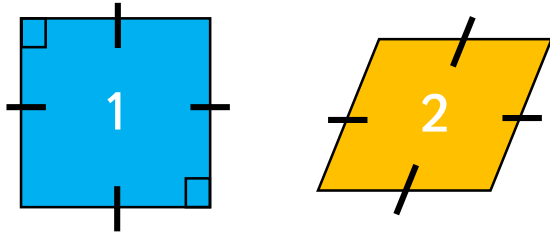


Angles in Quadrilaterals

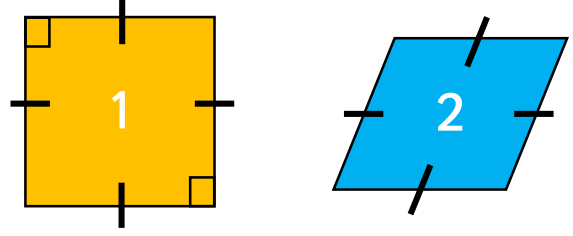
1a. Find at least one difference between the square and the rhombus.



VF

Angles in Quadrilaterals

1b. Find two similarities between the square and the rhombus.



VF

2a. Mollie says:



A rhombus has 4 angles of 90° .

Is she correct?



VF

2b. Greg says:



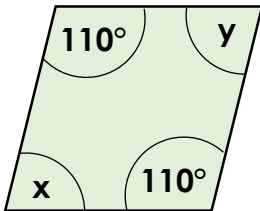
The angles where the diagonals of a square meet are 90° .

Is he correct?



VF

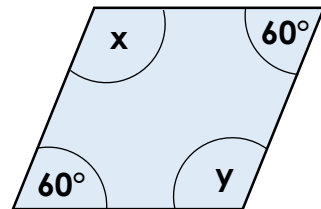
3a. True or false? Angles x and y in this rhombus are 50° .



Quadrilaterals not drawn to scale.

VF

3b. True or false? Angles x and y in this rhombus are 120° .



Quadrilaterals not drawn to scale.

VF

4a. Complete the drawing to create a quadrilateral.

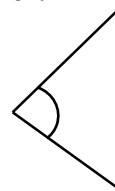


Name your shape and mark angles as:
O = obtuse, A = acute, RA = right angles



VF

4b. Complete the drawing to create a quadrilateral.



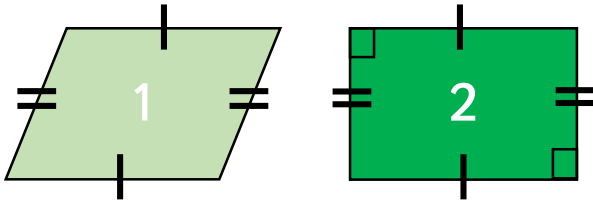
Name your shape and mark angles as:
O = obtuse, A = acute, RA = right angles



VF

Angles in Quadrilaterals

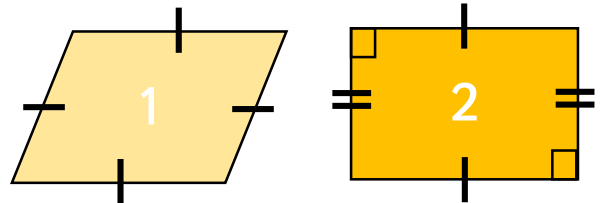
5a. Find at least one difference between the parallelogram and the rectangle.



VF

Angles in Quadrilaterals

5b. Find two similarities between the parallelogram and the rectangle.



VF

6a. Leah says:



The sum of angles in a trapezium total 180° .

Is she correct?



VF

6b. Simon says:



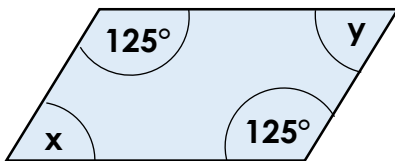
The opposite sides of a quadrilateral are always equal.

Is he correct?



VF

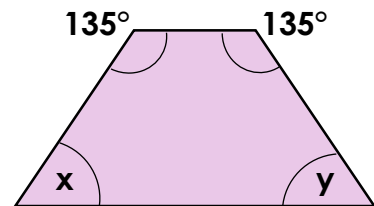
7a. True or false? Angles x and y in this parallelogram are 55° .



Quadrilaterals not drawn to scale.

VF

7b. True or false? Angles x and y in this trapezium are 40° .



Quadrilaterals not drawn to scale.

VF

8a. Complete the drawing to create a quadrilateral.

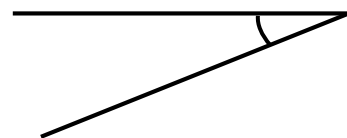


Name your shape and mark angles as:
O = obtuse, A = acute, RA = right angles



VF

8b. Complete the drawing to create a quadrilateral.



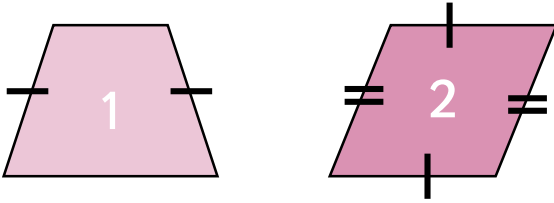
Name your shape and mark angles as:
O = obtuse, A = acute, RA = right angles



VF

Angles in Quadrilaterals

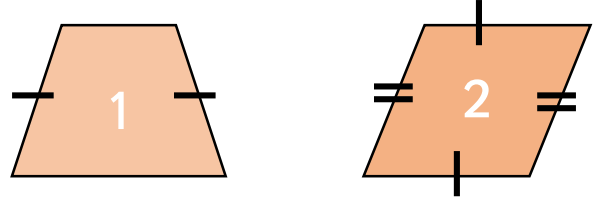
9a. Find three differences between the trapezium and the parallelogram.



VF

Angles in Quadrilaterals

9b. Find three similarities between the trapezium and the parallelogram.

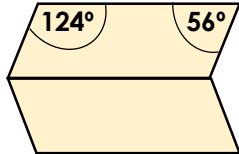


VF

10a. Ali says:



I have combined two identical parallelograms. The angles of the new shape will total 720° .



Is he correct?



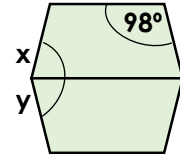
Quadrilaterals not drawn to scale.

VF

10b. Jayla says:



I have combined two identical trapeziums. Angles x and y will total 154° .



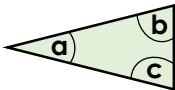
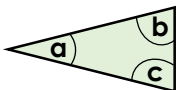
Is she correct?



Quadrilaterals not drawn to scale.

VF

11a. Use these two triangles to make a parallelogram.



a	36°
b	72°

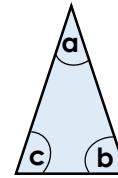
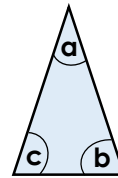
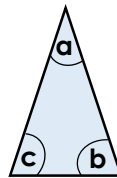
Calculate the size of angles in the new shape.



Quadrilaterals not drawn to scale.

VF

11b. Use these three triangles to make a trapezium.



b	74°
c	74°

Calculate the size of angles in the new shape.



Quadrilaterals not drawn to scale.

VF

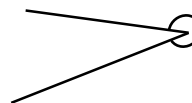
12a. Draw a quadrilateral with at least one obtuse angle.

Name your shape and mark angles as:
O = obtuse, A = acute, RA = right angles



VF

12b. Draw a quadrilateral with one reflex angle inside the shape.



Name your shape and mark angles as:
O = obtuse, A = acute, RA = right angles



VF