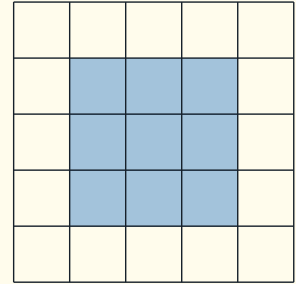


Classifying quadrilaterals – square, rectangle, rhombus, parallelogram and trapezium

NAMING A SQUARE

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



WARM-UP

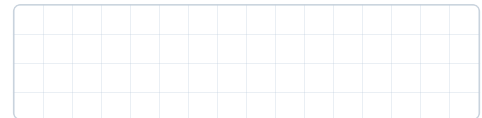
Sort each named shape into the empty grid cell that matches its sides and angles.

	four right angles	no right angles
four equal sides		
two pairs of equal sides		
one pair of parallel sides		

- Write square in the cell for four equal sides and four right angles
- Write rectangle in the cell for two pairs of equal sides and four right angles
- Write rhombus in the cell for four equal sides and no right angles

PRACTICE

- You are building two shape cards from straws. Say how many straight sides and how many corners the two quadrilateral cards have in total.



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?

The mistake _____ Correct answer _____

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?

