

Unit 6/7 – triangles and quadrilaterals			
No.	Question	Answer	Example
6.1	What are the properties of an equilateral triangle?	All angles are the same size and all sides are the same length.	
6.2	What are the properties of a scalene triangle?	All angles are different sizes and all sides are different lengths.	
6.3	What are the properties of a right-angled triangle?	Contains one angle of 90°	
6.4	What are the properties of an isosceles triangle?	Has 2 sides of equal length and 2 angles of equal size	
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 8 – angles			
No.	Question	Answer	Example
8.1	What is an angle less than 90°?	Acute	
8.2	What is an angle between 90° and 180°?	Obtuse	
8.3	What is an angle greater than 180°?	Reflex	
8.4	What is a right angle?	90°	
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	All angles in an equilateral triangle...	are 60°	
8.11	Alternate angles...	are equal	
8.12	Corresponding angles...	are equal	
8.13	Co-interior angles...	add up to 180	
8.14	What does parallel mean?	2 lines at an equal distance apart that will never intersect	
8.15	What does perpendicular mean?	2 lines that meet at a 90° angle	

Unit 9 - area			
No.	Question	Answer	Example
9.1	1cm	10mm	
9.2	1m	100cm	
9.3	1km	1000m	
9.4	1g	10mg	
9.5	1kg	1000g	
9.6	1l	1000ml	
9.7		$\text{km} \begin{matrix} \xrightarrow{\times 1000} \\ \xleftarrow{\div 1000} \end{matrix} \text{m} \begin{matrix} \xrightarrow{\times 100} \\ \xleftarrow{\div 100} \end{matrix} \text{cm} \begin{matrix} \xrightarrow{\times 10} \\ \xleftarrow{\div 10} \end{matrix} \text{mm}$	
9.8		$\text{Kg} \begin{matrix} \xrightarrow{\times 1000} \\ \xleftarrow{\div 1000} \end{matrix} \text{g} \begin{matrix} \xrightarrow{\times 1000} \\ \xleftarrow{\div 1000} \end{matrix} \text{mg}$	
9.9		$\text{l} \begin{matrix} \xrightarrow{\times 1000} \\ \xleftarrow{\div 1000} \end{matrix} \text{ml}$	
9.10		$\text{mm}^2 \begin{matrix} \xrightarrow{+10^2} \\ \xleftarrow{\times 10^2} \end{matrix} \text{cm}^2 \begin{matrix} \xrightarrow{+100^2} \\ \xleftarrow{\times 100^2} \end{matrix} \text{m}^2 \begin{matrix} \xrightarrow{+1000^2} \\ \xleftarrow{\times 1000^2} \end{matrix} \text{km}^2$	
9.11	Area of a rectangle...	length x width	
9.12	Area of a parallelogram...	base x perpendicular height	
9.13	Area of a triangle...	$\frac{1}{2}$ base x perpendicular height	
9.14	Area of a trapezium...	$\frac{1}{2}(a + b) \times h$	