

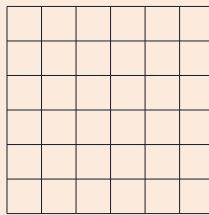
LINES ON A BUILDING SQUARE

- 1 Draw a paper square like a floor tile for a model house.
- 2 Fold it straight down the middle from top to bottom; both halves land exactly on top so this is one line of symmetry.
- 3 Fold it across from left to right; the halves match again for a second line.
- 4 Fold corner to corner on both diagonals; each fold matches too.
- 5 Count every matching fold: the square has 4 lines of symmetry.

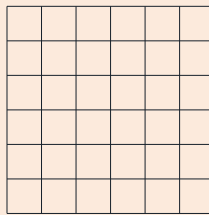
WARM-UP

Use the grid to draw and complete each building shape so it is symmetrical.

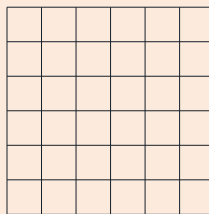
1. Draw all 4 lines of symmetry on the square tile.



2. Complete the rectangle door so it shows its 2 lines of symmetry.



3. Finish the heart decoration across its 1 line of symmetry.



PRACTICE

- 1 When making a square window frame for the dollhouse, Mia folds the paper to find every matching half.

? ALWAYS, SOMETIMES, NEVER

Always, sometimes or never true? Write A, S or N.

- a. A square has four lines of symmetry. ☐
- b. A rectangle has four lines of symmetry. ☐
- c. A line of symmetry is also called a mirror line. ☐
- d. Every shape has at least one line of symmetry. ☐

REFLECT

How do you check that both halves really match across a fold line?

