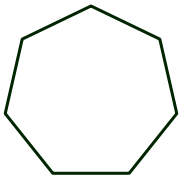
GRADE 4 · SPATIAL AND GEOMETRIC REASONING

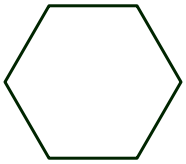
Draw all lines of symmetry of a figure

NAME	DATE	SCORE / 10

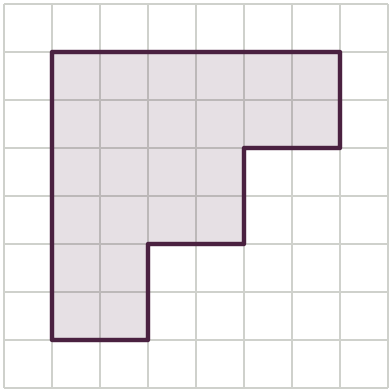
1 Draw every line of symmetry on the shape below. How many lines of symmetry does the shape have?



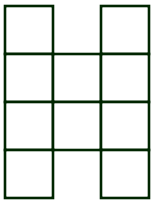
2 Dev drew 3 lines of symmetry on the regular hexagon below: each from a corner to the opposite corner. How many lines of symmetry does the regular hexagon have?



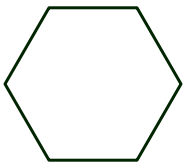
3 Draw every line of symmetry on the shape below. Write the number of lines of symmetry in the box.



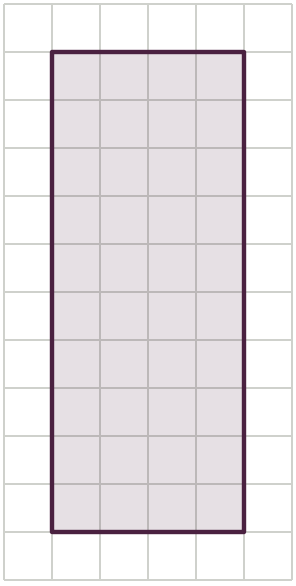
4 Draw every line of symmetry on the shape below. How many lines of symmetry does the shape have?



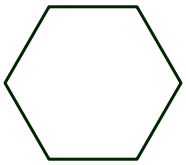
5 Ben drew 3 lines of symmetry on the regular hexagon below: each from a corner to the opposite corner. How many lines of symmetry does the regular hexagon have?



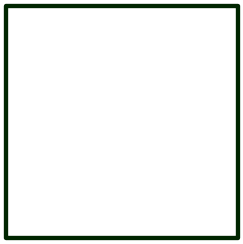
6 Draw every line of symmetry on the shape below. Write the number of lines of symmetry in the box.



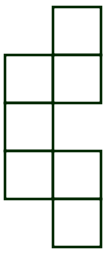
7 Draw every line of symmetry on the shape below. How many lines of symmetry does the shape have?



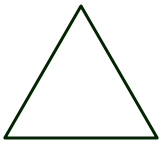
8 Cleo drew 2 lines of symmetry on the square below: one across and one down. How many lines of symmetry does the square have?



9 Draw every line of symmetry on the shape below. How many lines of symmetry does the shape have?



10 Draw every line of symmetry on the shape below. How many lines of symmetry does the shape have?

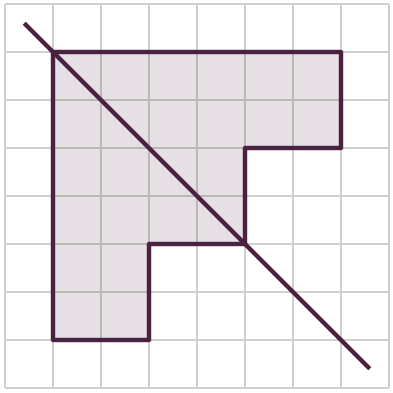


ANSWER KEY · GRADE 4 · SPATIAL AND GEOMETRIC REASONING

Draw all lines of symmetry of a figure

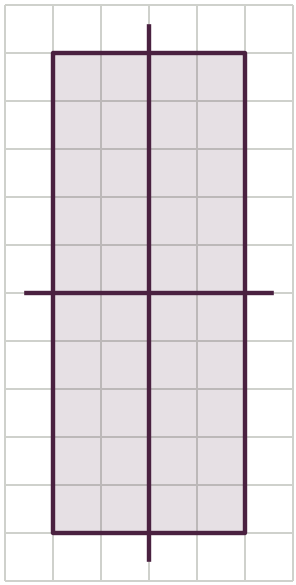
1	7	2	6
4	2	5	6
7	6	8	4
9	1	10	3

3 **A drawing**



What counts as right: Exactly 1 line of symmetry: one slanted from top left to bottom right. It folds the shape so the two halves match exactly, and 1 is written in the box. A line straight down through the middle does not count.

6 A drawing



What counts as right: Exactly 2 lines of symmetry: one straight down through the middle and one straight across through the middle. Each one folds the shape so the two halves match exactly, and 2 is written in the box. The two diagonals do not count: folding along one does not make the halves match.