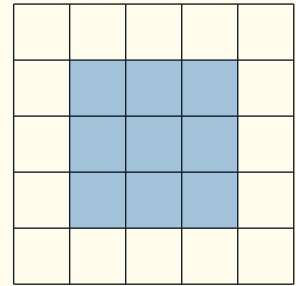


Classifying quadrilaterals – square, rectangle, rhombus, parallelogram and trapezium

NAMING A SQUARE

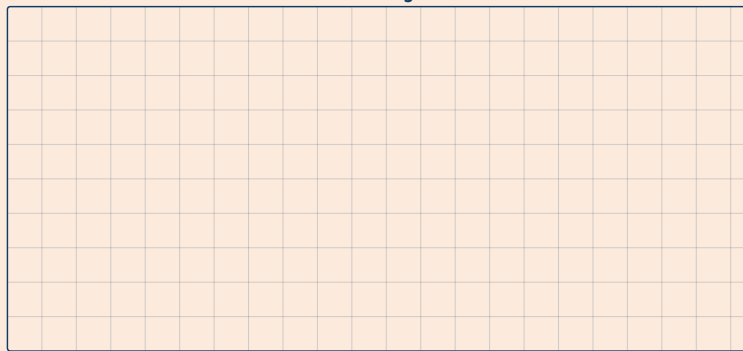
- 1 The shaded shape has 4 straight sides and 4 corners, so it is a quadrilateral.
- 2 All 4 corners are right angles (square corners).
- 3 All 4 sides are the same length (3 units each).
- 4 A shape with 4 right angles and 4 equal sides is a **square**.



WARM-UP

Draw and label each four-sided shape in the squared space, marking equal sides and right-angle corners.

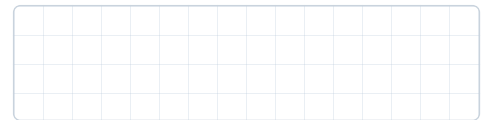
Sorting



1. Draw a square with 4 equal sides and mark its 4 right-angle corners.
2. Draw a rectangle with 2 long and 2 short sides and mark its 4 right-angle corners.
3. Draw a parallelogram by leaning the rectangle over, and mark its 2 pairs of parallel sides.

PRACTICE

- 1 You are building a shape card from 4 straws. Say how many straight sides and how many corners a quadrilateral card has.



SPOT THE MISTAKE

Mia sorts shapes and writes:

A rhombus has 4 equal sides.
A square has 4 equal sides.
So every rhombus is a square.

Find Mia's mistake. What else does a square need?

IRISH FACT The shape of a GAA pitch

A full-size GAA pitch is a giant **rectangle** between **130 m and 145 m** long and **80 m to 90 m** wide — opposite sides equal, four right-angled corners.

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REFLECT Which property helped you most when sorting — equal sides, parallel sides or right angles?