

Varied Fluency

Step 1: 3D Shapes

National Curriculum Objectives:

Mathematics Year 1: (1G1b) [Recognise and name common 3-D shapes \[for example, cuboids \(including cubes\), pyramids and spheres\]](#)

Differentiation:

Developing Questions to support identifying 3D shapes. Includes cubes, spheres, cuboids, square and triangular-based pyramids, cylinders and cones where shapes are always presented in the same orientation and with perspective lines visible.

Expected Questions to support identifying 3D shapes. Includes cubes, spheres, cuboids, square and triangular-based pyramids, cylinders and cones where some shapes are presented in different orientations with some perspective lines visible.

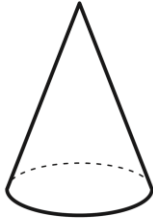
Greater Depth Questions to support identifying 3D shapes. Includes cubes, spheres, cuboids, square and triangular-based pyramids, cylinders and cones where most shapes are presented in different orientations with no perspective lines visible. Includes some use of real life objects.

More [Year 1 Shape](#) resources.

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

3D Shapes

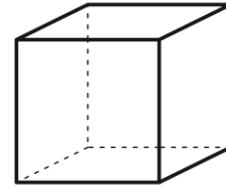
1a. True or false? The shape below is a cuboid.



VF

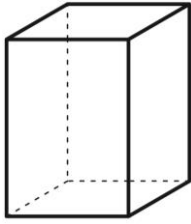
3D Shapes

1b. True or false? The shape below is a cube.



VF

2a. Circle the correct name of the shape below.



cuboid

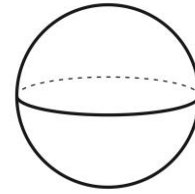
cube

cone



VF

2b. Circle the correct name of the shape below.



sphere

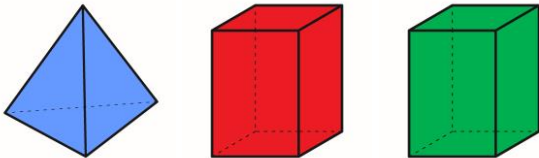
cuboid

cone



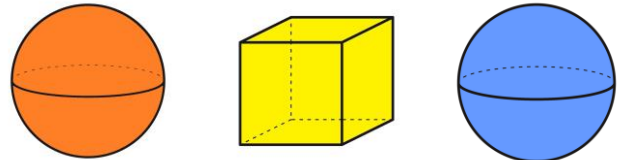
VF

3a. Which shape is the odd one out?



VF

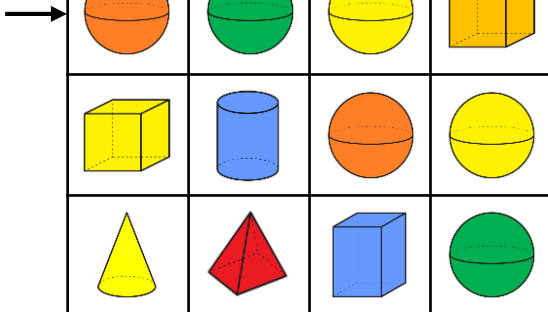
3b. Which shape is the odd one out?



VF

4a. Follow the path of the spheres to make it through the maze.

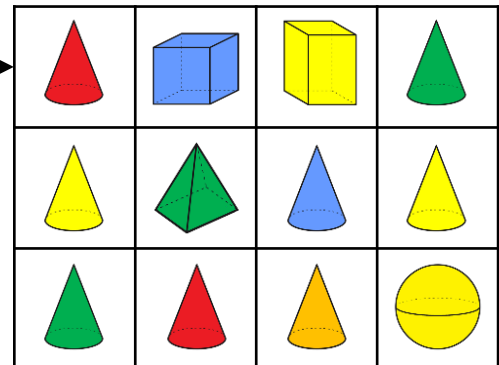
Start



VF

4b. Follow the path of the cones to make it through the maze.

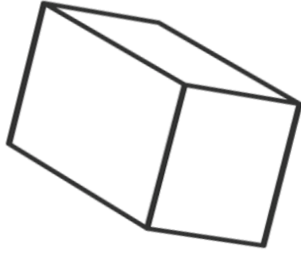
Start



VF

3D Shapes

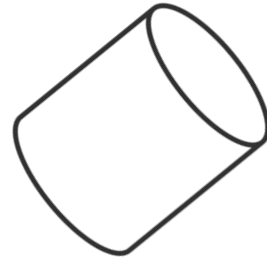
5a. True or false? The shape below is a cuboid.



VF

3D Shapes

5b. True or false? The shape below is a cone.



VF

6a. Circle the correct name of the shape below.



sphere

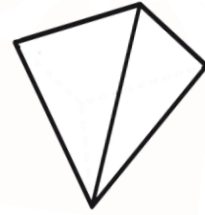
cube

cone



VF

6b. Circle the correct name of the shape below.



cone

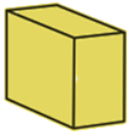
square-based
pyramid

sphere



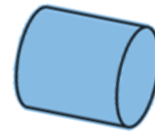
VF

7a. Which shape is the odd one out?



VF

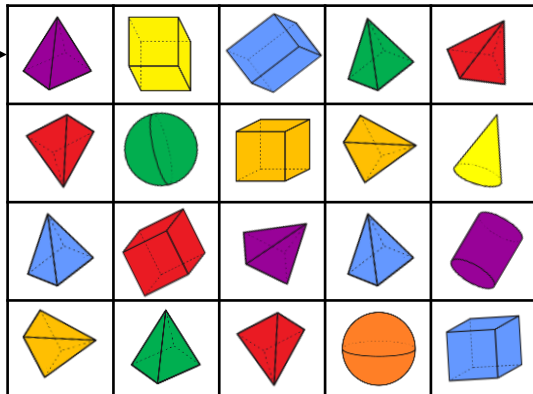
7b. Which shape is the odd one out?



VF

8a. Follow the path of the square-based pyramids to make it through the maze.

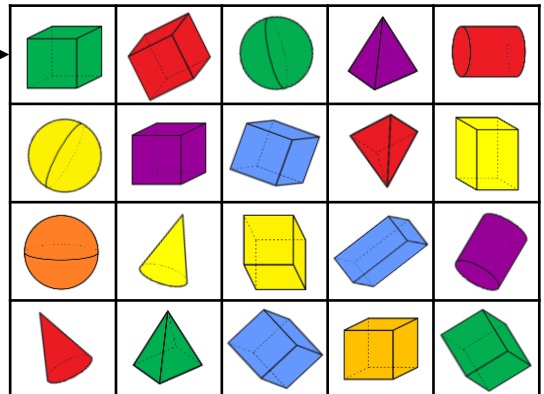
Start →



VF

8b. Follow the path of the cubes to make it through the maze.

Start →



VF

3D Shapes

9a. True or false? The shape below is a triangular-based pyramid.



VF

3D Shapes

9b. True or false? The shape below is a cylinder.



VF

10a. Circle the correct name of the shape below.



sphere

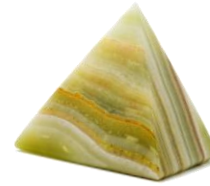
cylinder

cuboid



VF

10b. Circle the correct name of the shape below.



cuboid

square-based pyramid

sphere



VF

11a. Which shape is the odd one out?



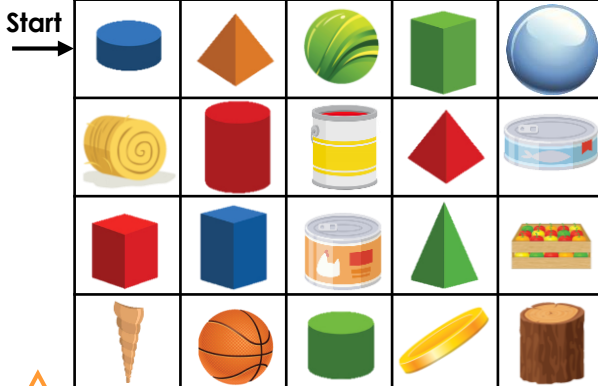
VF

11b. Which shape is the odd one out?



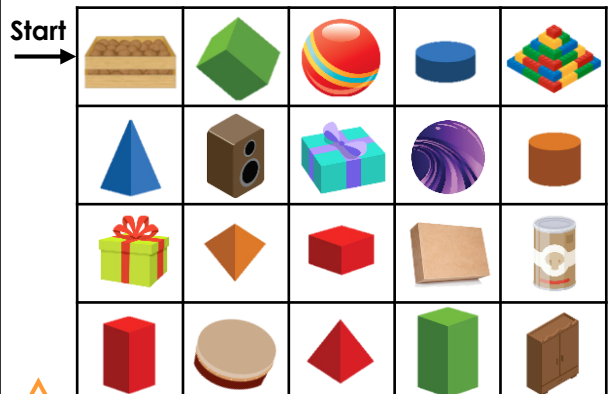
VF

12a. Follow the path of the cylinders to make it through the maze.



VF

12b. Follow the path of the cuboids to make it through the maze.

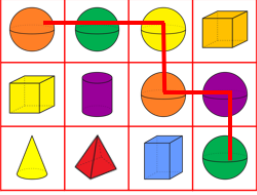


VF

Varied Fluency 3D Shapes

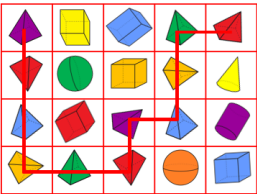
Developing

- 1a. **False, the shape is a cone.**
 2a. **Cuboid**
 3a. **The triangular-based pyramid because the other shapes are cuboids.**
 4a.



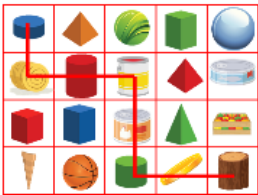
Expected

- 5a. **True**
 6a. **Cone**
 7a. **The cylinder because the other shapes are cuboids.**
 8a.



Greater Depth

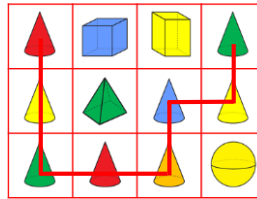
- 9a. **False, it is a cuboid.**
 10a. **Cylinder**
 11a. **The sphere because the other shapes are cuboids.**
 12a.



Varied Fluency 3D Shapes

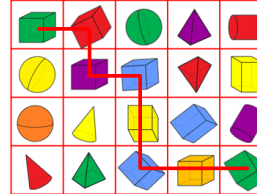
Developing

- 1b. **True**
 2b. **Sphere**
 3b. **The cube because the other shapes are spheres.**
 4b.



Expected

- 5b. **False, the shape is a cylinder.**
 6b. **Square-based pyramid**
 7b. **The cone because the other shapes are cylinders.**
 8b.



Greater Depth

- 9b. **True**
 10b. **Square-based pyramid**
 11b. **The square-based pyramid because the other shapes are cylinders.**
 12b.

