

# Varied Fluency

## Step 4: Recognise 2D and 3D shapes

### National Curriculum Objectives:

Mathematics Year 2: (2G1a) [Compare and sort common 2-D shapes and everyday objects](#)

Mathematics Year 2: (2G1b) [Compare and sort common 3-D shapes and everyday objects](#)

### Differentiation:

**Developing** Questions to support recognising 2D and 3D shapes. Includes 3 options in multiple choice questions, recognising if a shape is 2D or 3D and labelling 3 shapes using a word bank.

**Expected** Questions to support recognising 2D and 3D shapes. Includes 4 options in multiple choice questions, recognising if the name of a shape is correct and labelling 4 shapes using a word bank.

**Greater Depth** Questions to support recognising 2D and 3D shapes. Includes 5 options in multiple choice questions, recognising if the name of a shape is correct and labelling 4 shapes with no word bank.

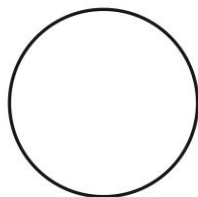
More [Year 2 and Year 3 Shape, Position and Direction](#) resources.

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

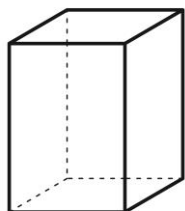
# Varied Fluency – Recognise 2D and 3D Shapes

1a. Which of the following shapes is a circle?

A



C



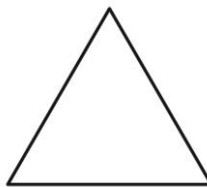
B



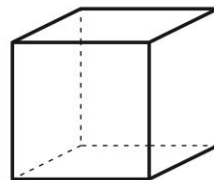
2 VF

1b. Which of the following shapes is a cube?

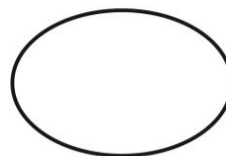
A



C



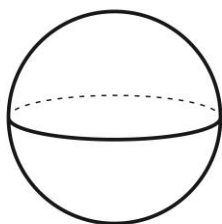
B



2 VF

2a. True or false?

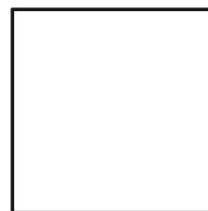
This is a 2D shape.



2 VF

2b. True or false?

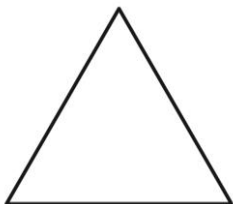
This is a 3D shape.



2 VF

3a. Circle the name of the shape below.

octagon



triangle

cuboid



2 VF

3b. Circle the name of the shape below.

pentagon



sphere

cylinder



2 VF

4a. Label the shapes using the word bank.

oval

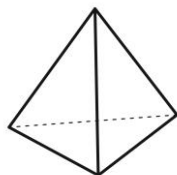
rectangle

pyramid

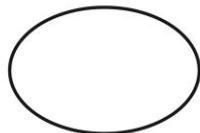
A



C



B



2 VF

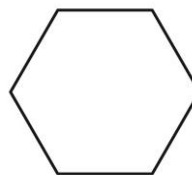
4b. Label the shapes using the word bank.

sphere

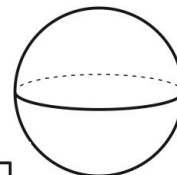
hexagon

square

A



C



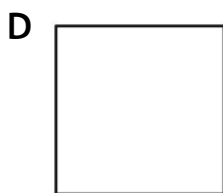
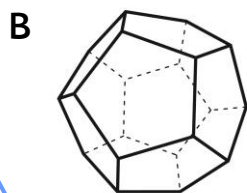
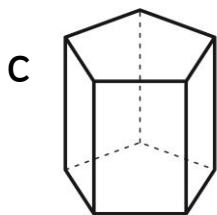
B



2 VF

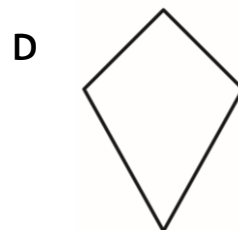
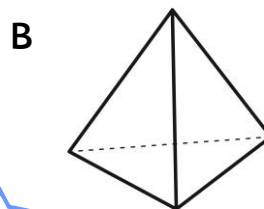
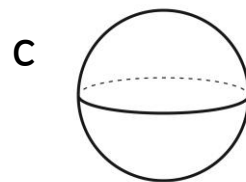
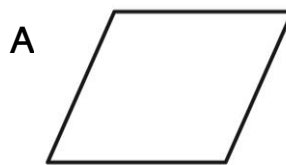
# Varied Fluency – Recognise 2D and 3D Shapes

5a. Which of the following shapes is a square?



2 VF

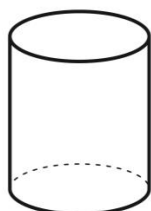
5b. Which of the following shapes is a pyramid?



2 VF

6a. True or false?

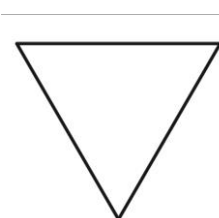
This shape is a cylinder.



2 VF

6b. True or false?

This shape is a kite.

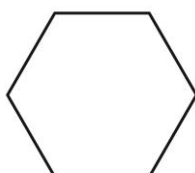


2 VF

7a. Circle the name of the shape below.

pyramid

octagon



hexagon

cuboid

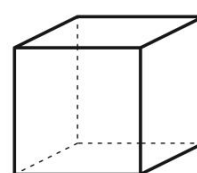


2 VF

7b. Circle the name of the shape below.

rhombus

rectangle



cube

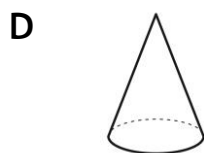
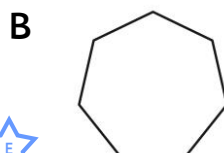
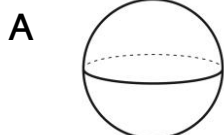
prism



2 VF

8a. Label the shapes using the word bank.

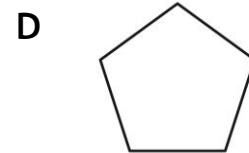
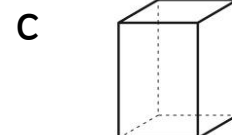
cone    nonagon    sphere    heptagon



2 VF

8b. Label the shapes using the word bank.

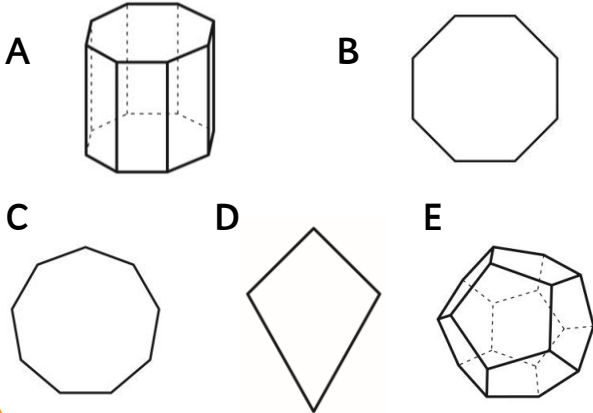
pentagon    oval    cylinder    cuboid



2 VF

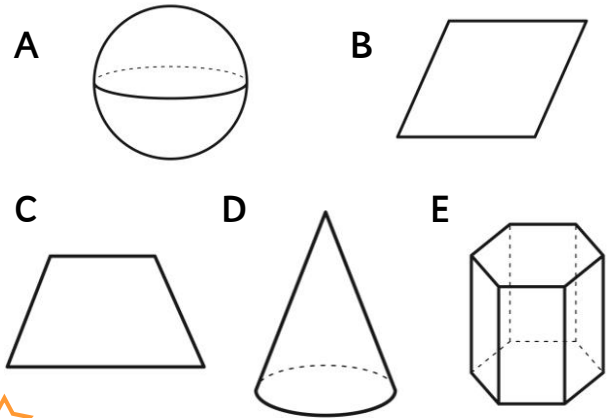
# Varied Fluency – Recognise 2D and 3D Shapes

9a. Which of the following shapes is a nonagon?



2 VF

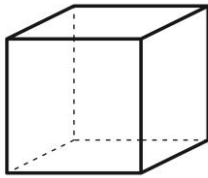
9b. Which of the following shapes is a prism?



2 VF

10a. True or false?

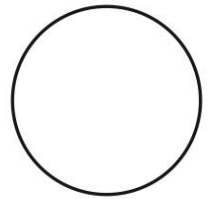
This shape is a cuboid.



2 VF

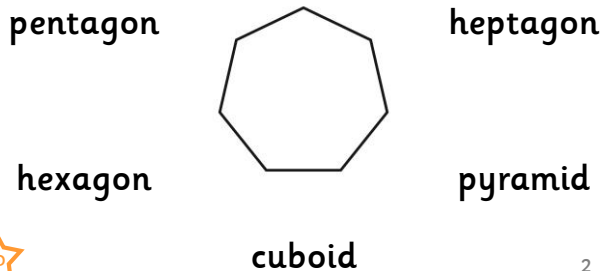
10b. True or false?

This shape is a sphere.



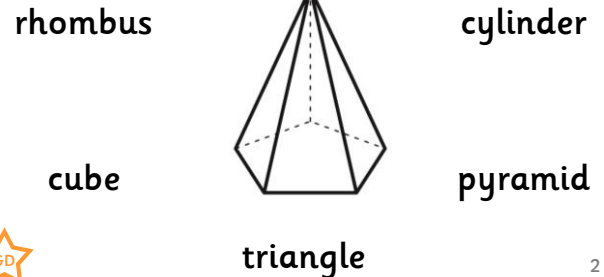
2 VF

11a. Circle the name of the shape below.



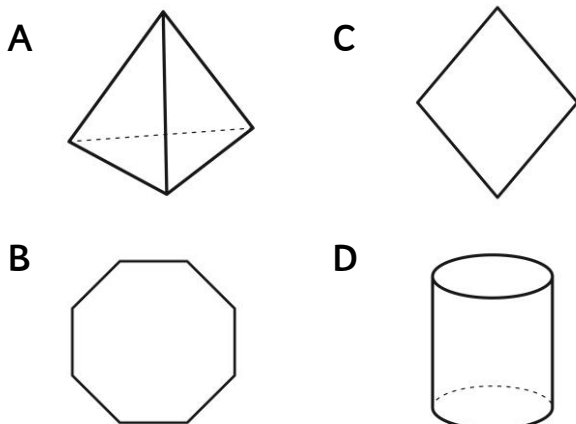
2 VF

11b. Circle the name of the shape below.



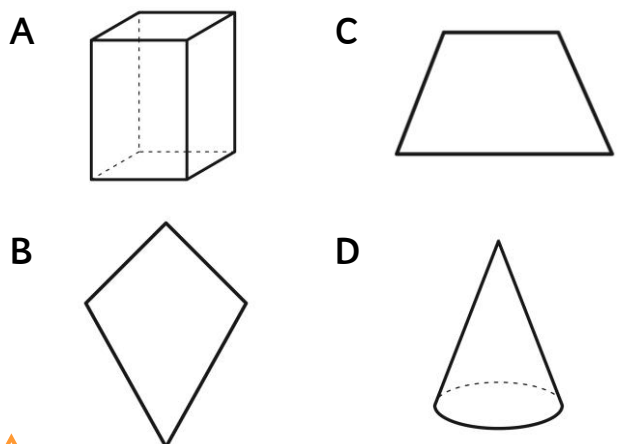
2 VF

12a. Label the shapes below.



2 VF

12b. Label the shapes below.



2 VF

# Varied Fluency – Recognise 2D and 3D Shapes

## Developing

- 1a. **A**
- 1b. **C**
- 2a. **False – it is a 3D shape.**
- 2b. **False – it is a 2D shape.**
- 3a. **Triangle**
- 3b. **Cylinder**
- 4a. **A – rectangle; B – oval; C – rectangle**
- 4b. **A – hexagon; B – square; C – sphere**

## Expected

- 5a. **D**
- 5b. **B**
- 6a. **True**
- 6b. **False – it is a triangle.**
- 7a. **Hexagon**
- 7b. **Cube**
- 8a. **A – sphere; B – heptagon; C – nonagon; D – cone**
- 8b. **A – oval; B – cylinder; C – cuboid; D – pentagon**

## Greater Depth

- 9a. **C**
- 9b. **E**
- 10a. **True. A cube is also a cuboid.**
- 10b. **False – it is a circle.**
- 11a. **Heptagon**
- 11b. **Pyramid**
- 12a. **A – pyramid; B – octagon; C – rhombus; D – cylinder**
- 12b. **A – cuboid; B – kite; C – trapezium; D – cone**