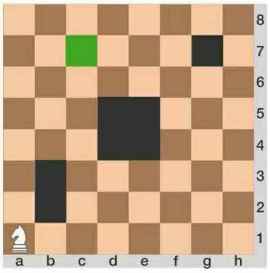
CHESS

Chess Tactical: Level 2 Challenges

In this chessboard, considering that the knight cannot walk into the black squares, what is the minimum number of steps it needs to go from a1 to c7?

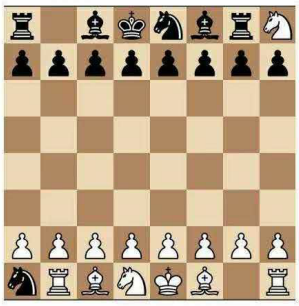


3 tries left

Type your answer.

Chess Tactical: Level 2 Challenges

In the following position, how can checkmate be given in 1 move?



If the bottom left corner is denoted by $(1, 1)$, what is the target square of the last move?

- This game starts from the standard position, and we arrived at this position using the standard rules of chess.
- You have to determine who is to play.

- ◯ $(3, 2)$
- ◯ $(6, 7)$

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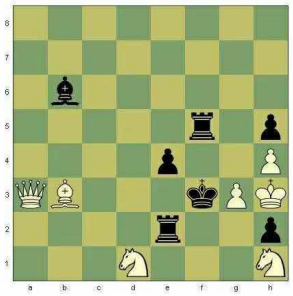

It's White's turn. Assuming optimal play, which piece should White move?

- ◯ Bishop in b3
- ◯ Knight in h1
- ◯ Queen in a3
- ◯ Pawn in g3
- ◯ Knight in d1

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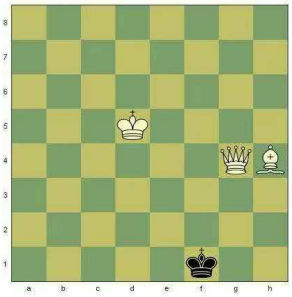


It's White's turn. Assume Black plays optimally. What is the minimum number of moves to checkmate the black king?

- ◯ 3
- ◯ 4
- ◯ 5
- ◯ None of the rest

After fixing their microverse battery, Rick, Morty, and Summer go out to eat ice cream. They each like one distinct flavor: Pink Peppercorn, Chocolate, or Green Tea.

- If Summer likes the Pink Peppercorn flavor and,
- Rick doesn't like the Green Tea flavor,

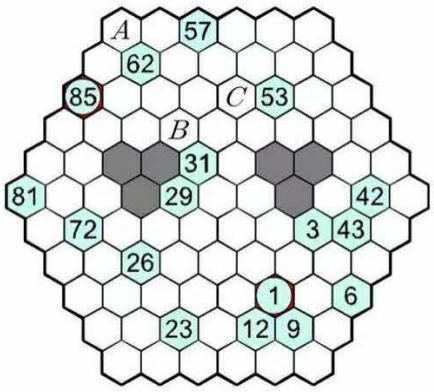
What flavor does Morty like?

- ◯ Green Tea
- ◯ Chocolate
- ◯ Pink Peppercorn

It's Alice's birthday, and today is her birthday party. Alice's father orders one large, rectangular sheet pizza for everyone to eat, but unfortunately, none of the kids like the crust! If each row of the pizza has 10 slices, and each column of the pizza has 8 slices, and no one eats the slices that have crust (AKA the edge pieces), how many slices are left over at the end of the party?

3 tries left

Type your answer.



The picture above shows a Hidato puzzle. The aim of the puzzle is to fill each white/light blue cell with an integer between 1 and 85 (inclusive) so that each integer appears exactly once and consecutive integers appear in adjacent cells.

Let the number that takes place of the cell marked A be denoted A, and so forth.

What is the value of $A + B + C$?

3 tries left

Type your answer.