
























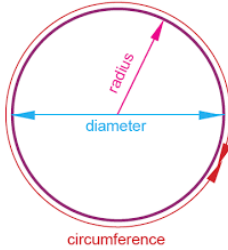

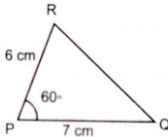
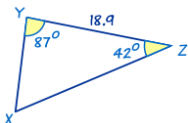
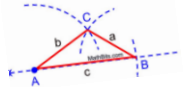


Unit 7 - Angles				Unit 6/7 – triangles and quadrilaterals			
No.	Question	Answer	Example	No.	Question	Answer	Example
8.1	What is an angle less than 90° ?	Acute		6.1	What are the properties of an equilateral triangle?	All angles are the same size and all sides are the same length.	
8.2	What is an angle between 90° and 180° ?	Obtuse		6.2	What are the properties of a scalene triangle?	All angles are different sizes and all sides are different lengths.	
8.3	What is an angle greater than 180° ?	Reflex		6.3	What are the properties of a right-angled triangle?	Contains one angle of 90°	
8.4	What is a right angle?	90°		6.4	What are the properties of an isosceles triangle?	Has 2 sides of equal length and 2 angles of equal size	
8.5	Adjacent angles on a straight line sum to...	180°					
8.6	Angles around a point sum to...	360°					
8.7	Vertically opposite angles are...	Equal					
8.8	Interior angles in a triangle...	sum to 180°					
8.9	Interior angles in a quadrilateral...	sum to 360°					
8.10	What is a transversal	A line which intersects two parallel lines					
8.11	What does parallel mean?	2 lines at an equal distance apart that will never intersect					
8.12	Alternate angles...	are equal					
8.13	Corresponding angles...	are equal					
8.14	Co-interior angles...	add up to 180					
8.15	What does perpendicular mean?	2 lines that meet at a 90° angle					

Top tips for angles

- When identifying the relationship between a pair of angles colour round each of the given angles and connect them, what shape do they make?
- Z-> Alternate angles
- F-> corresponding angles
- C-> Co-interior (allied/ supplementary)

Unit 8 - triangles and quadrilaterals			
No.	Question	Answer	Example
6.5	What are the properties of a square?	<ol style="list-style-type: none"> All of its sides are the same length. All of its angles are equal (90°) It has 2 pairs of parallel sides 	
6.6	What are the properties of a rectangle?	<ol style="list-style-type: none"> Opposite sides are the same length All of its angles are equal (90°) It has 2 pairs of parallel sides 	
6.7	What are the properties of a rhombus?	<ol style="list-style-type: none"> All sides are the same length None of its angles are 90° It has 2 pairs of parallel sides 	
6.8	What are the properties of a parallelogram?	<ol style="list-style-type: none"> Opposite sides are the same length None of its angles are 90° It has 2 pairs of parallel sides 	
6.9	What are the properties of a kite?	<ol style="list-style-type: none"> Adjacent sides are the same length 1 pair of opposite angles are equal It has 0 pairs of parallel lines 	
6.10	What are the properties of a trapezium?	<ol style="list-style-type: none"> It has 1 pairs of parallel lines In the special case of an isosceles trapezium it has 1 pair of opposite sides of equal length 	

Unit 9- Constructions			
No.	Question	Answer	Example
9.1	What is the radius?	The distance from the centre to the circumference of the circle	
9.2	What is the diameter?	A straight line going through the centre connecting 2 points on the circumference.	
9.3	What is a circumference?	The distance around the outside of a circle, Every point on the circumference is equidistant from the centre	
9.4	What is the arc?	Part of the circumference of a circle All points are equidistant from the centre	
9.5	What equipment is needed for SAS triangle?	<ol style="list-style-type: none"> Ruler protractor 	
9.6	What equipment is needed for a ASA triangle?	<ol style="list-style-type: none"> Ruler protractor 	
9.7	What equipment is needed for a SSS triangle?	<ol style="list-style-type: none"> Ruler A pair of compasses 	
9.8	What is an example of an impossible triangle?	The two shorter lengths must sum to a value equal or greater than the longest side	e.g. 9cm, 1cm and 3cm