

SHAPES AND ANGLES

Maths
Intermediate (KS3/4)

Learning outcomes: Pupils learn and understand maths terminology relating to shapes and angles.

Instructions

- Print “Shapes and Angles” sheet (page 2 and 3).
- Cut up the flashcards and put in 3 piles.
- Put pupils in pairs or threes and give each group a set of flashcards.
- Ask pupils to work together to match the word, definition and diagram together.

Materials required:

- “Shapes and Angles” sheet (page 2 and 3)

Tip!

Give pupils a word or picture card and get students to mingle around the class and find their partner.




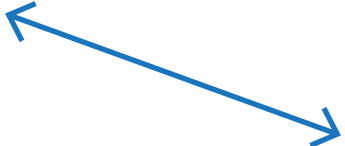

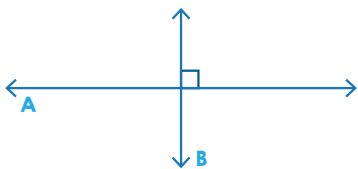

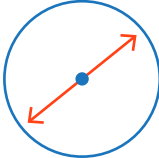
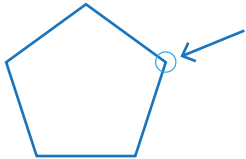
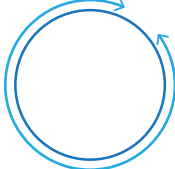


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perimeter	The length of the lines around a shape.	
horizontal	Something that runs from left to right.	
vertical	Something that runs from top to bottom.	
diagonal	Something that runs from top left to bottom right or top right to bottom left.	
parallel	Two objects, for example two lines, that are always the same distance apart.	
perpendicular	Two objects that meet at a right angle (90 degrees).	
radius	The distance in a circle between the centre point and the perimeter.	
diameter	The straight distance through the centre of a circle from one edge to another.	
vertex	The corner of a shape.	
circumference	The distance around the edge of a circle.	



to bisect	To divide something into two equal parts.	
concave	A shape with a section pushed inwards, like a dent.	
right angle	An angle that is 90 degrees.	
acute	An angle that is less than 90 degrees.	
obtuse	An angle that is greater than 90 degrees but less than 180 degrees.	
convex	A shape with a section pushed outwards.	
straight angle	An angle that is 180 degrees.	
reflex angle	An angle that is more than 180 degrees.	
full angle	An angle that is 360 degrees.	