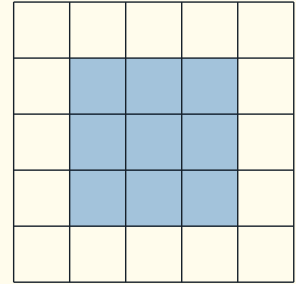


# Classifying quadrilaterals – square, rectangle, rhombus, parallelogram and trapezium

## 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

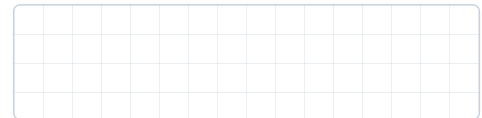
Sort each named shape into the empty grid cell that matches its sides and angles.

|                            |                   |                 |
|----------------------------|-------------------|-----------------|
|                            | 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.

GAA Official Guide



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

