



Visualisation

Problems 13-21: Visualizing Knight Moves

For each problem, a starting square and an ending square are listed. Find the shortest path for a knight to move from the first square to the second one. There will often be more than one correct answer. A solution for Problem 13 is provided as an example.

Special Instructions for Problems 13-21

Levels 1-2: Use the chess diagram on the right to help you solve these problems. Ignore the Xs!

Levels 3-4: You may look at the diagram on the right for help. BUT, you must find answers that use NONE of the squares on the main diagonals. The squares you may not use in your answers are marked by Xs.

Levels 5-6: Don't look at a chessboard or diagram! Solve these by visualizing a chessboard. All squares (including the diagonals) may be used.

13 a7 - b5 - c7 - a6 **14** b1 _____ c2 **15** e8 _____ g6

16 e6 _____ d6 **17** g6 _____ g4 **18** d3 _____ g6

19 c5 _____ f5 **20** h4 _____ h3 **21** f2 _____ g3

Cognitive Chess

Day 14:

66. White: ♖b2, ♗h3. Black: ♜g3, ♠f6, ♙f5. Can the queen be safely moved to f6? Solution: No.

67. White: ♙f5. Black: ♜g8. How would you move? Solution: 1. ♙f6.

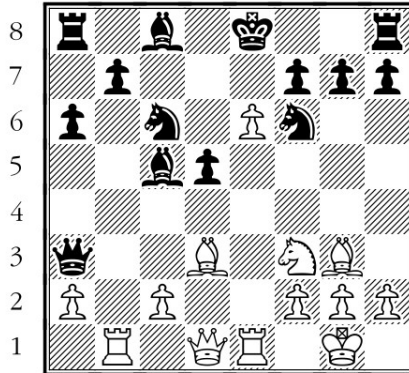
68. White: ♜b7. White to move. What should you play? Solution: ♜b6.

69. Play out the game at the board: 1. ♙f6 2. ♜c3 3. ♙e4?? White to move.

8 Queens


www.professorchess.com

Homework Sheet 1 (Side 2)



- a b c d e f g h
1. e6xf7+ Kxf7 (Levels 3-4)
 2. Bh4 Nb4 (Levels 5-6)

Problems 9-12: More Captures and Checks

9

Write every way White could make a capture:

10

Write every way Black could make a capture:

11

Write every way White could give check:

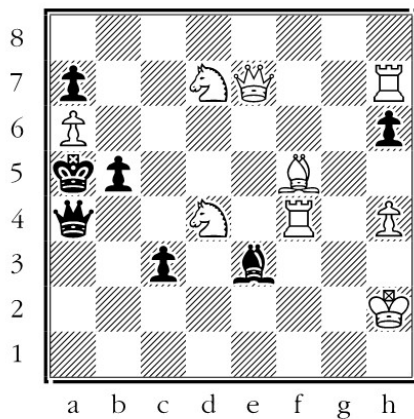
12

Write every way Black could give check:

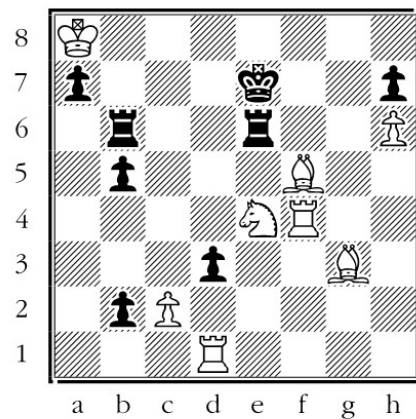
Checks and captures



Count them!

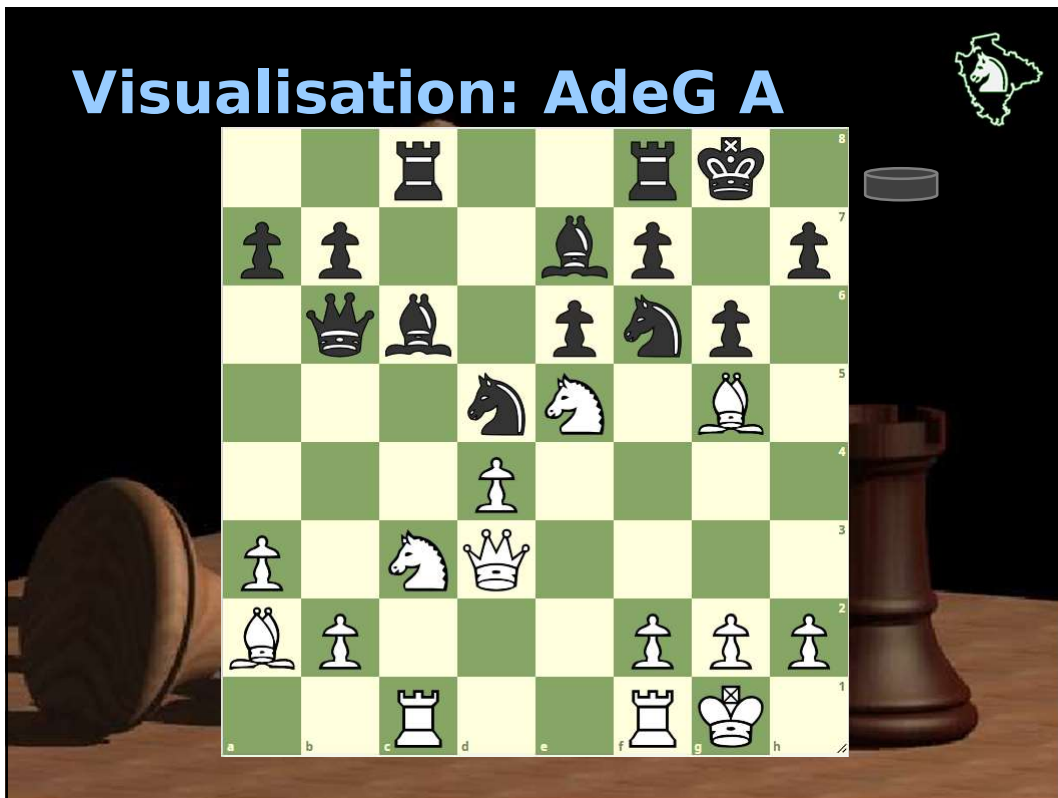


a b c d e f g h

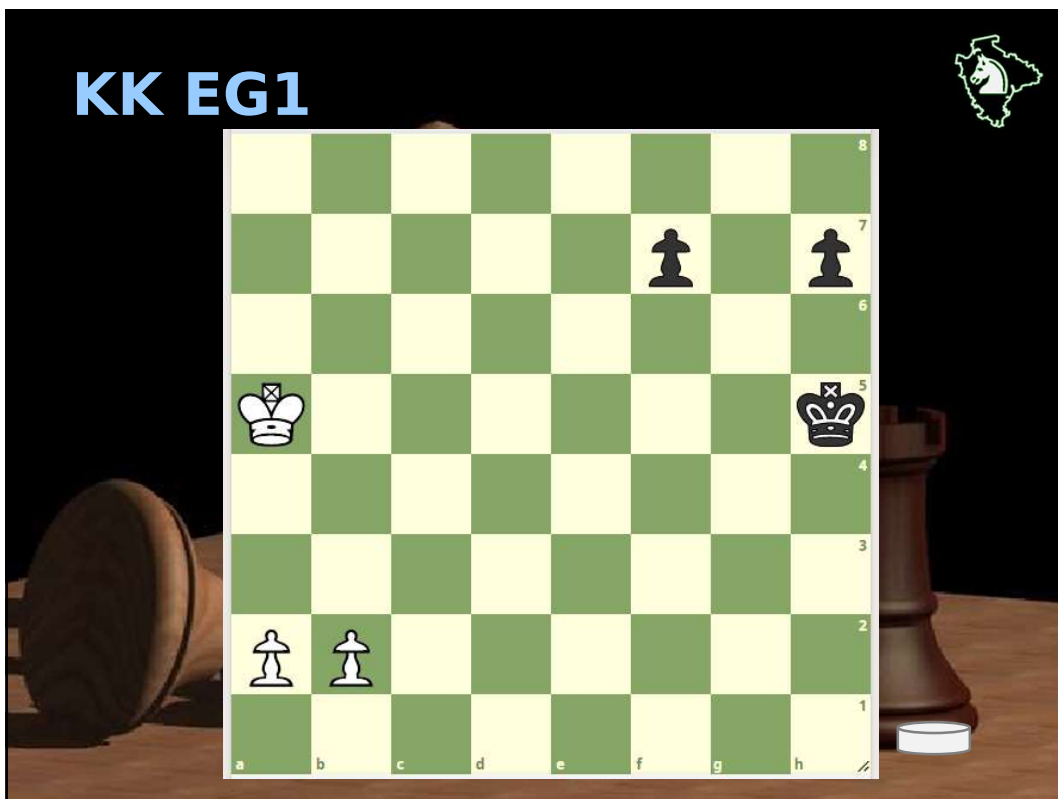


a b c d e f g h

Visualisation: AdeG A



KK EG1



Visualisation tips



- ❖ **Fuzzy? Stop and start again**
- ❖ **Bookmarking positions**
- ❖ **Noticing captures to help fix a position**
- ❖ **Practice alongside tactics training**
- ❖ **Reading books without a board**
- ❖ **Blindfold chess?**