2

PROPERTIES OF SHAPE

White Rose Maths

1 Match each shape to its name.
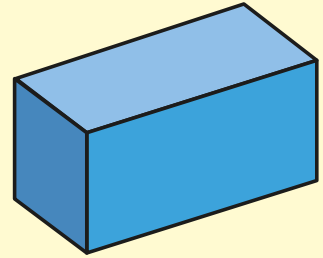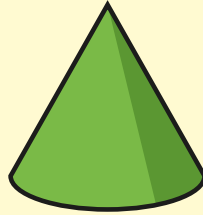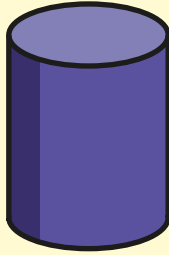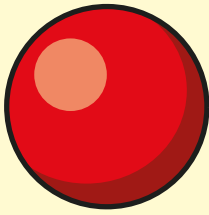
cylinder   sphere   cuboid   cone

2 Draw the next two shapes in each pattern.
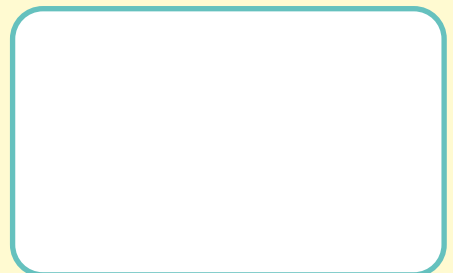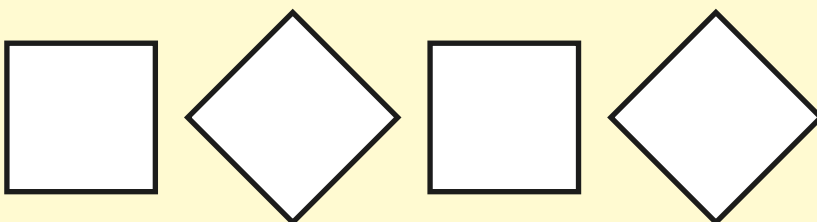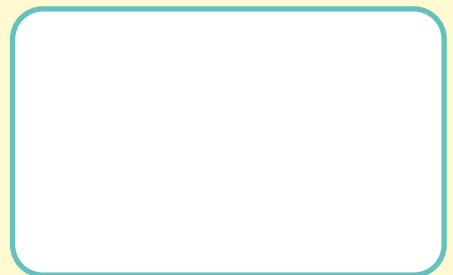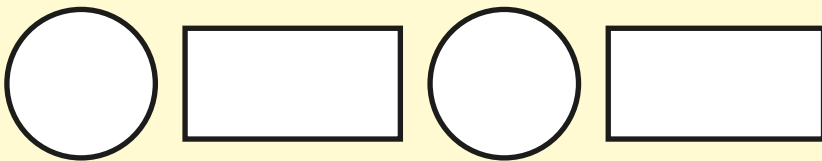
3 Tick the shapes with a correct line of symmetry.
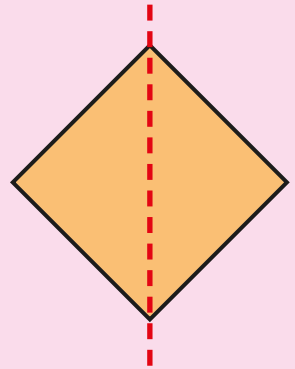
4 Complete the sentences.

This is a pentagon.

It has [ ] sides.

It has 5 vertices.

This is a _____

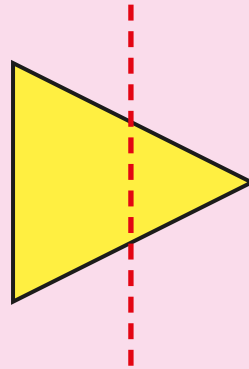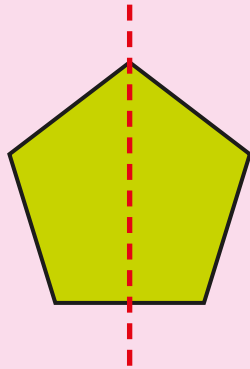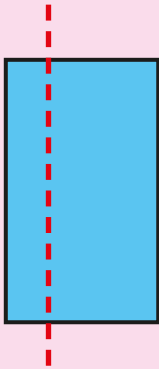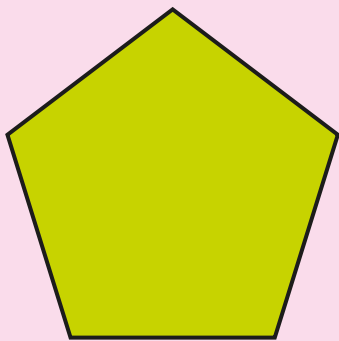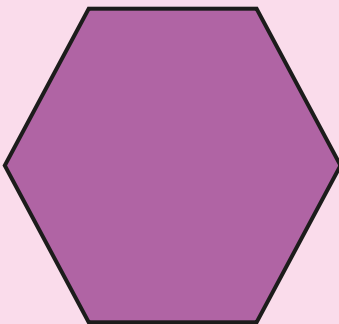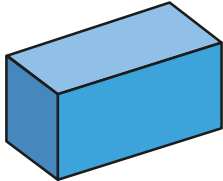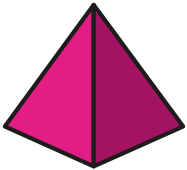It has [ ] sides.

It has [ ] vertices.

5 Complete the table.

Shape	Faces	Edges	Vertices
cuboid	6	12	
square-based pyramid	5		5

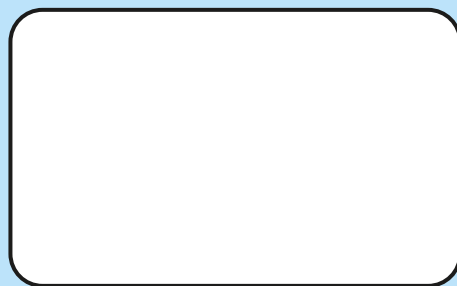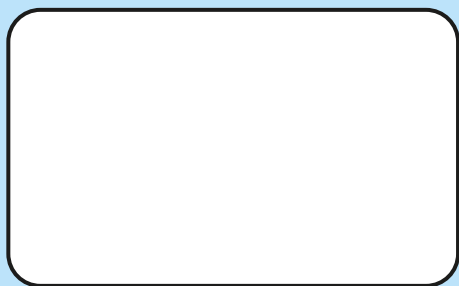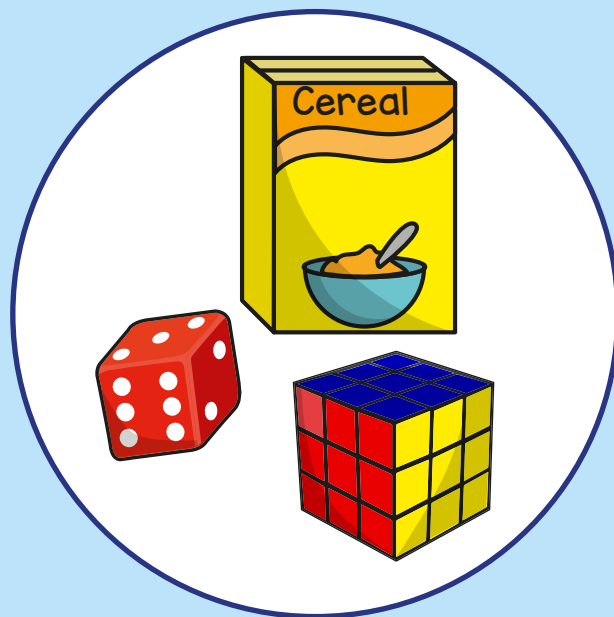**6** Rosie is holding a 3D shape.

She is counting the number of 2D faces.

There are 6 square faces.
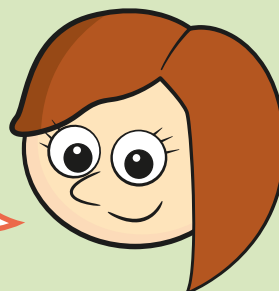
What shape is Rosie holding?

_____
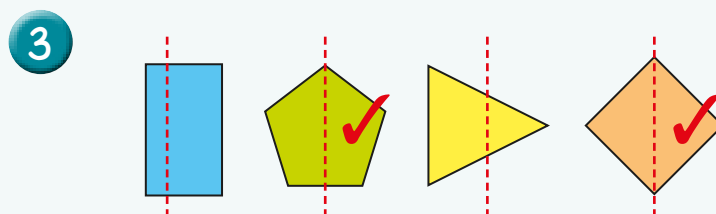
7 Amir has sorted some 3D shapes.
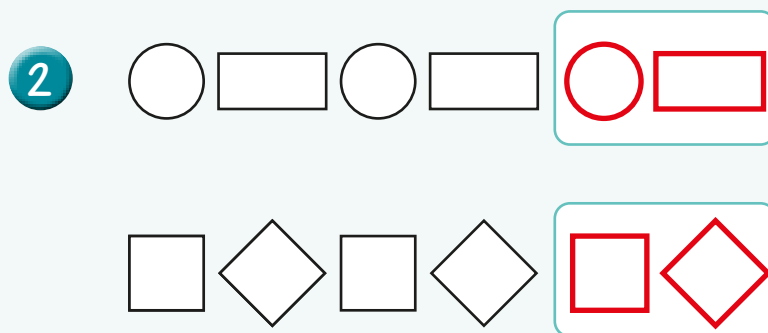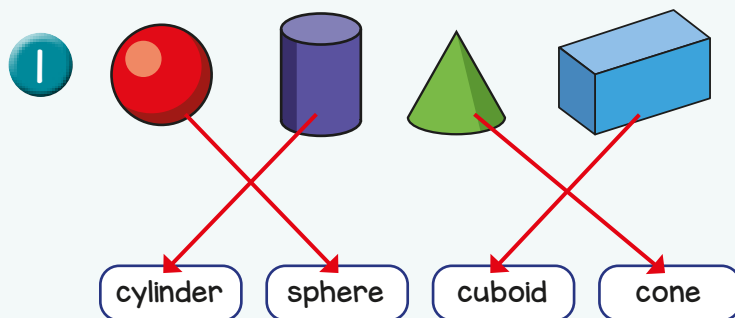
Choose the correct label for each group.
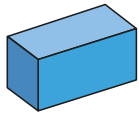
cylinders

flat faces

cubes

curved surfaces

Answers

1

cylinder   sphere   cuboid   cone

2

3

✓ ✓

4 This is a pentagon
It has **5** sides.
It has 5 vertices.

This is a **hexagon**.
It has **6** sides.
It has **6** vertices.

5

Shape	Faces	Edges	Vertices
cuboid	6	12	8
square-based pyramid	5	8	5

6 cube

7

curved surfaces

flat faces