

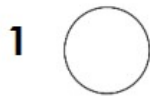
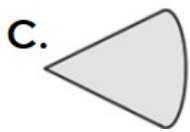
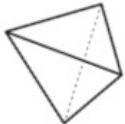
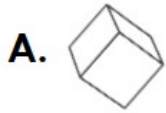
## Year 2 Maths

w/c 22.06.20

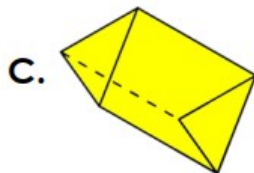
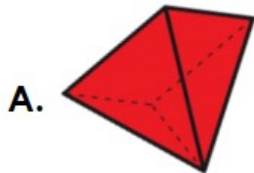
### Activity 2—Properties of 3D shapes

#### Practise

1. Which 2D shapes can you see on the flat faces of the 3D shapes?



2. Match the 3D shapes to the correct number of edges.



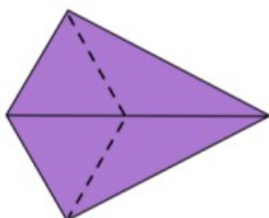
9 edges

1 edge

2 edges

8 edges

3. Circle and count the vertices on this shape.



3

5

4

6

#### Reasoning

4. Look at the shape of the faces. Which shape is the odd one out?

A.

B.

C.

D.

Explain your answer.

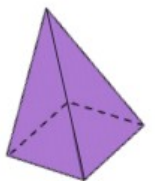
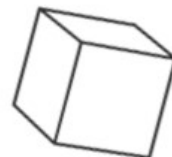
#### Problem Solving

5. Use the clues to find the missing shape.

I am a 3D shape.

I have more than 4 but fewer than 6 vertices.

What am I?



# Year 2 Maths

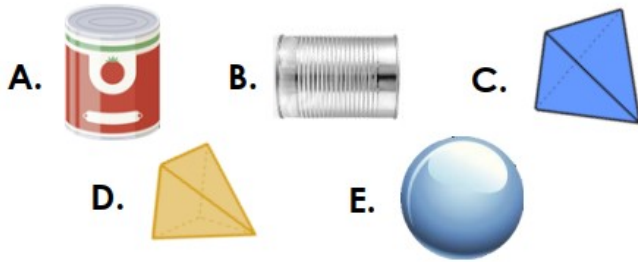
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## Activity 3—Sorting 3D Shapes

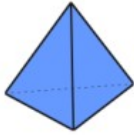



### Practise

1. Sort the shapes into the table below.

Spheres	Cylinders	Pyramids



2. The shapes below have been sorted. Use the word cards to label each column.

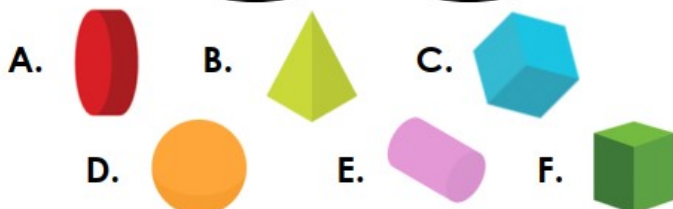
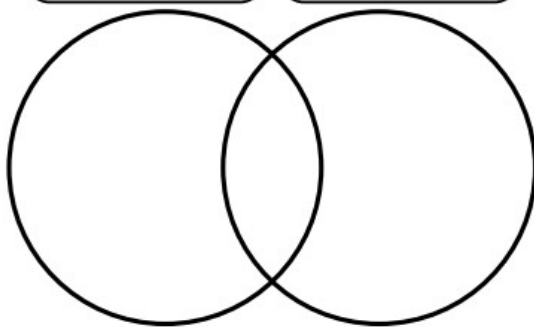
More than  
10 edges

Fewer than  
10 edges

3. Sort these 3D shapes into the Venn diagram.

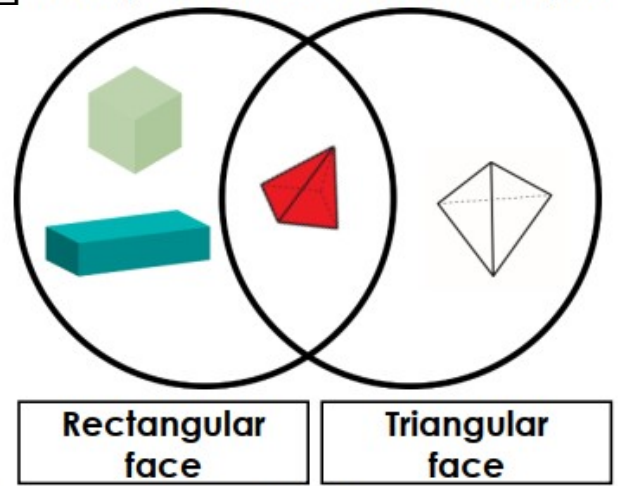
Curved  
surface

Flat  
face



### Reasoning

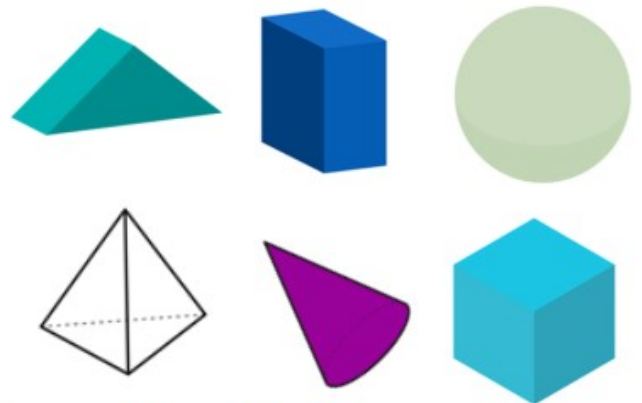
4. Harvey has sorted these 3D shapes.



Is he correct? Explain why.

### Problem Solving

5. How could you sort these 3D shapes into 2 groups?



How would you label your groups?

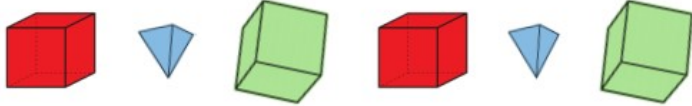
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## Activity 4—Measuring m

### Practise

1. Circle the shape that will come next in the pattern below.



A.



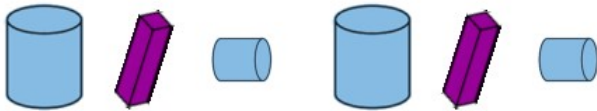
B.



C.



2. Name the next shape in the pattern.

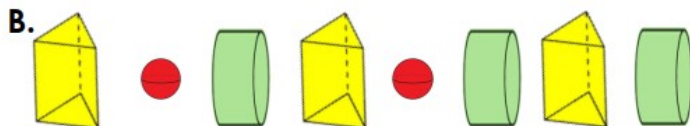
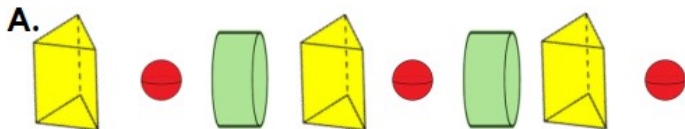


large  
cylinder

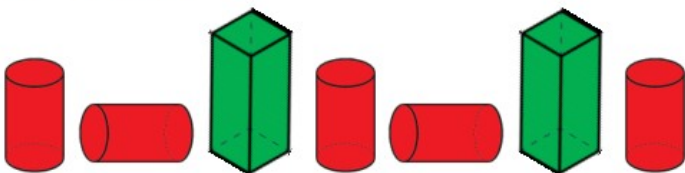
cuboid

small  
cylinder

3. Which pattern is correct?



4. Circle the shape that will be tenth in the pattern.



A.



B.



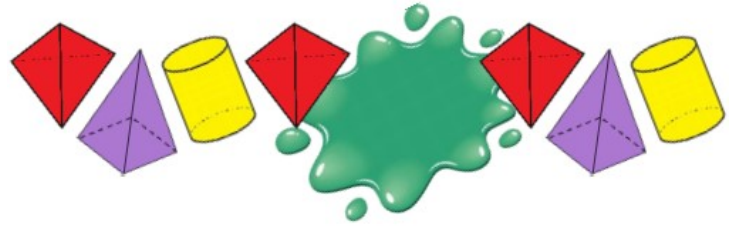
C.



D.

### Reasoning

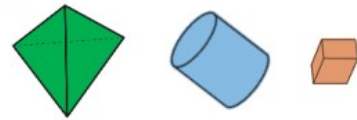
5. Name the shapes hidden under the splat.



Explain how you know.

### Problem Solving

6. Anna has made a pattern using these 3D shapes.



Anna

The eighth shape is a pyramid.  
The first shape is a cuboid.  
The pyramid comes before the cylinder.

Create the pattern using the names of the shapes.