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

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

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

VF

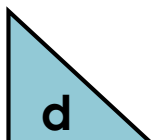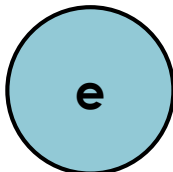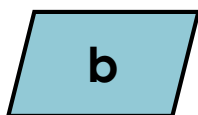**3a.** Draw the shape using the description below.

The shape has:
• 4 equal sides
• 4 right angles

What shape have you drawn?

VF

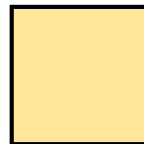**4a.** Circle the quadrilaterals.

a   b

e

c   d

VF

Quadrilaterals

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

It has 4 right angles

It is a square

It has no right angles

VF

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

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

VF

3b. Draw the shape using the description below.
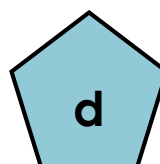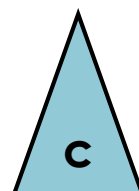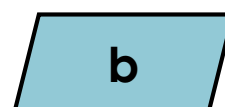
The shape has:
• 4 right angles
• 2 pairs of equal sides

What shape have you drawn?

VF

4b. Circle the quadrilaterals.

b

a   c

d   e

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.
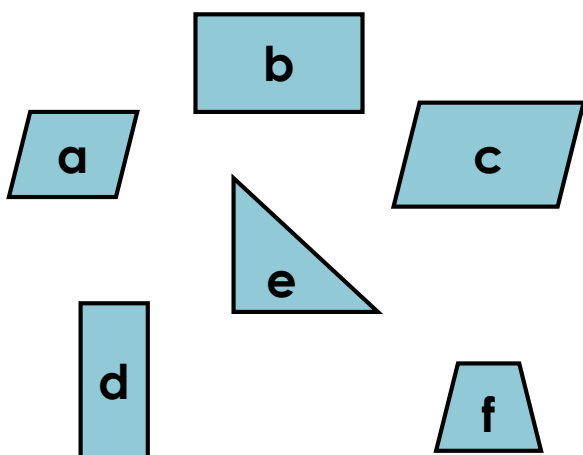
The shape has:
• 1 pair of parallel sides
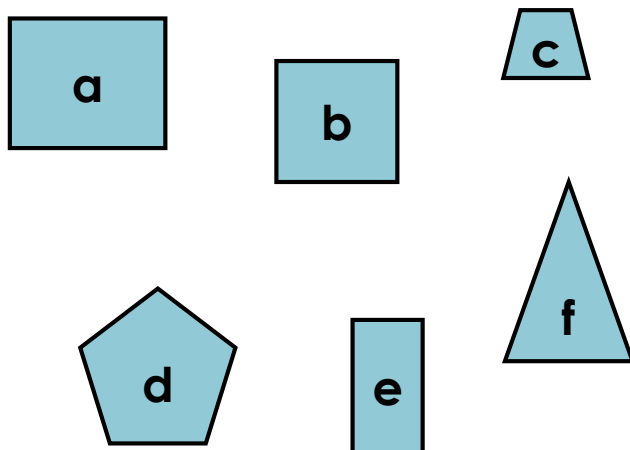• No right angles

What shape have you drawn?

VF

8a. Circle the quadrilaterals.

b

a

c

e

d

f

VF

8b. Circle the quadrilaterals.

a

c

b

f

d

e

VF

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Varied Fluency – Quadrilaterals – Year 4 Expected

Quadrilaterals

Quadrilaterals

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

It has no right angles

It has no parallel sides
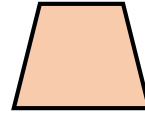
It is a square

It has 5 sides

It is a rhombus

GD

VF

9b. Draw lines to match the true statements to the shape.
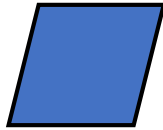
It has 1 pair of equal sides

It has no right angles

It has no parallel sides

It is a trapezium

GD

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.

GD

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.

GD

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?

GD

VF

11b. Draw the shape using the description below.
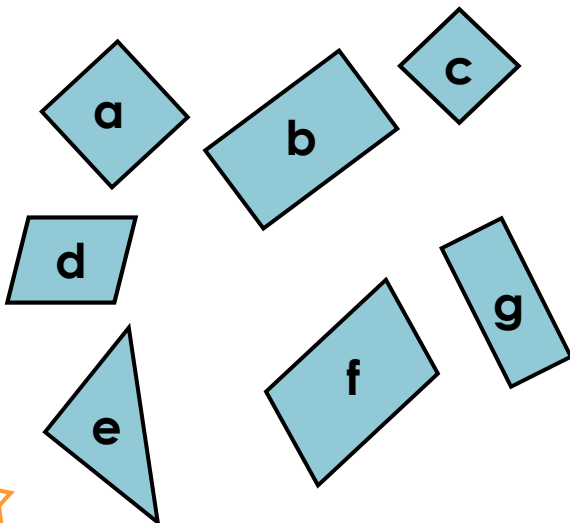
The shape has:
- 1 pair of equal sides
- 1 pair of parallel lines (unequal in length)
- No right angles

What shape have you drawn?
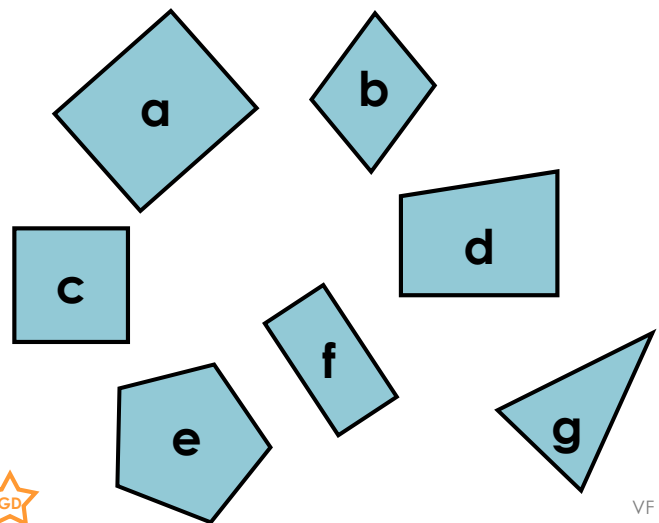
GD

VF

12a. Circle the quadrilaterals.

a   b   c

d   g

f

e

GD

VF

12b. Circle the quadrilaterals.

a   b

c   d

f

e   g

GD

VF

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Varied Fluency – Quadrilaterals – Year 4 Greater Depth

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

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