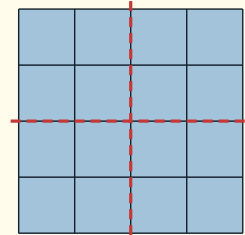


LINES OF SYMMETRY OF A SQUARE

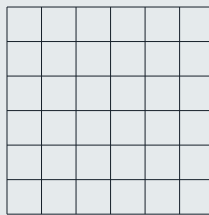
- 1 The dashed line down the middle matches both halves, so that is **1** line of symmetry.
- 2 The dashed line across the middle also matches, so that is **2**.
- 3 Each dashed diagonal matches the halves too, giving **4** lines in all.



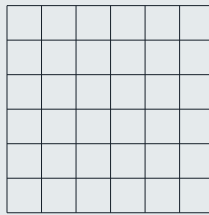
WARM-UP

On the grid, complete each shape so the mirror line makes two matching halves.

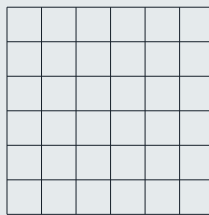
1. Draw a square and rule in all of its lines of symmetry, showing 4 in total.



2. Draw a rectangle and rule in its lines of symmetry, showing 2 in total.

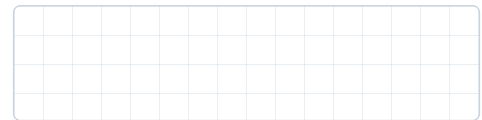


3. Draw the letter X and the letter T, then rule in the line of symmetry each one has.



PRACTICE

- 1 A carpenter is building a square window. How many lines of symmetry can he fold across it?



SPOT THE MISTAKE

Cian marks the lines of symmetry on a rectangle that is not a square:

2 lines through the midpoints of opposite sides
 2 diagonal lines corner to corner
 Total: 4 lines of symmetry

Cian has counted too many. Which lines are not lines of symmetry, and how many does the rectangle really have?