

YOUR MOVE!

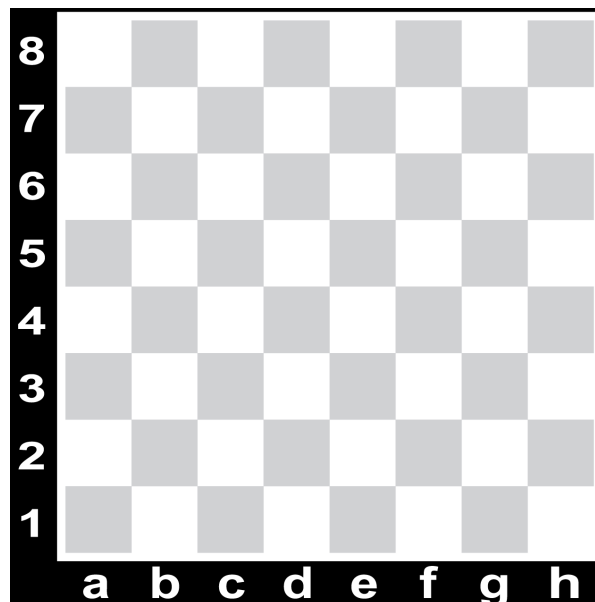
Assume you have a pawn in starting position. With all normal-play rules and only moving the one pawn,

- 1) What is the LEAST number of moves it would take to reach the 8th row (called a rank in chess) of the board? _____

Draw your moves on the board.

- 2) What is the MOST number of moves it could take to reach the 8th rank of the board? _____

Draw your moves on the board.



Assume no pieces will move backward or stay on the same row on their next move, answer these same questions for the following pieces starting from their initial positions.

	LEAST NUMBER OF MOVES	MOST NUMBER OF MOVES
KNIGHT		
ROOK		
BISHOP		
QUEEN		

Challenge: Why is it important that the question mentions that pieces will cannot move backwards or stay on the same rank?

Chess Term

Rank: A row on a chess board.
For example, the squares a3-a8 form a rank.



“YOUR MOVE” ANSWERS

- 1) What is the LEAST number of moves it would take to reach the 8th row (called a rank in chess) of the board? 5

Draw your moves on the board.

- 3) What is the MOST number of moves it could take to reach the 8th rank of the board? 6

Draw your moves on the board.

Assume no pieces will move backward or stay on the same row on their next move, answer these same questions for the following pieces starting from their initial positions.

	LEAST NUMBER OF MOVES	MOST NUMBER OF MOVES
KNIGHT	4	7
ROOK	1	7
BISHOP	2	7
QUEEN	1	7

Challenge: If moving backward or staying on the same rank were allowed, the maximum number of moves for some pieces would be **infinite!** For example, the queen could dance around all over the board before – if ever – making her way to the other side! (Reminder: “Infinity” is the idea that something has no end).

Chess Term

Rank: A row on a chess board.
For example, the squares a3-a8 form a rank.



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