

Year 2 – Maths – Geometry: Properties of Shape

Key vocabulary

two-dimensional (2D)
three-dimensional (3D)
flat
solid
corner
apex
vertex
vertices
side
edge
face
curved
straight
round
line of symmetry
vertical
pattern

Links to other learning

Year 1 – Recognise and name common 2-D and 3-D shapes, including rectangles, squares, circles, triangles, cuboids, cubes, pyramids and spheres.

Year 3 – Draw 2-D shapes and make 3-D shapes using modelling materials; Recognise 3-D shapes in different orientations and describe them; Recognise angles as a property of shape or a description of a turn; Identify right angles, recognise that 2 right angles make a half-turn, 3 make three-quarters of a turn and 4 a complete turn; Identify whether angles are greater than or less than a right angle; Identify horizontal and vertical lines and pairs of perpendicular and parallel lines

Key questions

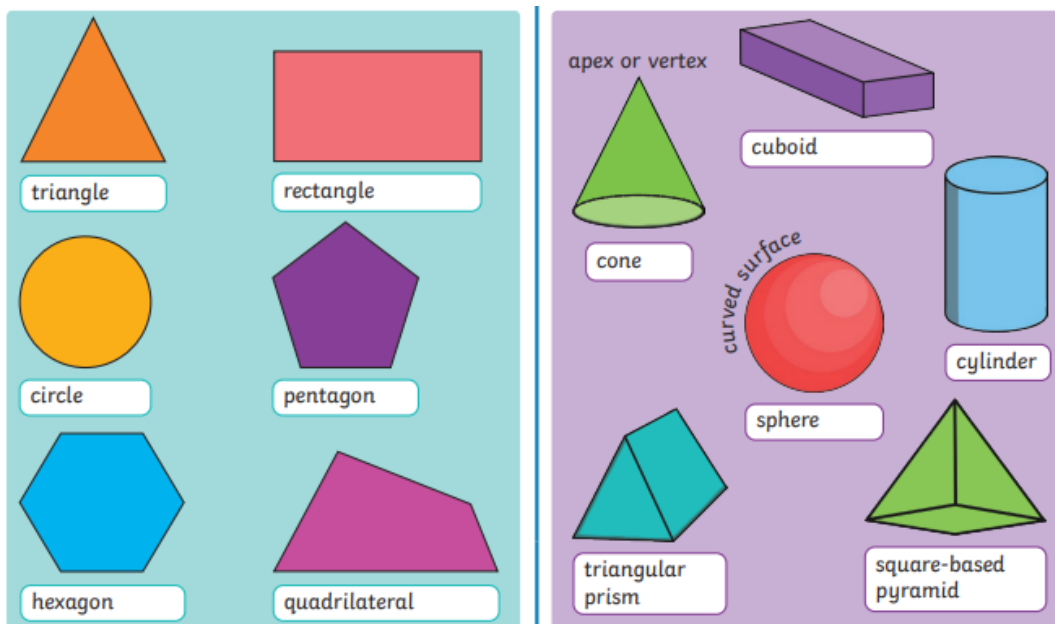
Can you describe a _____ using mathematical terminology?

What is the difference between a 2D and 3D shape?

Here is a repeating shape pattern. Can you continue it? Can you identify what is missing?

Recognise and describe 2D and 3D shapes

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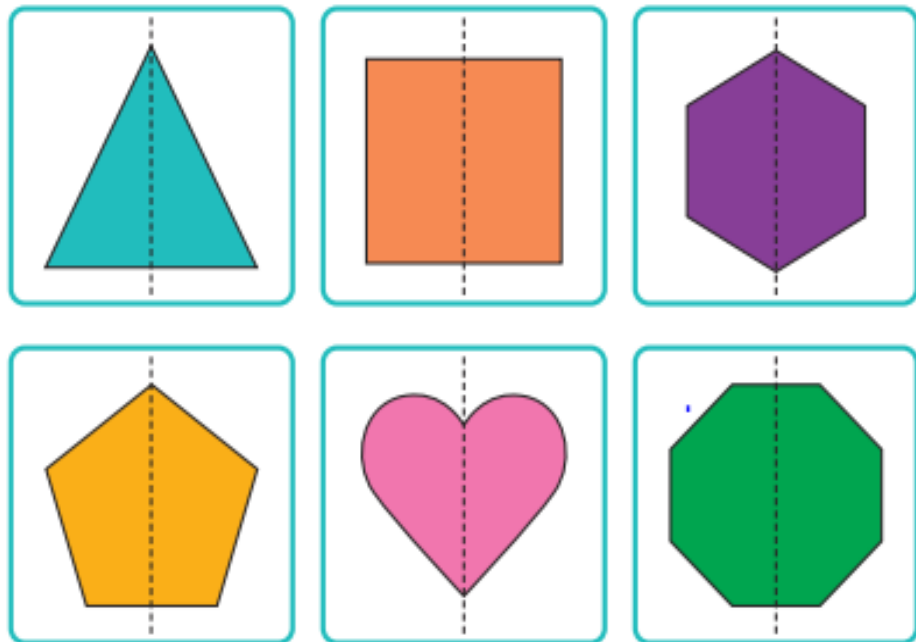


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Lines of symmetry

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These 2D shapes have a vertical line of symmetry.



side

corner or vertex

square

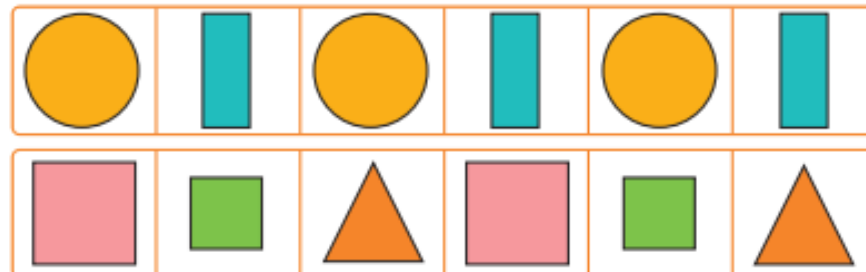
2D

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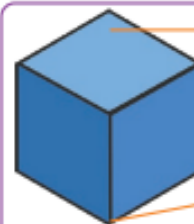
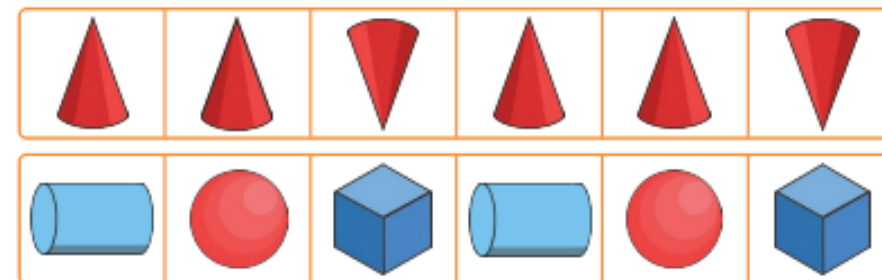
Repeating shape patterns

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2D Patterns



3D Patterns



face

edge

vertices

cube

3D

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