



Summer 2 Week 1

Lesson 2

Starter

How much can you remember about shapes from year 3.

Draw and name a **2D** shape that has:

- 4 sides
- Equal sides
- A right angle



Learning Question:

How can I identify and compare different quadrilateral properties?

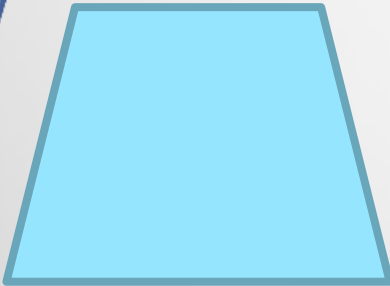
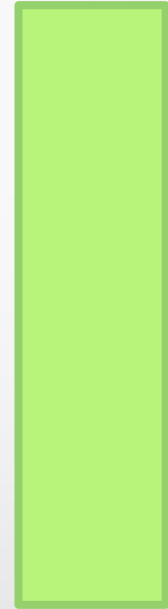
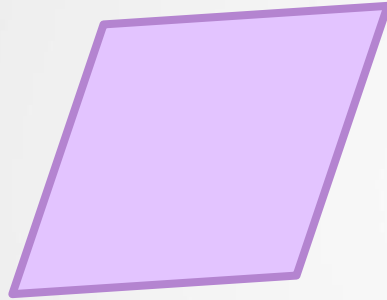
Success Criteria:

- I know the names and properties of different quadrilaterals.
- I can compare quadrilaterals based on their mathematical properties.
- I can classify quadrilaterals based on their mathematical properties.

Vocabulary

- Quadrilaterals
- Square
- Rectangle
- Parallelogram
- Rhombus
- Trapezium
- Kite
- Parallel lines

Quadrilaterals



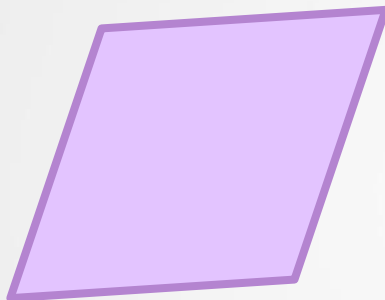
Can you name these quadrilaterals?
How are these quadrilaterals different?
How are they the same?

Quadrilaterals

Kite



Rhombus



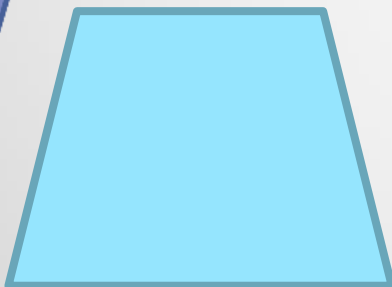
Square



Rectangle



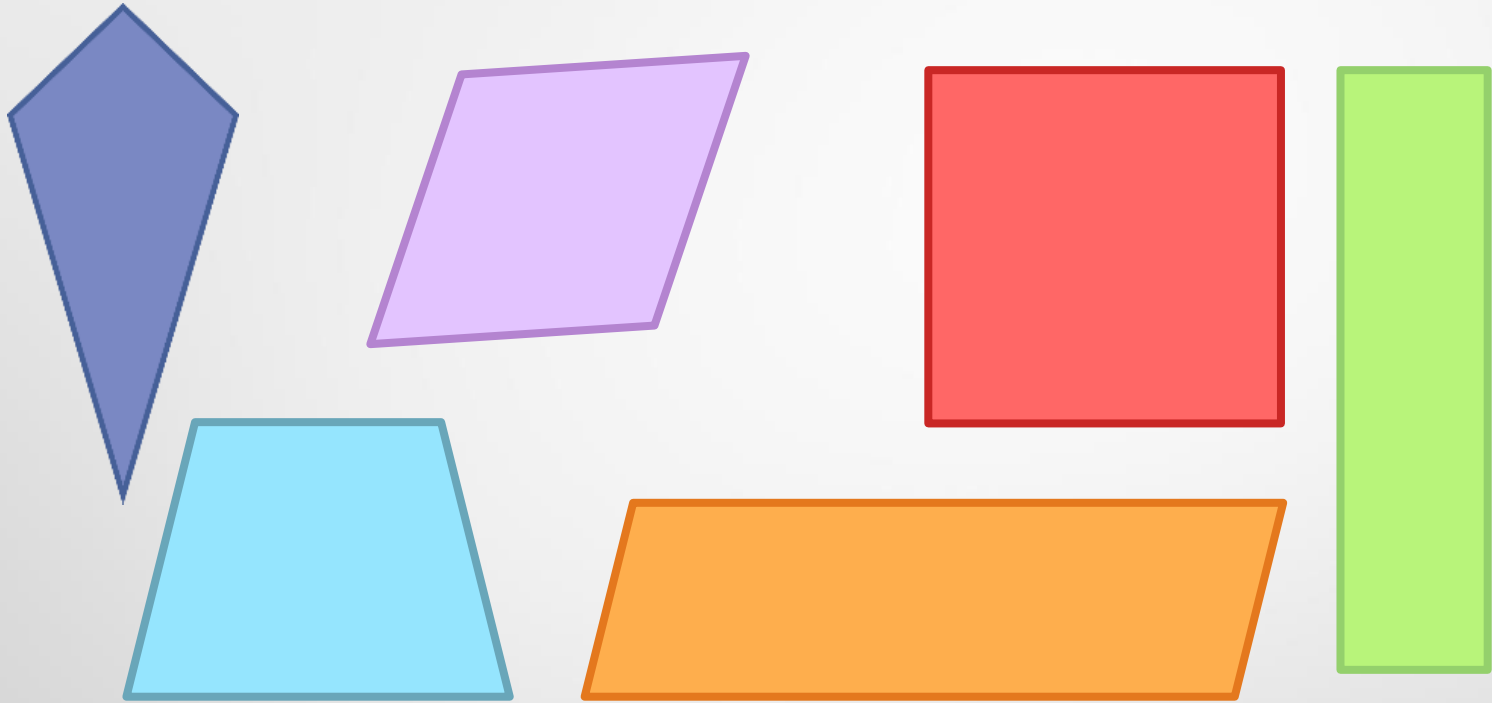
Trapezium



Parallelogram



Quadrilaterals



These shapes are all quadrilaterals.

All quadrilaterals have **4** straight sides and **4** vertices (corners).

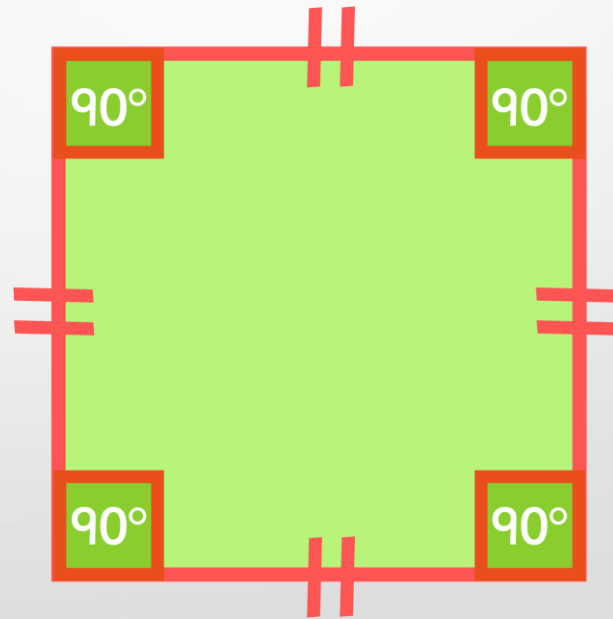
Quadrilaterals

This is a square.

A square is a regular quadrilateral.

It has 4 equal parallel sides and 4 right angles.

- 4 equal parallel sides
- 4 right angles (90°)



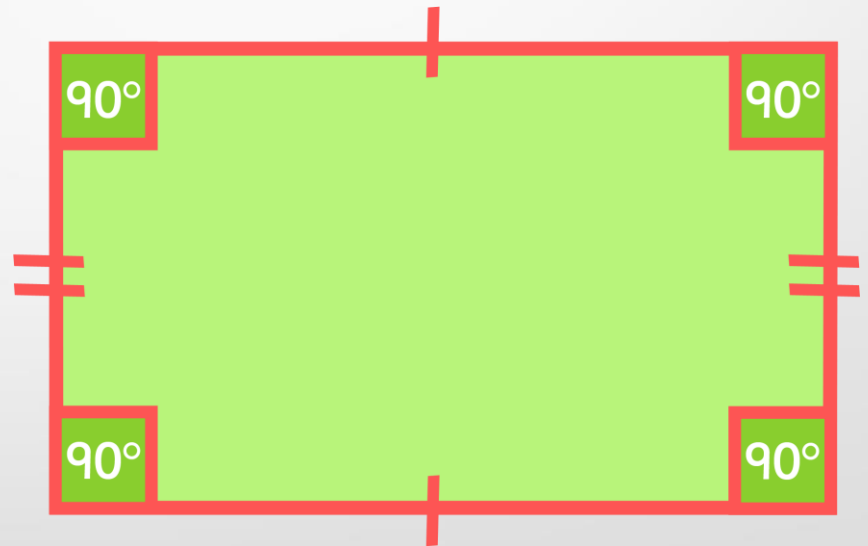
Quadrilaterals

This is a rectangle.

It is a parallelogram where all four angles are equal.

It has 2 pairs of equal parallel sides and 4 right angles.

- 2 pairs of equal parallel sides
- 4 right angles (90°)

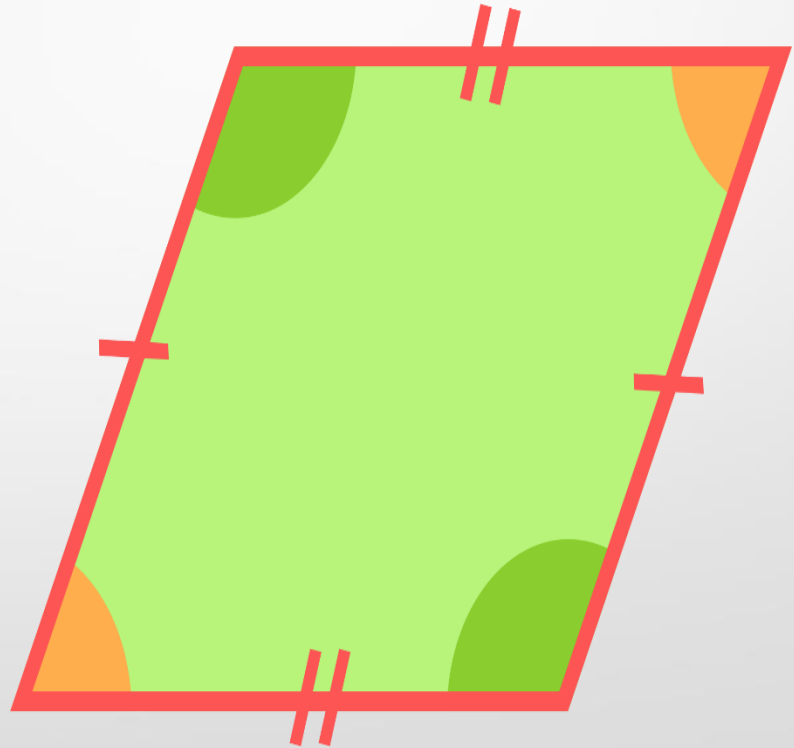


Quadrilaterals

This is a parallelogram.

It has 2 pairs of equal parallel sides and diagonally opposite angles are equal.

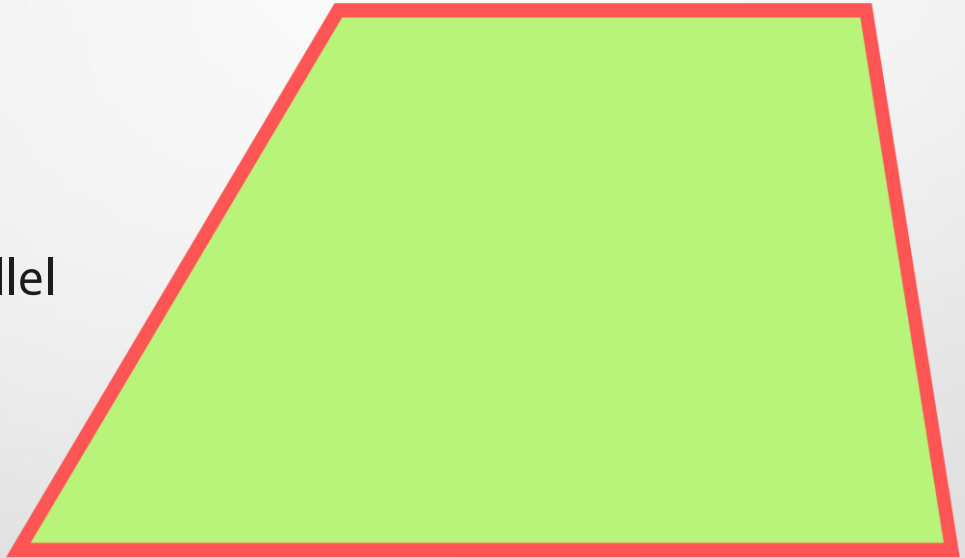
- 2 pairs of equal parallel sides
- Diagonally opposite angles are equal



Quadrilaterals

This is a trapezium.
It has 1 pair of parallel sides.

- 1 pair of sides are parallel



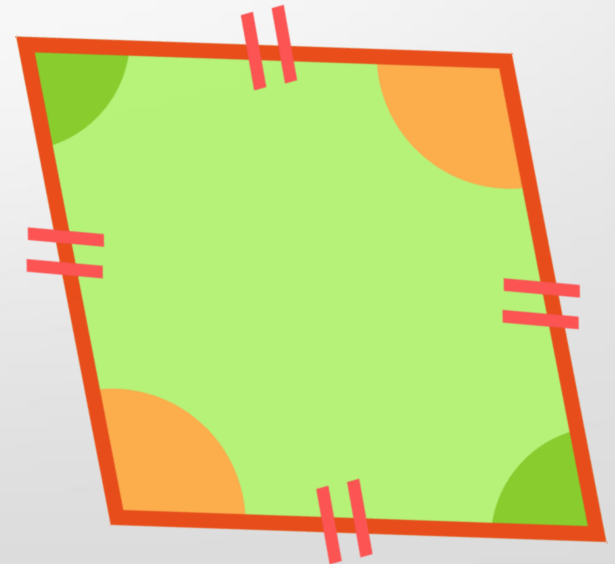
Quadrilaterals

This is a rhombus.

It is a parallelogram where all four sides are equal.

All 4 sides are equal and diagonally opposite angles are equal.

- All sides are equal
- Diagonally opposite angles are equal

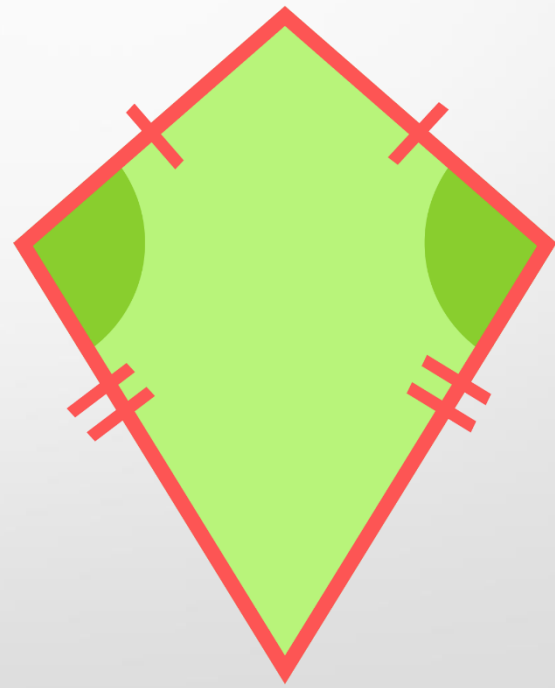



Quadrilaterals

This is a kite.

It has 2 pairs of equal sides and the horizontally opposite angles are equal.

- Horizontally opposite angles are equal
- 2 pairs of equal sides





Maria says:

“I can draw a quadrilateral with four equal length sides that is **not** a square.”

Is she correct?

Answer

Maria says:

“I can draw a quadrilateral with four equal length sides that is **not** a square.”

Is she correct?



Yes. Maria can draw a rhombus



Task

Complete the worksheets on
the school website.