

Chessboard Challenges

You need: a photocopy of the chessboard copymaster, scissors, counters

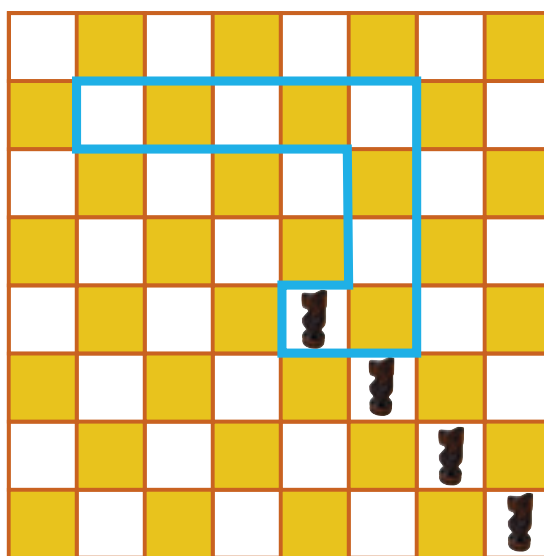
ACTIVITY

Amy's grandmother gives her two very old puzzles to solve. They are not as easy as they look. Can you solve them?



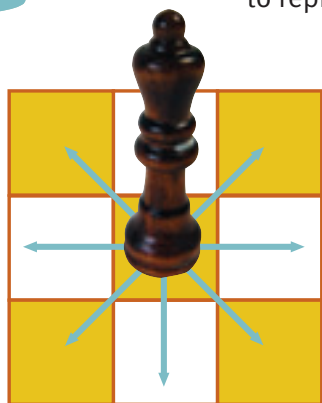
■ Puzzle ONE ■

Cut your copy of the chessboard into four pieces that are identical in shape and size, each with a knight on it. You can't move the knights. To help you, the diagram shows part of one of the pieces.

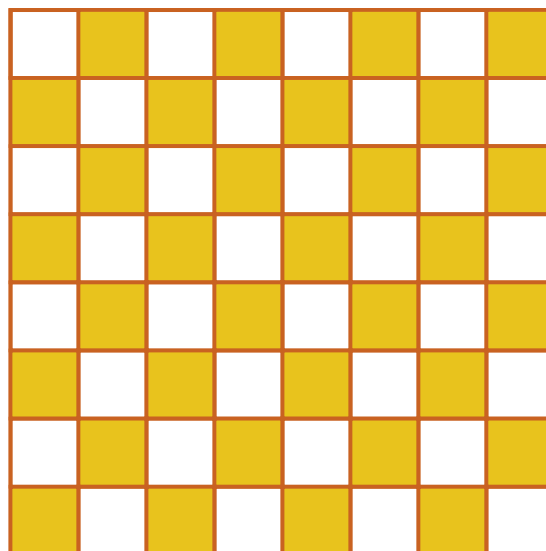


■ Puzzle TWO ■

Place 8 queens on the copymaster chessboard so that they are safe from capture. (This means no more than 1 queen in any line: horizontal, vertical, or diagonal.) Use counters to represent the queens.



The queen can move any number of squares in any direction.



Don't give up – both puzzles *can* be solved!