

Place three black and three white chess knights on a 3x4 board as shown in the upper illustration.

The object is to exchange black and white knights in the fewest possible number of their moves (some examples of such moves are shown in the bottom diagrams, a and b).

Moves should be made by black and white knights in turn. And after every move none of the knights should be under attack of any of the knights of the opposite color. Only one knight can be on a square at the same time.

Challenge Info

By: unknown

Version: for Teacher

Grade: 7-8

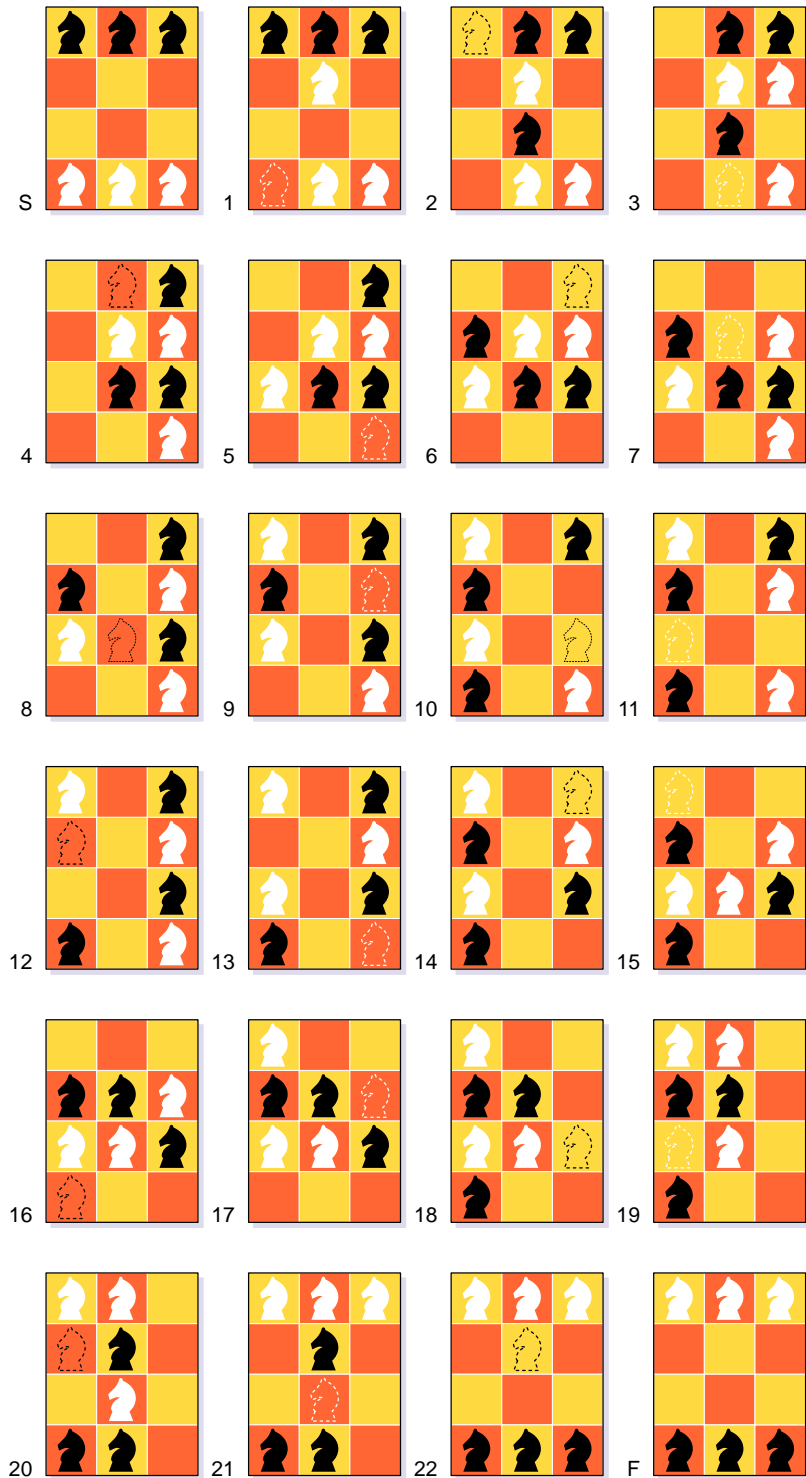
Difficulty level: Medium

Props: 3 black and 3 white chess knights

Source: unknown

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The minimum number of moves for this puzzle is twenty-two - eleven for the black and eleven for the white.