black to play.

https://gogameguru.com/



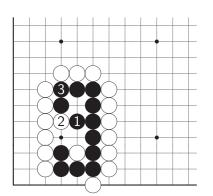


**Diagram 154** (Move: 1)

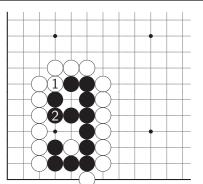
Black to play.

 $\rm https://gogameguru.com/$ 

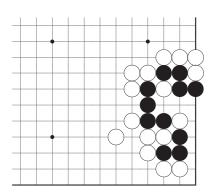




**Diagram 155** (Moves: 1-3)



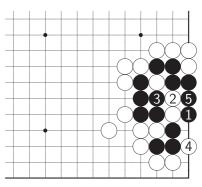
Variation 228 for White 2



Black to play.

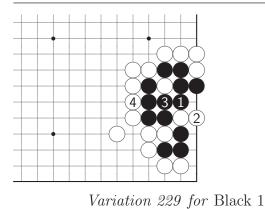
https://gogameguru.com/

**Diagram 156** (Move: 1)



Correct

**Diagram 157** (Moves: 1-5)



After 4 here, there's no way to live.

Variation 230 for White 4

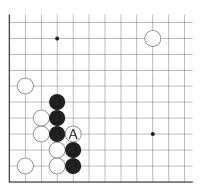
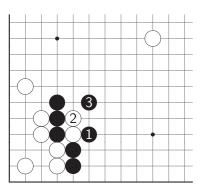


Diagram 158 (Move: 1)

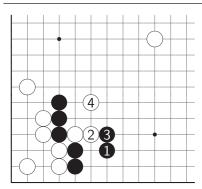
Black to play. Can you capture White's cutting stone at A?

https://gogameguru.com/



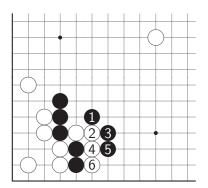
**Diagram 159** (Moves: 1-3)

Correct



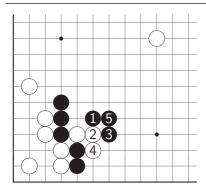
Variation 231 for Black 1

White's escaping.



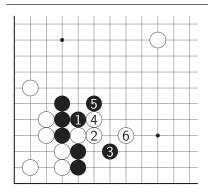
Black can do better.

Variation 232 for Black 1



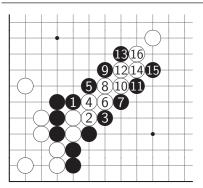
Black can do better.

Variation 233 for Black 1



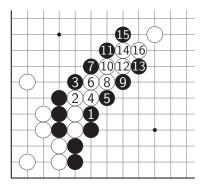
Now Black's in trouble.

Variation 234 for Black 1



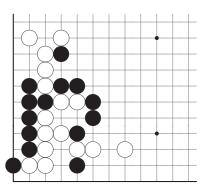
The ladder doesn't work.

Variation 235 for Black 3



Variation 236 for Black 3

The ladder doesn't work.



**Diagram 160** (Move: 1)

Black to play.

https://gogameguru.com/

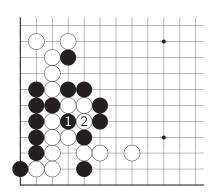


Diagram 161 (Moves: 1-3) 3 at 1.

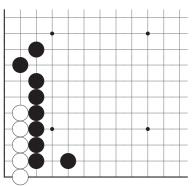
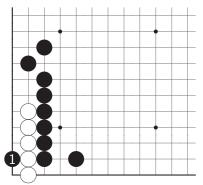


Diagram 162 (Move: 1)

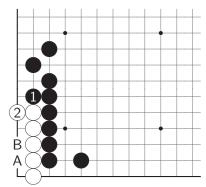
Black to play.

https://gogameguru.com/



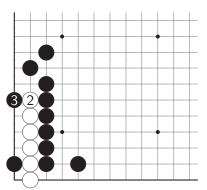
**Diagram 163** (Move: 1)

This is the vital point.



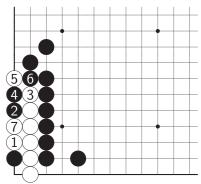
 $Variation\ 237\ for\ Black\ 1$ 

White's four in a row eyespace is alive because A and B are miai (that means if Black takes one, White can take the other one).



**Diagram 164** (Moves: 2-3)

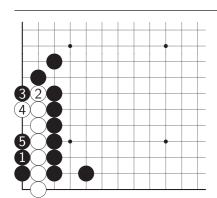
Good move, this makes White's eyespace as small as possible.



Variation 238 for White 2

8 at 4.

Correct



Variation 239 for Black 3

White's already alive in seki.

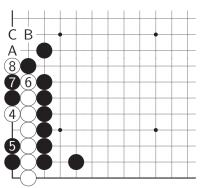
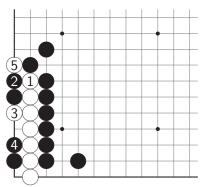


Diagram 165 (Moves: 4-9) **9** at **7**.

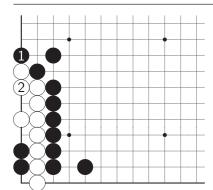
Correct. If White plays A, Black can just play B (or atari at C in some situations). White can't make two eyes.



Variation 240 for White 4

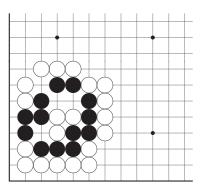
6 at 2.

Correct



Variation 241 for Black 9

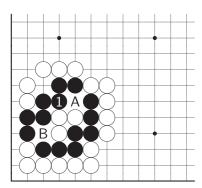
Black almost had it. There's a better move than A.



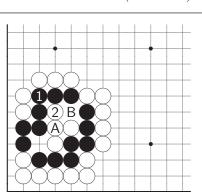
**Diagram 166** (Move: 1)

Black to play.

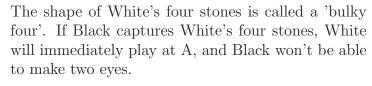
https://gogameguru.com/



**Diagram 167** (Move: 1)

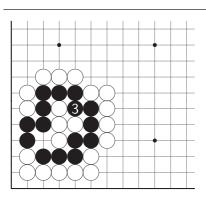


Variation 242 for Black 1



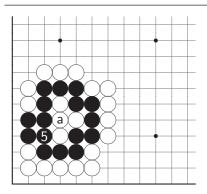
Correct. Now Black's alive in seki. If White tries to play A or B, Black can capture and make two eyes.

If Black does nothing, White can atari at B, making a 'bulky five' shape. If Black then captures, (A) still works.

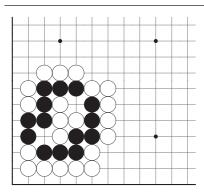


Variation 243 for Black 1

Even if White passes...

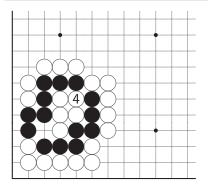


Black can't make two eyes.



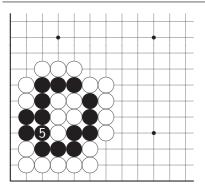
Black passes. Black's already dead, but for the sake of demonstration...  $\,$ 

Variation 245 for Black 1



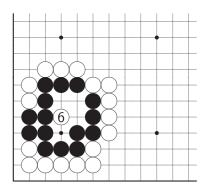
Atari...

Variation 246 for Black 1



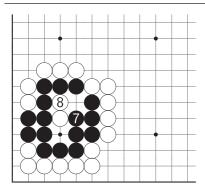
Capture...

 $Variation\ 247\ for\ Black\ 1$ 



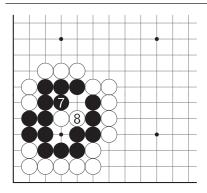
White plays on the vital point.

 $Variation\ 248\ for\ Black\ 1$ 



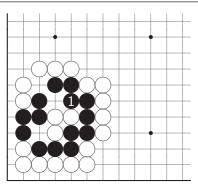
Black can't make two eyes.

Variation 249 for Black 1



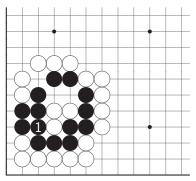
Black can't make two eyes.

 $Variation\ 250\ for\ Black\ 1$ 



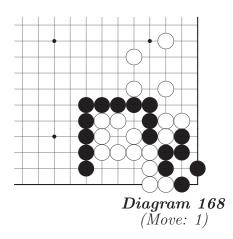
It's already a dead shape.

Variation 251 for Black 1



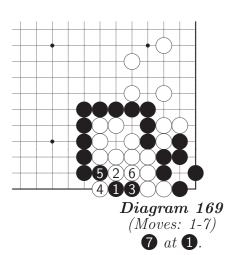
Variation 252 for Black 1

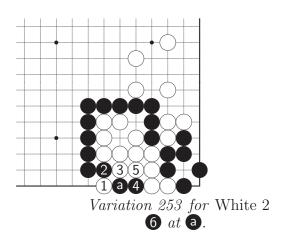
It's already a dead shape.



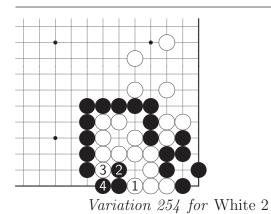
Black to play.

https://gogameguru.com/





Correct



Correct

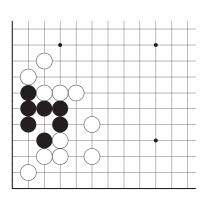
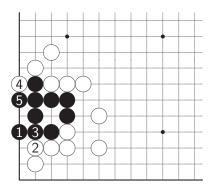


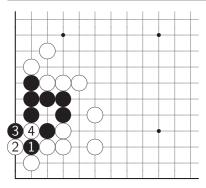
Diagram 170 (Move: 1) Black to play.

https://gogameguru.com/

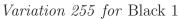


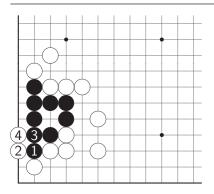
Correct

**Diagram 171** (Moves: 1-5)



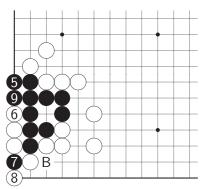
It's a ko, but Black can do better.





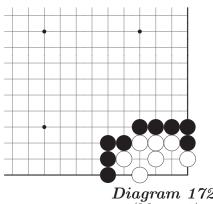
Black should be captured now, but this White move is a mistake...

 $Variation\ 256\ for\ Black\ 1$ 



A and B are miai for Black (if White defends against one, Black plays the other), so Black lives.

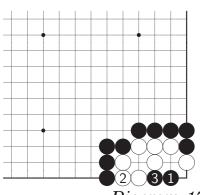
 $Variation\ 257\ for\ Black\ 1$ 



Black to play.

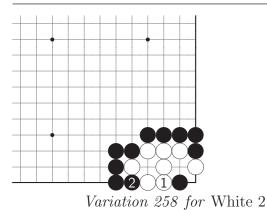
https://gogameguru.com/

**Diagram 172** (Move: 1)

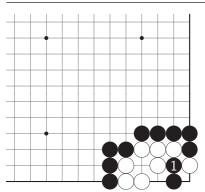


Correct

**Diagram 173** (Moves: 1-3)

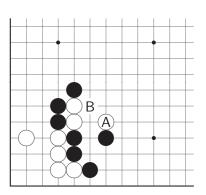


Correct



Correct

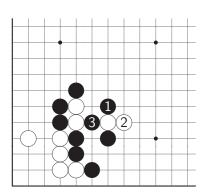
 $Variation\ 259\ for\ Black\ 3$ 



**Diagram 174** (Move: 1)

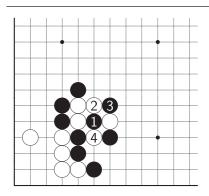
Black to play.

(A) would have been better at B. Why? https://gogameguru.com/



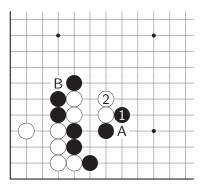
**Diagram 175** (Moves: 1-3)

Correct



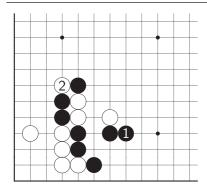
 $Variation\ 260\ for\ Black\ 1$ 

This is a mess. Black has a move that settles things in a simple and clean manner.



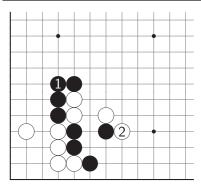
Next White can cut at A or B, so the position becomes very difficult for Black.

Variation 261 for Black 1



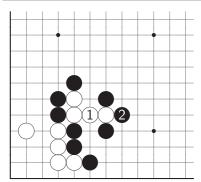
Black's missed a great opportunity. White can even cut here now.

Variation 262 for Black 1

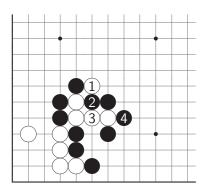


Black defended the left side, but White can play here now.

Variation 263 for Black 1



Variation 264 for White 2



Correct

Variation 265 for White 2

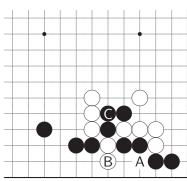
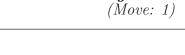


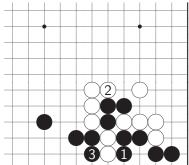
Diagram 176

Black to play. How can Black prevent White from capturing at A while also winning the capturing race between B and C?

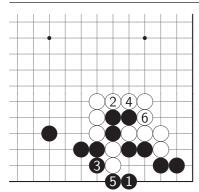
https://gogameguru.com/





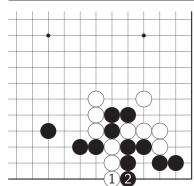


**Diagram 177** (Moves: 1-3)



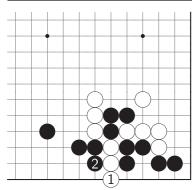
Variation 266 for Black 1

Not too bad, but Black can do capture some stones.



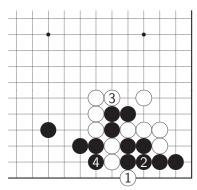
Correct

Variation 267 for White 2



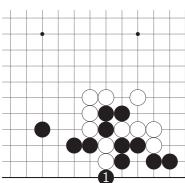
Correct

Variation 268 for White 2



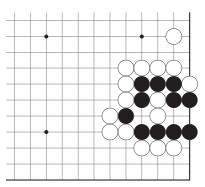
Correct

Variation 269 for White 2



Correct

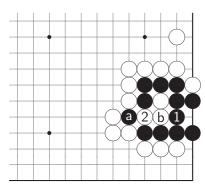
Variation 270 for Black 3



**Diagram 178** (Move: 1)

Black to play.

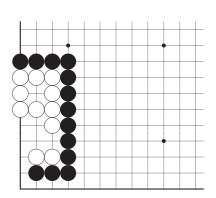
https://gogameguru.com/



**Diagram 179** (Moves: 1-5)

- **3** at **a**,
- (4) at (2),
- **5** at **b**.

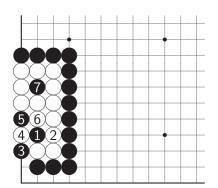
Correct



**Diagram 180** (Move: 1)

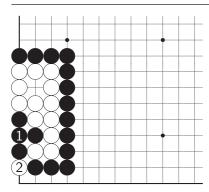
Black to play.

 $\rm https://gogameguru.com/$ 



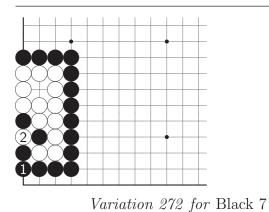
Correct

**Diagram 181** (Moves: 1-7)



Almost got it, have another go.

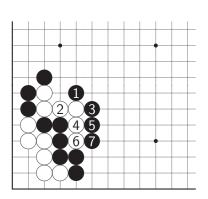
 $Variation\ 271\ for\ Black\ 7$ 



Almost got it, have another go.

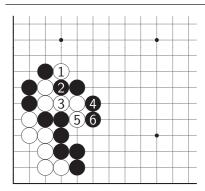
Diagram 182 (Move: 1) Black to play.

https://gogameguru.com/



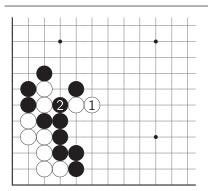
Correct

**Diagram 183** (Moves: 1-7)



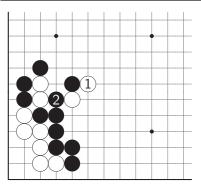
Correct

Variation 273 for White 2



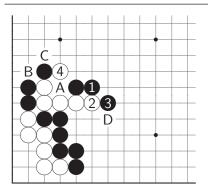
Correct

Variation 274 for White 2



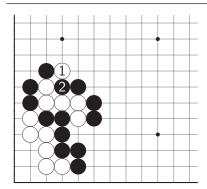
Correct

 $Variation\ 275\ for\ White\ 2$ 



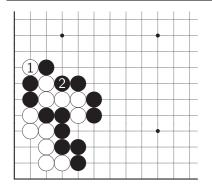
Next if Black cuts at A, White can atari at B and capture two stones. If Black plays C instead, White can keep fighting at D, or just connect at A. Black had a way to capture the cutting stones instead.

Variation 276 for Black 3



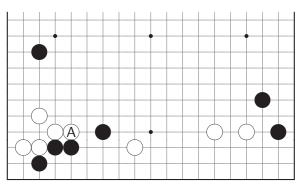
Correct

Variation 277 for White 6



Correct

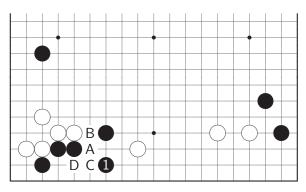
Variation 278 for White 6



**Diagram 184** (Move: 1)

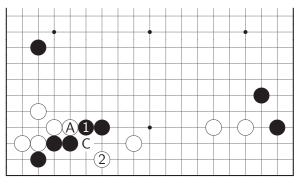
Black to play.

 $\rm https://gogameguru.com/$ 



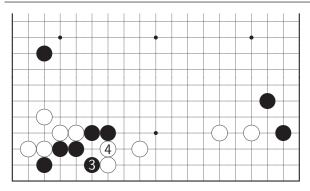
Correct. This is the best shape, because it gives Black the best potential for making eyes later. A and B are miai for Black now. If White tries to play A-C, **①** captures White's stones.

**Diagram 185** (Move: 1)



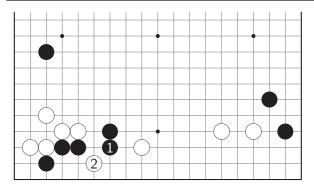
White plays on the vital point and Black's group becomes weak. Notice the relationship between A and B - the point at C can only ever become a false eye now.

Variation 279 for Black 1



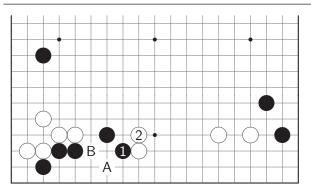
If the game continues like this, Black doesn't have much room to make eyes, so the whole group may be in trouble later.

Variation 280 for Black 1



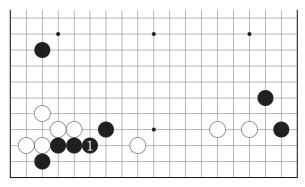
Variation 281 for Black 1

Later on there's still a vital point here...



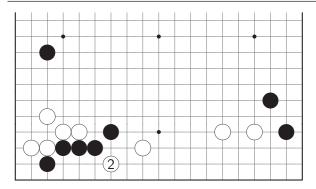
Making this exchange helps White. In addition, Black still has weaknesses at A and B, so Black hasn't developed a good shape and still has to play another move here. In some situations White might choose to play at A or B immediately after Black kicks with the diagonal attachment.

Variation 282 for Black 1



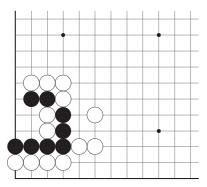
This move is uninspired.

Variation 283 for Black 1



Later on White can play here and Black doesn't have much eyespace, so the group will be weak.

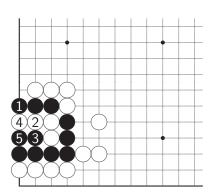
 $Variation\ 284\ for\ Black\ 1$ 



**Diagram 186** (Move: 1)

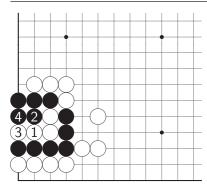
Black to play.

https://gogameguru.com/



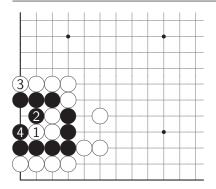
Correct

**Diagram 187** (Moves: 1-5)



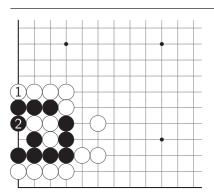
Correct

Variation 285 for White 2

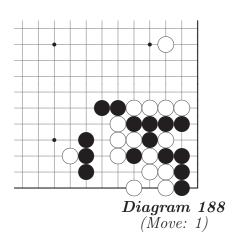


Correct

Variation 286 for White 2

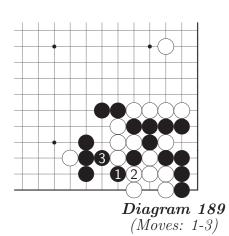


 $Variation\ 287\ for\ White\ 4$ 

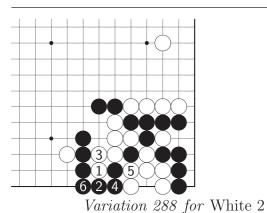


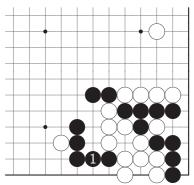
Black to play.

https://gogameguru.com/



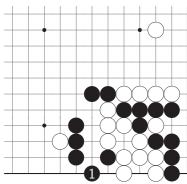
Correct. White has one eye and one false eye.





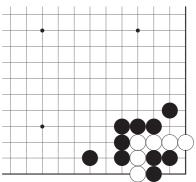
Correct

Variation 289 for Black 3



Also correct.

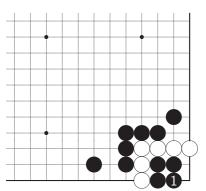
 $Variation\ 290\ for\ Black\ 3$ 



**Diagram 190** (Move: 1)

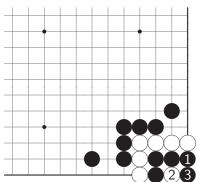
Black to play.

https://gogameguru.com/



**Diagram 191**(Move: 1)

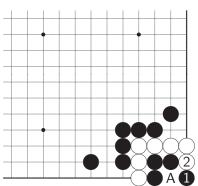
Correct. Now, even if White captures the four stones, it won't be possible to make two eyes.



Variation 291 for Black 1

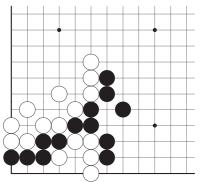
4 at 2.

White's alive.



Variation 292 for Black 1

Black can't connect at A. If he could, he wouldn't have any liberties and his stones would be captured. After that, it would be Whites turn and White could play at A to make two eyes.



**Diagram 192** (Move: 1)

Black to play.

https://gogameguru.com/

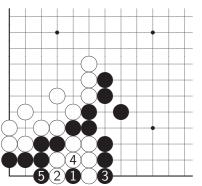
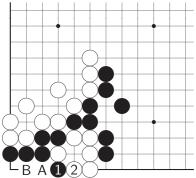
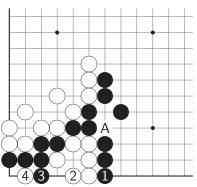


Diagram 193 (Moves: 1-5) Correct. Black wins the capturing race.



Variation 293 for Black 1



Variation 294 for Black 1



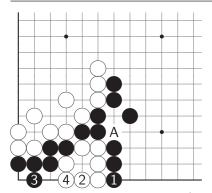
This is a seki, and Black has to worry about the

This is a seki, and Black has to worry about the

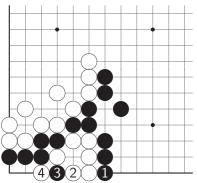
weakness at A now.

weakness at A now.

Now Black has to fight a ko here. If Black just connects at A, White will atari at B and it's still a ko.

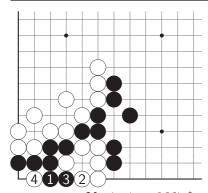


Variation 295 for Black 1

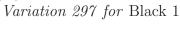


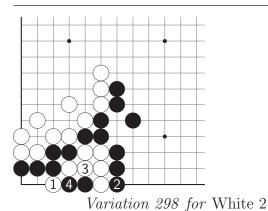
Black doesn't have enough liberties to make a ko, so Black dies.

Variation 296 for Black 1

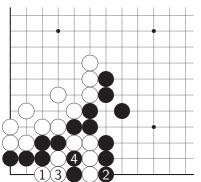


Now Black has to fight a ko, but Black can do better.



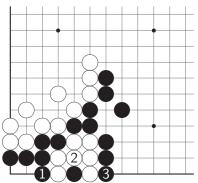


Correct. Black captures the cutting stones.



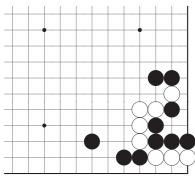
Correct. Black captures the cutting stones.

Variation 299 for White 2



Correct. Black wins the capturing race.

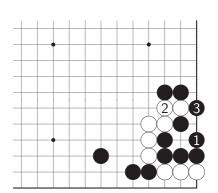
Variation 300 for Black 3



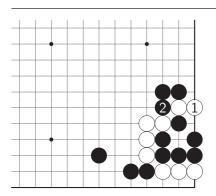
**Diagram 194** (Move: 1)

Black to play.

https://gogameguru.com/

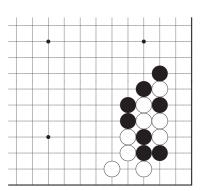


**Diagram 195** (Moves: 1-3)



Variation 301 for White 2

Correct



**Diagram 196** (Move: 1)

Black to play.

https://gogameguru.com/



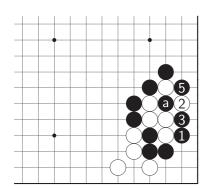
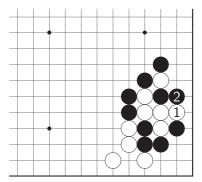
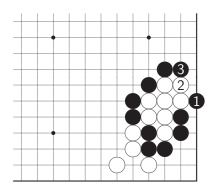


Diagram 197 (Moves: 1-5) 4 at a.

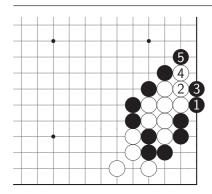


Variation 302 for White 2



Correct

Variation 303 for Black 5



Correct

Variation 304 for Black 5

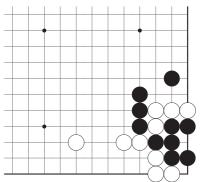
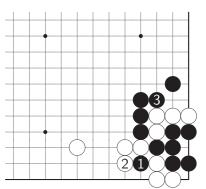


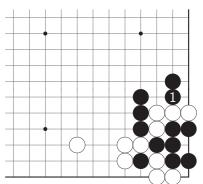
Diagram 198
(Move: 1)

Black to play.

https://gogameguru.com/

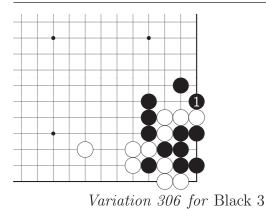


**Diagram 199** (Moves: 1-3)



 ${\bf Correct}$ 

Variation 305 for Black 3



Correct

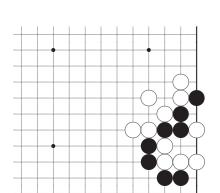
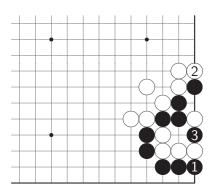


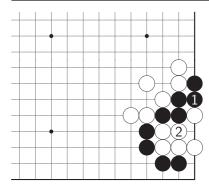
Diagram 200 (Move: 1) Black to play.

https://gogameguru.com/



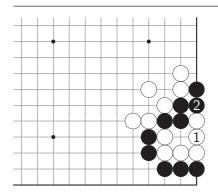
Correct

**Diagram 201** (Moves: 1-3)



It's a ko, but Black can do better.

 $Variation \ 307 \ for \ Black \ 1$ 



Correct

Variation 308 for White 2

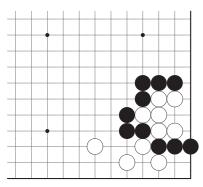
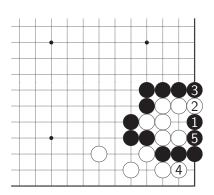
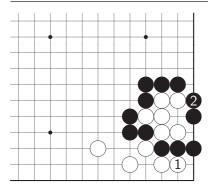


Diagram 202 (Move: 1) Black to play.



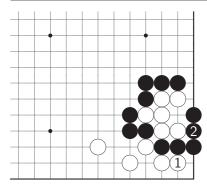
Correct

**Diagram 203** (Moves: 1-5)



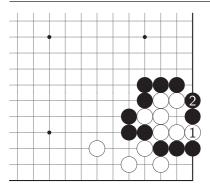
Correct

Variation 309 for White 2



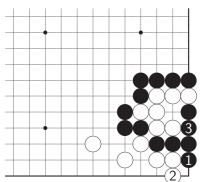
Correct

Variation 310 for White 2



Correct

 $Variation \ 311 \ for \ White \ 2$ 



Variation 312 for Black 5

Correct

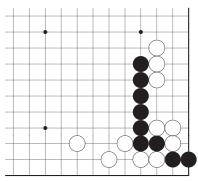


Diagram 204 (Move: 1) Black to play.

 $\rm https://gogameguru.com/$ 

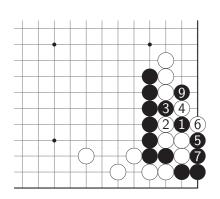
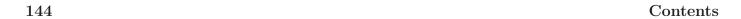
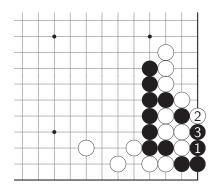


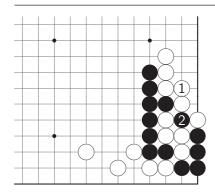
Diagram 205 (Moves: 1-9) (8) at **1**.





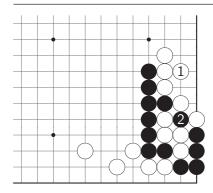
Correct

Variation 313 for Black 5



Correct

Variation 314 for White 8



Correct

 $Variation\ 315\ for\ White\ 8$ 

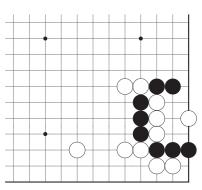
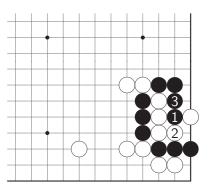
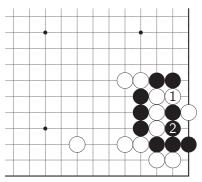


Diagram 206 (Move: 1) Black to play.

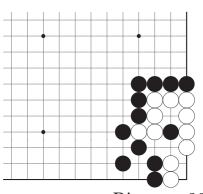


**Diagram 207** (Moves: 1-3)

Correct



Variation 316 for White 2



**Diagram 208**(Move: 1)

Correct

Black to play.

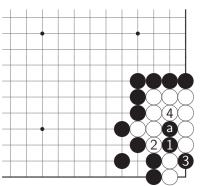
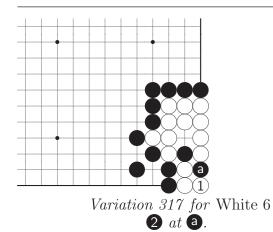


Diagram 209 (Moves: 1-7) 5, 7 at 1, 6 at 3.

Correct



Correct

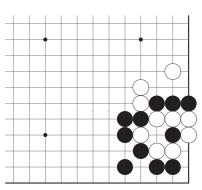
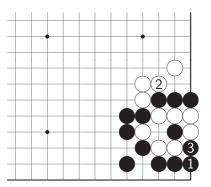
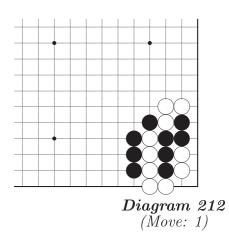


Diagram 210 (Move: 1) Black to play.



**Diagram 211** (Moves: 1-3)

Correct



Black to play.

https://gogameguru.com/

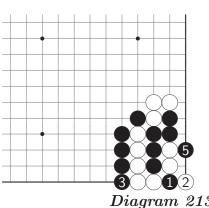
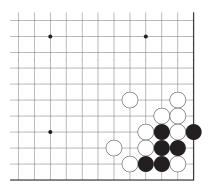


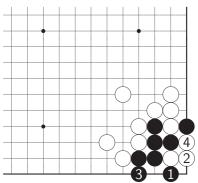
Diagram 213 (Moves: 1-5) (4) at 1.



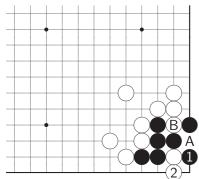
**Diagram 214** (Move: 1)

Black to play.

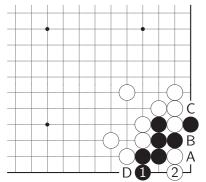
https://gogameguru.com/



**Diagram 215** (Moves: 1-4)



Variation 318 for Black 1

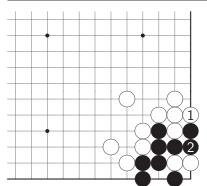


Variation 319 for Black 1

Now White can't play here, right?

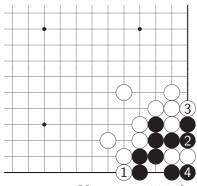
Black can't make two eyes now. A is a false eye because it's not connected to the rest of the group with a Black stone at B.

Black can't make two eyes now. Later if White wants to take these stones off the board for some reason, White can exchange A for B, then fill the outside liberties with C and D. Capturing White's stones will only give Black one eye.



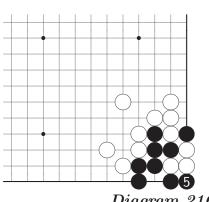
Correct

Variation 320 for White 4

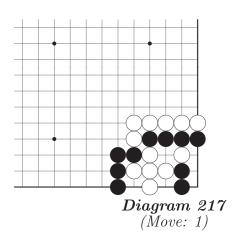


Correct

Variation 321 for White 4

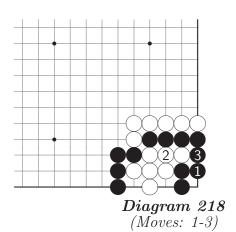


**Diagram 216**(Move: 5)

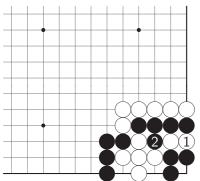


Black to play.

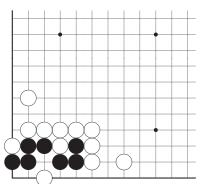
https://gogameguru.com/



Correct. Black wins the capturing race.



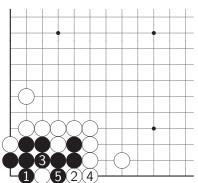
Variation 322 for White 2



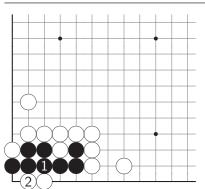
**Diagram 219** (Move: 1)

Black to play.

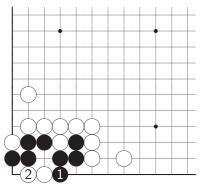
https://gogameguru.com/



**Diagram 220** (Moves: 1-5)



Variation 323 for Black 1

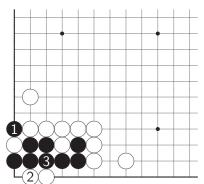


Variation 324 for Black 1

Correct. Black lives with two eyes.

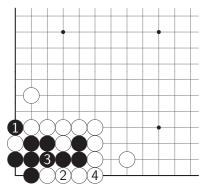
Black only has one eye, so Black's dead.

Black only has one eye, so Black's dead.



Variation 325 for Black 1

Capturing at A only makes a false eye, so Black's already died.



Variation 326 for Black 3

Capturing at A only makes a false eye, so Black dies.

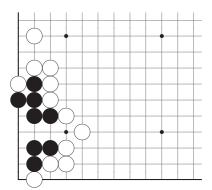
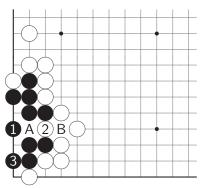
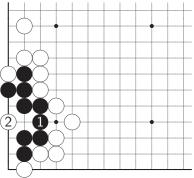


Diagram 221 (Move: 1) Black to play.

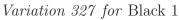


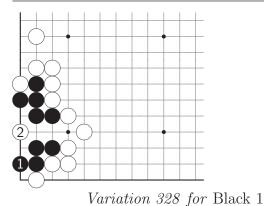
Correct. If White plays at A Black can capture at B. If White plays at B, Black connects at A, so Black's alive with two eyes.

**Diagram 222** (Moves: 1-3)

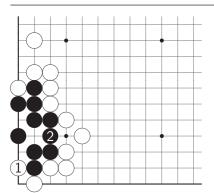


Black can't make two eyes now.





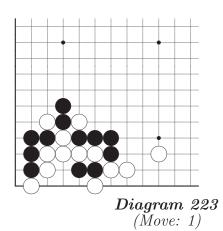
This is the vital point. Black will die after White plays here.



Correct

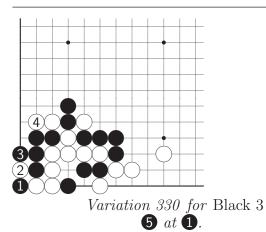
Variation 329 for White 2

Black to play.



https://gogameguru.com/

Correct



It's a ko, but Black can do better.

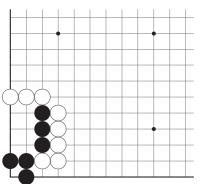
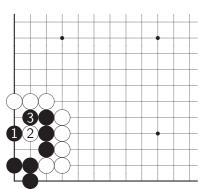
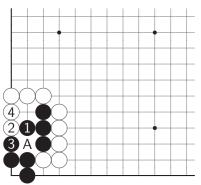


Diagram 225 (Move: 1) Black to play.

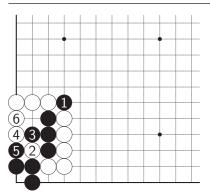
https://gogameguru.com/



**Diagram 226** (Moves: 1-3)



Variation 331 for Black 1

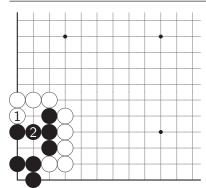


Variation 332 for Black 1

Correct

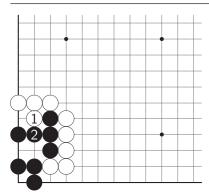
A is a false eye, so Black's group will be captured.

White can capture Black's stones now, so the cutting stone Black played loses its value.



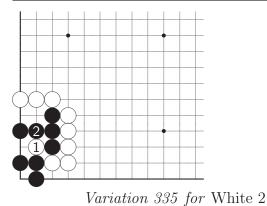
Correct

Variation 333 for White 2

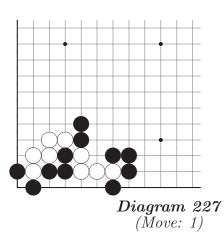


Correct

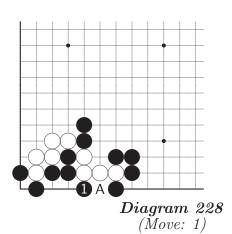
Variation 334 for White 2



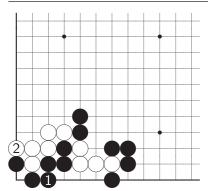
Correct



Black to play.

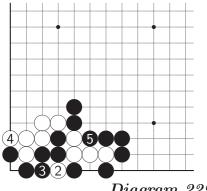


Correct. White can't cut at A because she'll atari herself.



Now White can fight a ko, but Black could have avoided that.

 $Variation\ 336\ for\ Black\ 1$ 



**Diagram 229** (Moves: 2-5)

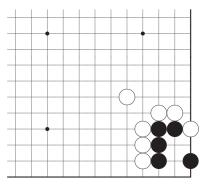
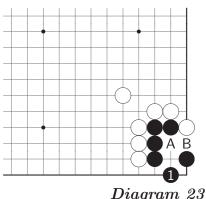


Diagram 230 (Move: 1)

Black to play.

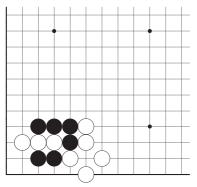
https://gogameguru.com/



**Diagram 231** (Move: 1)

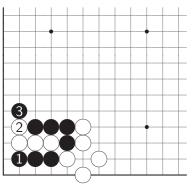
Correct

A and B are miai for Black now.



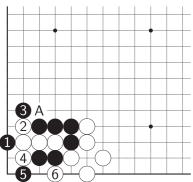
**Diagram 232** (Move: 1)

Black to play.



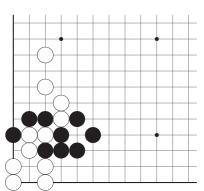
**Diagram 233** (Moves: 1-3)

Correct. White only has two liberties and all of Black's groups have more than that. No matter what White does next, Black can atari.



Variation 337 for Black 1

This variation is even worse for Black than the previous one because White's stones are safe and Black still has to worry about White cutting at A.



**Diagram 234** (Move: 1)

Black to play.

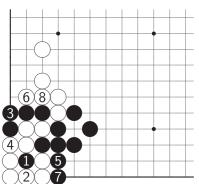
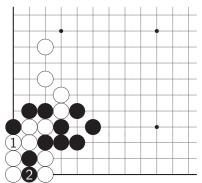
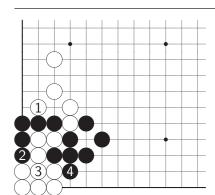


Diagram 235 (Moves: 1-9) **9** at **1**.

Correct

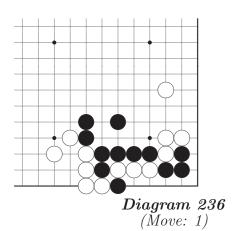


Variation 338 for White 2



Variation 339 for White 4

Correct



Black to play.

https://gogameguru.com/

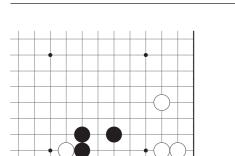
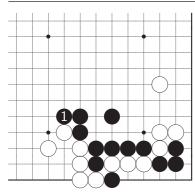


Diagram 237 (Moves: 1-3)

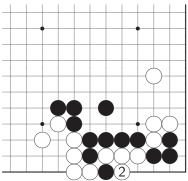
**3** at **a**.

Correct



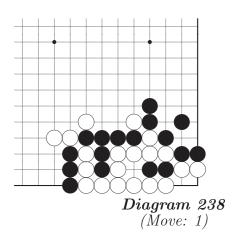
Variation 340 for Black 1

Turning like this is often a good move, but in this case,



Variation 341 for Black 1

White will play here and now Black's corner stones are captured.



Black to play.

https://gogameguru.com/

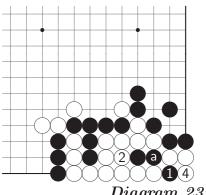
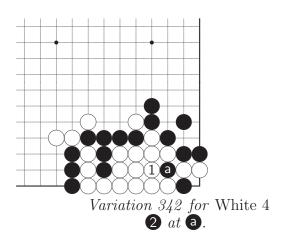
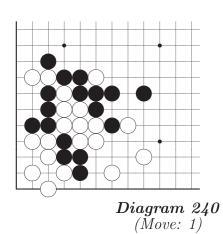


Diagram 239
(Moves: 1-5)

**3** at **3**, **5** at **1**.

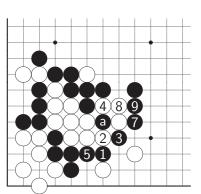


Correct



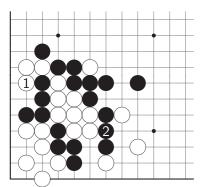
Black to play.

https://gogameguru.com/



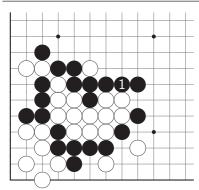
Correct

Diagram 241 (Moves: 1-9) 6 at **a**.



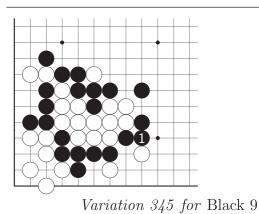
Correct

Variation 343 for White 2



Correct

Variation 344 for Black 9



This is also possible, but there's a better one.

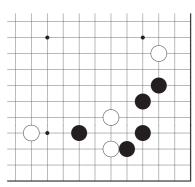
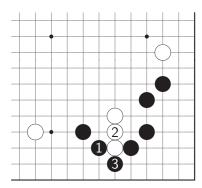


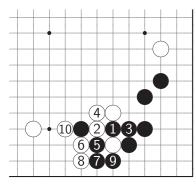
Diagram 242 (Move: 1) Black to play.

How can Black connect his all stones?



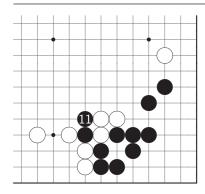
Correct

**Diagram 243** (Moves: 1-3)



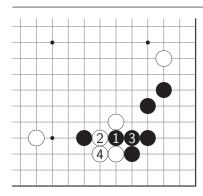
This is a kind of net, not really a ladder.

Variation 346 for Black 1



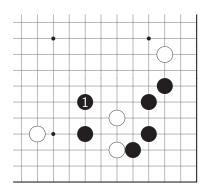
If Black tries to escape...

 $Variation \ 347 \ for \ Black \ 1$ 



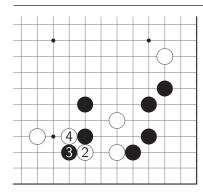
This is also good for White.

 $Variation \ 348 \ for \ Black \ 1$ 



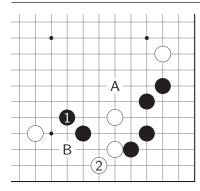
Black can attack on a large scale too.

Variation 349 for Black 1



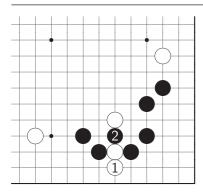
White can manage the situation lightly like this. Other moves are possible too.

Variation 350 for Black 1



A and B are miai for White next.

Variation 351 for Black 1



Correct

Variation 352 for White 2

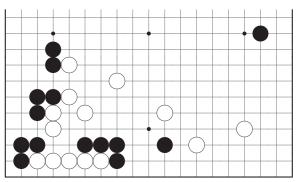
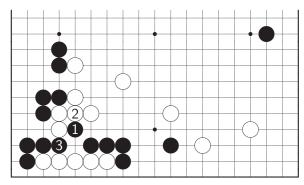


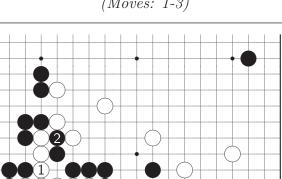
Diagram 244 (Move: 1)

Black to play.

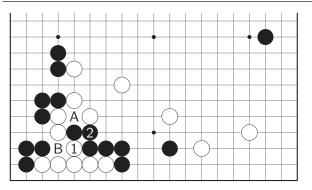
https://gogameguru.com/



**Diagram 245** (Moves: 1-3)



Variation 353 for White 2

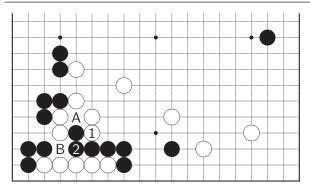


Variation 354 for White 2

Correct

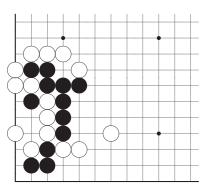
Correct

Correct. A and B are still miai for Black.



Variation 355 for White 2

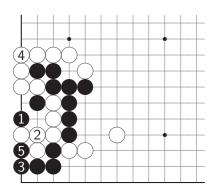
Correct. A and B are still miai for Black.



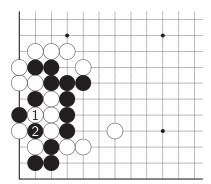
**Diagram 246** (Move: 1)

Black to play.

https://gogameguru.com/

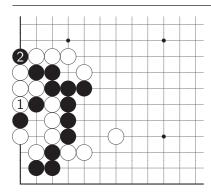


**Diagram 247** (Moves: 1-5)



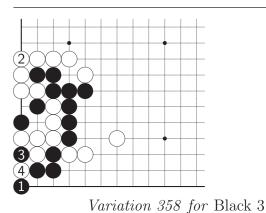
Correct

Variation 356 for White 2

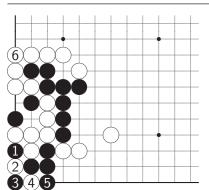


Correct

Variation 357 for White 2

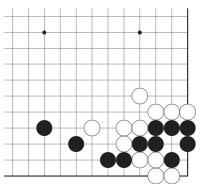


It's a ko, but Black can do better.



White doesn't need to fight a ko.

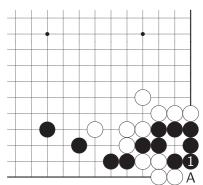
Variation 359 for Black 3



**Diagram 248** (Move: 1)

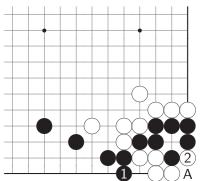
Black to play.

https://gogameguru.com/

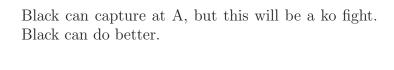


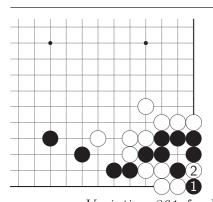
**Diagram 249** (Move: 1)

Correct. Now White doesn't have enough liberties to atari at A.



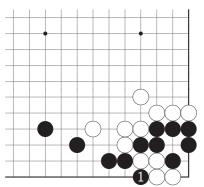
Variation 360 for Black 1





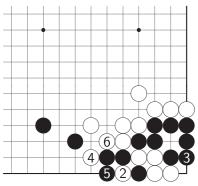
 $Variation \ 361 \ for \ Black \ 1$ 

It's a ko, but Black can do better.



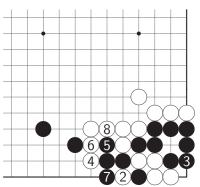
This move helps White.

Variation 362 for Black 1



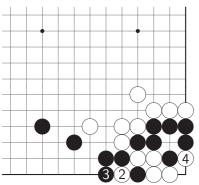
Black still has a ko, but playing like this is unnecessary

Variation 363 for Black 1



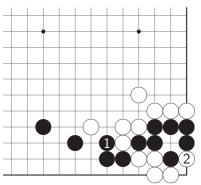
Black still has a ko, but playing like this is unnecessary

Variation 364 for Black 1



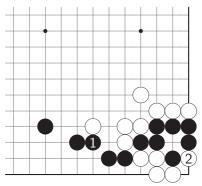
If Black wants a ko, he'll get one, but Black can avoid ko completely.

Variation 365 for Black 1



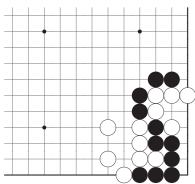
It's a ko fight, but Black can do better.

Variation 366 for Black 1



It's a ko fight, but Black can do better.

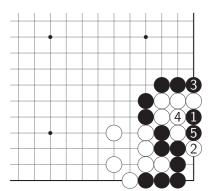
Variation 367 for Black 1



**Diagram 250** (Move: 1)

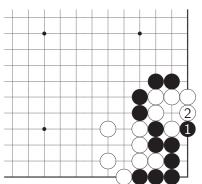
Black to play.

https://gogameguru.com/



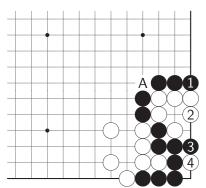
**Diagram 251** (Moves: 1-5)

 ${\bf Correct}$ 



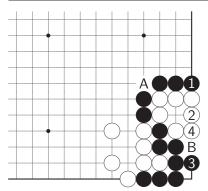
White can resist with a ko. Can you do better?

Variation 368 for Black 1



This is a seki, but now Black has to worry about the cutting point at A.

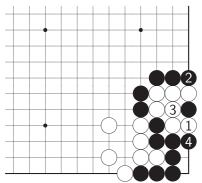
Variation 369 for Black 1



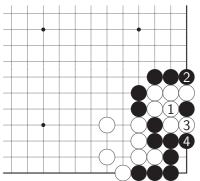
cutting point at A. White could also have chosen to fight a ko at B.

This is a seki, but now Black has to worry about the

Variation 370 for Black 1

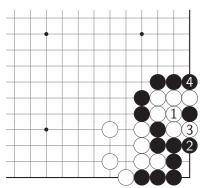


Variation 371 for White 2



Correct

Variation 372 for White 2



Correct

Variation 373 for White 2

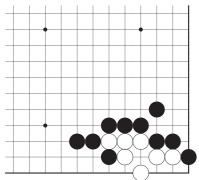
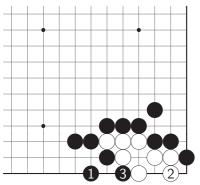


Diagram 252
(Move: 1)

Black to play.

https://gogameguru.com/



**Diagram 253** (Moves: 1-3)

Correct. Black doesn't have to start this sort of ko immediately. It might be better to leave it as a time bomb. If White defends, Black will get to play two moves in a row somewhere else.

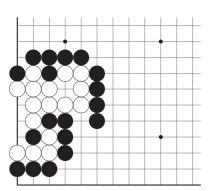


Diagram 254 (Move: 1)

Black to play.

https://gogameguru.com/

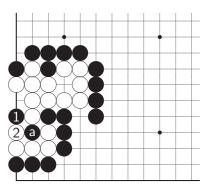
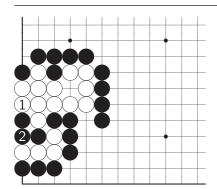


Diagram 255 (Moves: 1-3) 3 at a.

Correct



Variation 374 for White 2

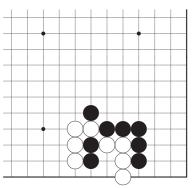
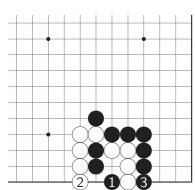


Diagram 256
(Move: 1)

Black to play.

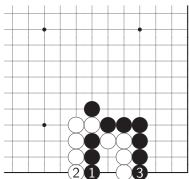
https://gogameguru.com/



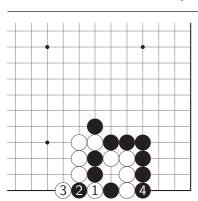
**Diagram 257** (Moves: 1-3)



Correct

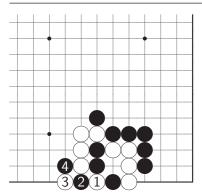


Variation 375 for Black 1



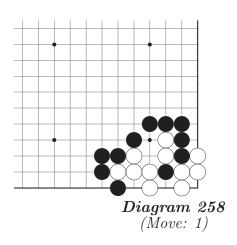
Variation 376 for White 2

It's a seki, but Black can do better.



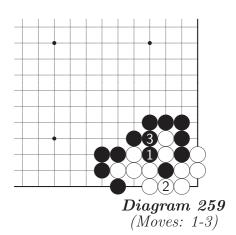
It's a ko, but it's unnecessary for Black to fight a ko here.

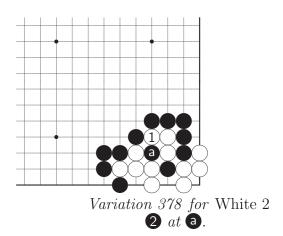
Variation 377 for White 2 5 at 1.



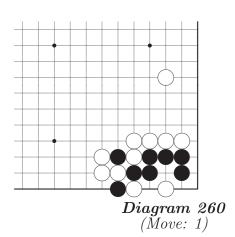
Black to play.

 $\rm https://gogameguru.com/$ 



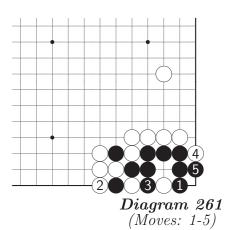


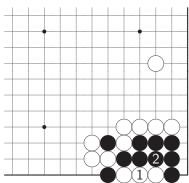
Correct



Black to play.

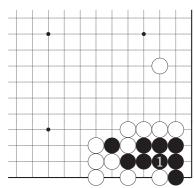
https://gogameguru.com/





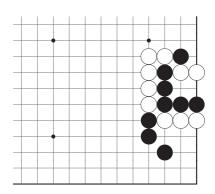
Correct

Variation 379 for White 2



Correct. It's not best though.

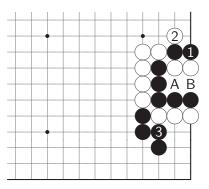
 $Variation \ 380 \ for \ Black \ 3$ 



Black to play.

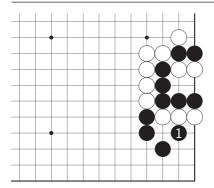
https://gogameguru.com/

 $\begin{array}{c} \textbf{\textit{Diagram 262}} \\ (\textit{Move: 1}) \end{array}$ 



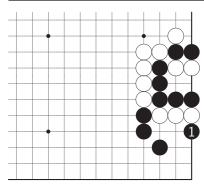
Correct. White doesn't have enough liberties to a tari at A or B, so Black will win the capturing race.

**Diagram 263** (Moves: 1-3)



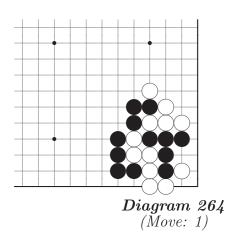
Correct

Variation 381 for Black 3

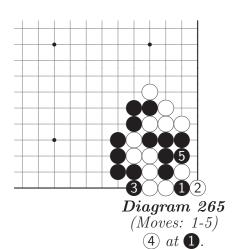


Correct

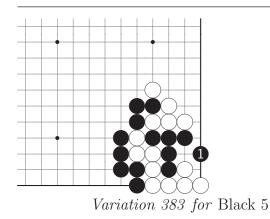
Variation 382 for Black 3



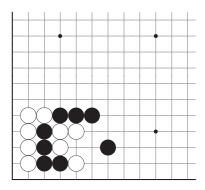
Black to play.



Correct



Correct, but not the best. White has one more liberty.



**Diagram 266** (Move: 1)

Black to play.

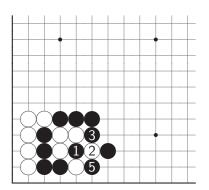
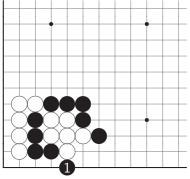


Diagram 267 (Moves: 1-5) (4) at (1).

Correct



Variation 384 for Black 5

Correct

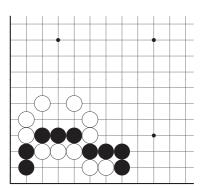
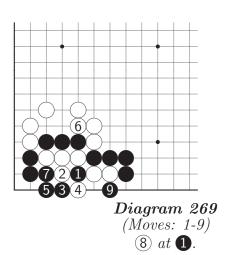
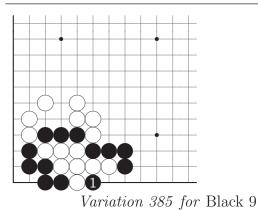


Diagram 268 (Move: 1)

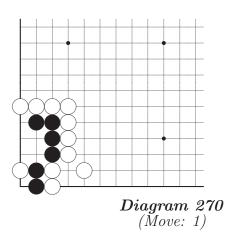
Black to play.



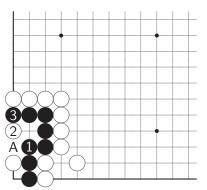
Correct



Correct

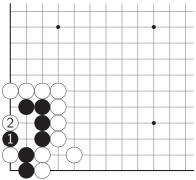


Black to play.



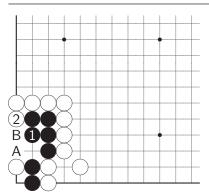
Correct. Even if White plays at A next, Black's still alive in seki: http://senseis.xmp.net/?seki

**Diagram 271** (Moves: 1-3)



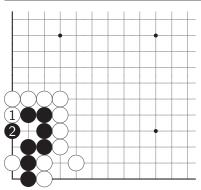
White can also kill Black like this.

Variation 386 for Black 1



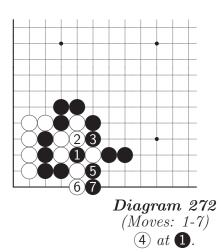
Even if Black plays at A or B next, White can ignore it and Black's still dead.

 $Variation~387~for~{\rm Black}~1$ 

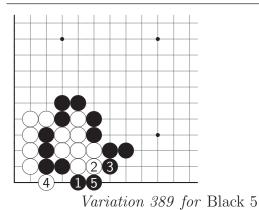


Correct

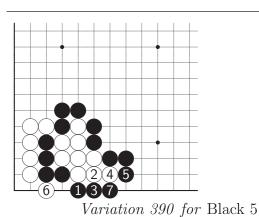
Variation 388 for White 2



Correct



Correct



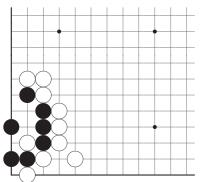
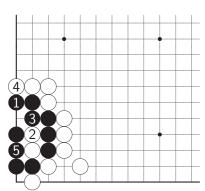
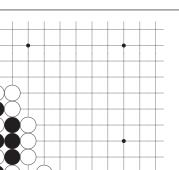


Diagram 273 (Move: 1) Black to play.

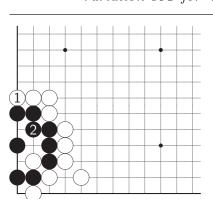
https://gogameguru.com/



**Diagram 274** (Moves: 1-5)



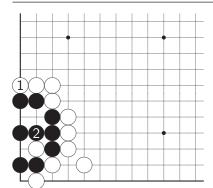
Variation 391 for White 2



Variation 392 for White 2

 ${\bf Correct}$ 

Correct



 ${\bf Correct}$ 

Variation 393 for White 2

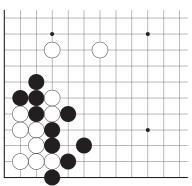


Diagram 275 (Move: 1) Black to play.

 $\rm https://gogameguru.com/$ 

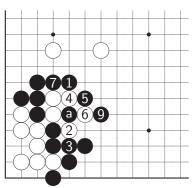
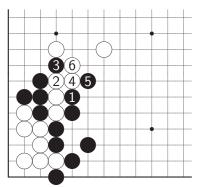
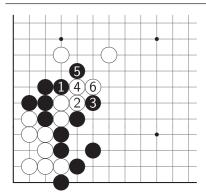


Diagram 276 (Moves: 1-9) (8) at (a).



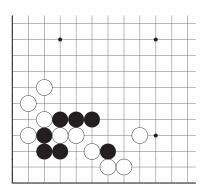
This ladder doesn't work for Black.

Variation 394 for Black 1



This ladder doesn't work for Black.

Variation 395 for Black 1

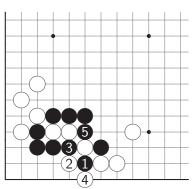


Black to play.

How can Black of

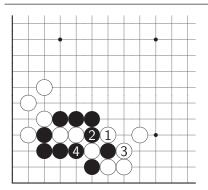
How can Black capture the cutting stones? https://gogameguru.com/

Diagram 277 (Move: 1)



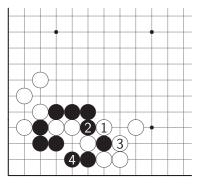
Correct

**Diagram 278** (Moves: 1-5)

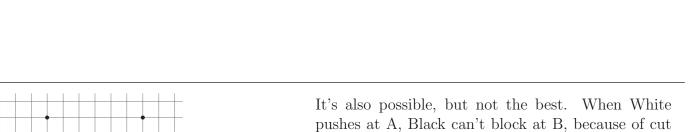


Variation 396 for White 2

Correct



Variation 397 for White 2



at C.

Also correct.

Variation 398 for Black 5