

# 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

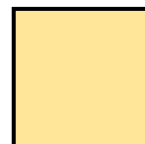


VF

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:

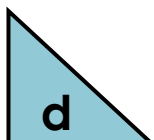
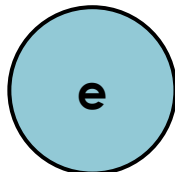
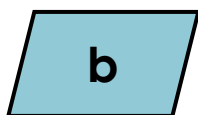
- 4 right angles
- 2 pairs of equal sides



What shape have you drawn?

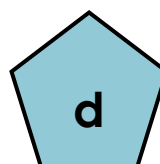
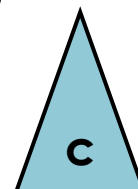
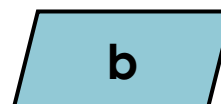
VF

4a. Circle the quadrilaterals.



VF

4b. Circle the quadrilaterals.



VF

# Quadrilaterals

# 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

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

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:

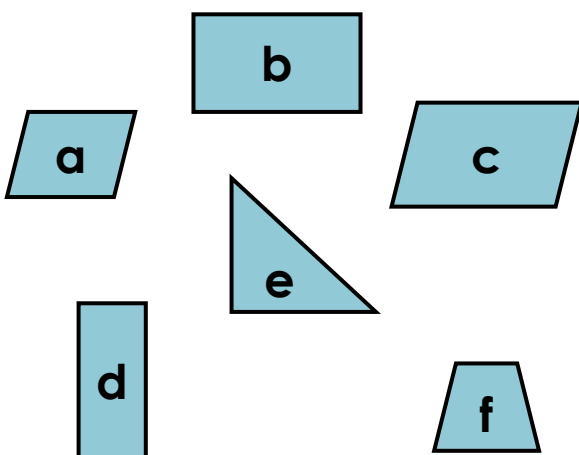
- 1 pair of parallel sides
- No right angles



What shape have you drawn?

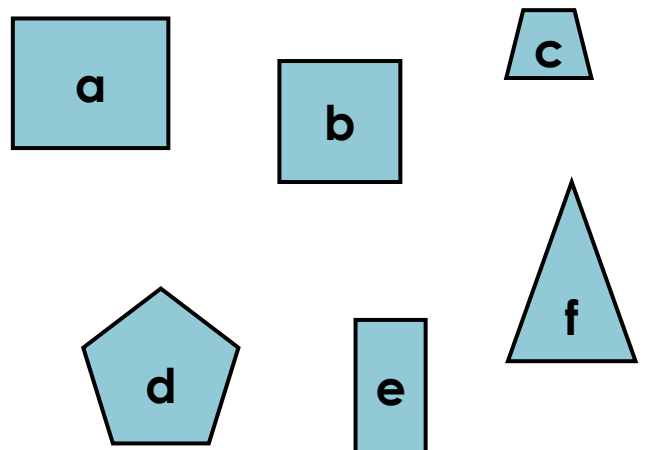
VF

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

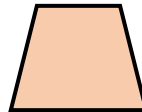
9b. Draw lines to match the true statements to the shape.

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:

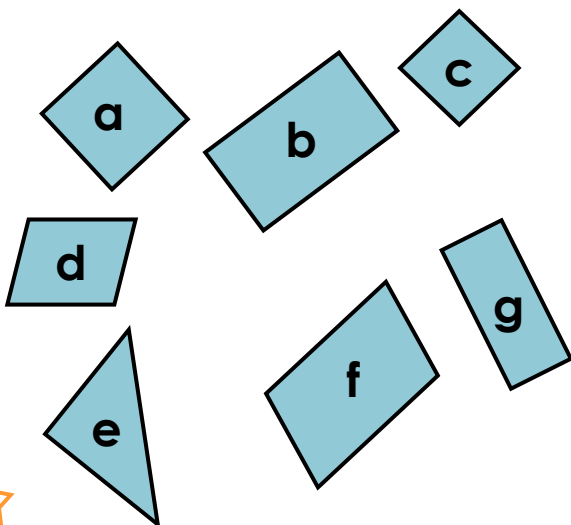
- 1 pair of equal sides
- 1 pair of parallel lines (unequal in length)
- No right angles



What shape have you drawn?

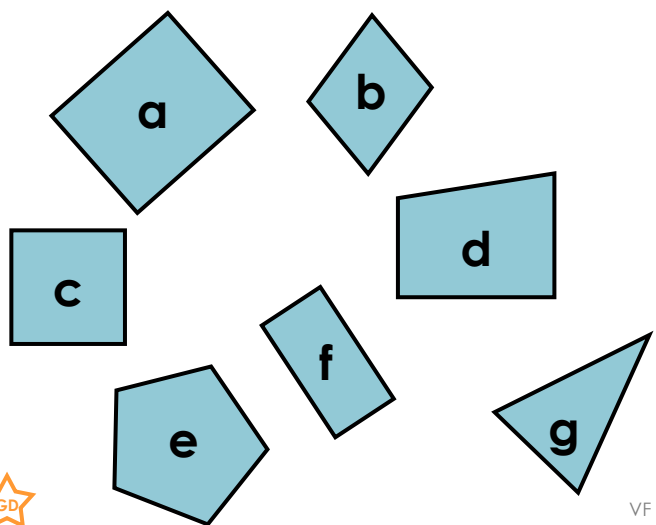
VF

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. Kite
- 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