

Varied Fluency

Step 4: Quadrilaterals

National Curriculum Objectives:

Mathematics Year 4: (4G2a) [Compare and classify geometric shapes, including quadrilaterals and triangles based on their properties and sizes](#)

Differentiation:

Developing Questions to support identifying and describing the properties of quadrilaterals. Including right angles and 3 types of quadrilateral (rectangles, parallelograms, and squares). All shapes in 'standard' orientation.

Expected Questions to support identifying and describing the properties of quadrilaterals. Including right angles, parallel lines and 5 types of quadrilateral (rectangles, parallelograms, squares, trapeziums and rhombus). All shapes in 'standard' orientation.

Greater Depth Questions to support identifying and describing the properties of irregular quadrilaterals. Including right angles, parallel lines and 5 types of quadrilateral (rectangles, parallelograms, squares, trapeziums and rhombus). Shapes presented in different orientations.

More [Year 4 Properties of Shapes](#) resources.

Did you like this resource? Don't forget to [review](#) it on our website.

Quadrilaterals

1a. Draw lines to match the true statements to the shape.

It has 4 right angles

It has 5 sides

It is a rectangle



VF

It has 4 right angles

It is a square

It has no right angles



VF

2a. Fill in the blanks to describe the shape.

This shape has ___ sides. It has ___ right angles.



VF

2b. Fill in the blanks to describe the shape.

This shape has ___ sides. It has ___ right angles.



VF

3a. Draw the shape using the description below.

The shape has:

- 4 equal sides
- 4 right angles



What shape have you drawn?

VF

3b. Draw the shape using the description below.

The shape has:

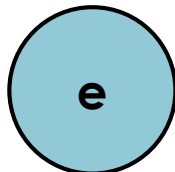
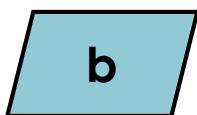
- 4 right angles
- 2 pairs of equal sides



What shape have you drawn?

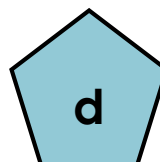
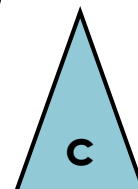
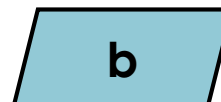
VF

4a. Circle the quadrilaterals.



VF

4b. Circle the quadrilaterals.



VF

Quadrilaterals

5a. Draw lines to match the true statements to the shape.

It is a parallelogram

It has parallel lines

It has right angles

It has 4 sides

It is a rectangle



VF

It has no parallel sides

It has 4 right angles

It has equal sides

It has 4 sides

It is a square



VF

6a. Fill in the blanks to describe the shape.

This shape has ___ sides. It has ___ right angles. It has ___ sets of parallel sides.



VF

6b. Fill in the blanks to describe the shape.

This shape has ___ sides. It has ___ right angles. It has ___ sets of parallel sides.



VF

7a. Draw the shape using the description below.

The shape has:

- No right angles
- 2 pairs of parallel lines



What shape have you drawn?

VF

7b. Draw the shape using the description below.

The shape has:

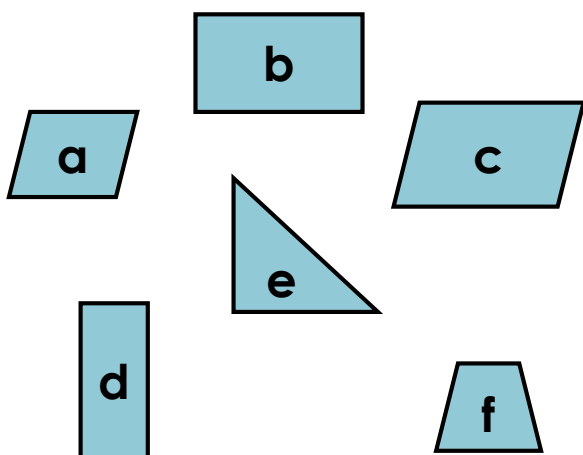
- 1 pair of parallel sides
- No right angles



What shape have you drawn?

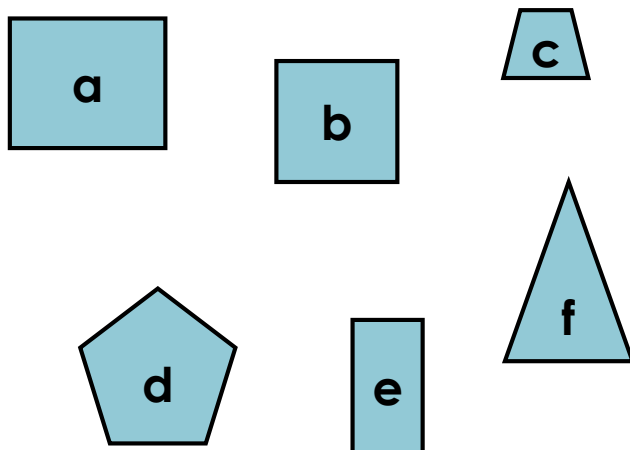
VF

8a. Circle the quadrilaterals.



VF

8b. Circle the quadrilaterals.



VF

Quadrilaterals

Quadrilaterals

9a. Draw lines to match the true statements to the shape.

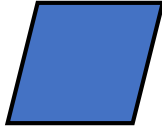
It has no right angles

It has no parallel sides

It is a square

It has 5 sides

It is a rhombus



VF

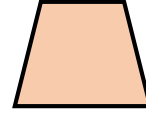
9b. Draw lines to match the true statements to the shape.

It has 1 pair of equal sides

It has no right angles

It has no parallel sides

It is a trapezium



VF

10a. Fill in the blanks to describe the shape.

This shape has ___ pairs of equal length sides. It has ___ right angles. It has ___ pairs of parallel sides.



VF

10b. Fill in the blanks to describe the shape.

This shape has ___ pairs of equal length sides. It has ___ right angles. It has ___ pairs of parallel sides.



VF

11a. Draw the shape using the description below.

The shape has:

- 2 pairs of equal sides
- No right angles
- Not a parallelogram



What shape have you drawn?

VF

11b. Draw the shape using the description below.

The shape has:

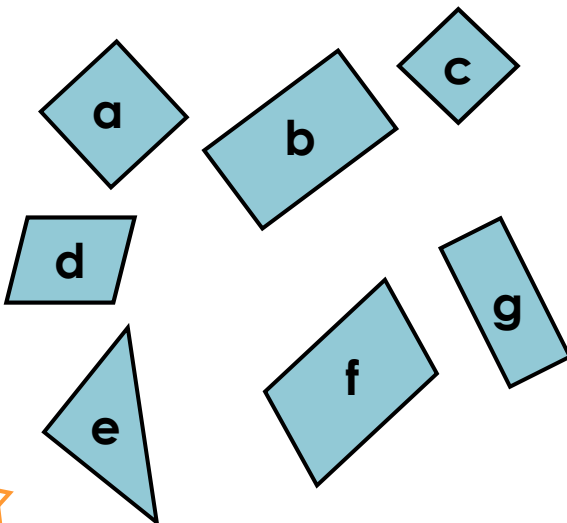
- 1 pair of equal sides
- 1 pair of parallel lines (unequal in length)
- No right angles



What shape have you drawn?

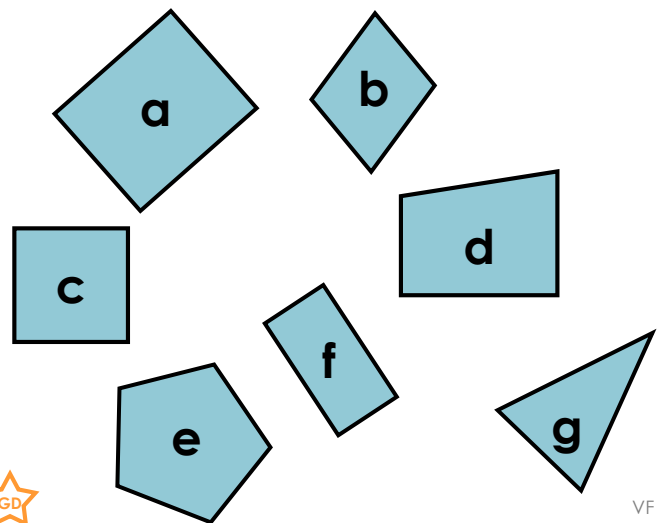
VF

12a. Circle the quadrilaterals.



VF

12b. Circle the quadrilaterals.



VF

Varied Fluency Quadrilaterals

Developing

- 1a. It has 4 right angles; it is a rectangle
- 2a. 4, 0
- 3a. Square
- 4a. a, b, c

Expected

- 5a. It is a parallelogram; it has parallel lines; it has 4 sides
- 6a. 4, 0, 2
- 7a. Rhombus or parallelogram
- 8a. a, b, c, d, f

Greater Depth

- 9a. It has no right angles; it is a rhombus
- 10a. 2, 0, 2
- 11a. Rhombus
- 12a. a, b, c, d, f, g

Varied Fluency Quadrilaterals

Developing

- 1b. It has 4 right angles; it is a square
- 2b. 4, 4
- 3b. Rectangle
- 4b. a, b, e

Expected

- 5b. It has 4 sides; it has 4 right angles; it is a square; it has equal sides
- 6b. 4, 4, 2
- 7b. Trapezium
- 8b. a, b, c, e

Greater Depth

- 9b. It is a trapezium; it has no right angles; it has 1 pair of equal sides
- 10b. 2, 4, 2
- 11b. Trapezium
- 12b. a, b, c, d, f