



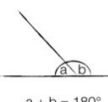
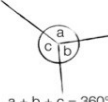
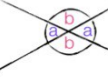
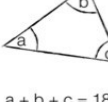
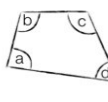
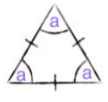

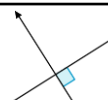







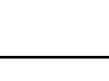






Unit 8 - measuring		
No.	Question	Answer
8.1	Distance	Measured in kilometres, metres, centimetres and millimetres
8.2	Mass	Measured in kilograms, grams and milligrams
8.3	Volume	Measured in litres and millilitres
8.4	1cm	10mm
8.5	1m	100cm
8.6	1km	1000m
8.7	1g	10mg
8.8	1kg	1000g
8.9	1l	1000ml
8.10	$\text{km} \begin{matrix} \xrightarrow{\times 1000} \\ \xleftarrow{\div 1000} \end{matrix} \text{m} \begin{matrix} \xrightarrow{\times 100} \\ \xleftarrow{\div 100} \end{matrix} \text{cm} \begin{matrix} \xrightarrow{\times 10} \\ \xleftarrow{\div 10} \end{matrix} \text{mm}$	
8.11	$\text{Kg} \begin{matrix} \xrightarrow{\times 1000} \\ \xleftarrow{\div 1000} \end{matrix} \text{g} \begin{matrix} \xrightarrow{\times 1000} \\ \xleftarrow{\div 1000} \end{matrix} \text{mg}$	
8.12	$\text{l} \begin{matrix} \xrightarrow{\times 1000} \\ \xleftarrow{\div 1000} \end{matrix} \text{ml}$	

Unit 9 – angles			
No.	Question	Answer	Example
9.1	What is an angle less than 90°?	Acute	
9.2	What is an angle between 90° and 180°?	Obtuse	
9.3	What is an angle greater than 180°?	Reflex	
9.4	What is a right angle?	90°	
9.5	Adjacent angles on a straight line sum to...	180°	 $a + b = 180^\circ$
9.6	Angles around a point sum to...	360°	 $a + b + c = 360^\circ$
9.7	Vertically opposite angles are...	Equal	
9.8	Interior angles in a triangle...	sum to 180°	 $a + b + c = 180^\circ$
9.9	Interior angles in a quadrilateral...	sum to 360°	 $a + b + c + d = 360^\circ$
9.10	All angles in an equilateral triangle...	are 60°	 $a = 60^\circ$
9.11	What does parallel mean?	2 lines at an equal distance apart that will never intersect	
9.12	What does perpendicular mean?	2 lines that meet at a 90° angle	

Unit 10/11 – triangles and quadrilaterals			
No.	Question	Answer	Example
10.1	What are the properties of an equilateral triangle?	All angles are the same size and all sides are the same length.	
10.2	What are the properties of a scalene triangle?	All angles are different sizes and all sides are different lengths.	
10.3	What are the properties of a right-angled triangle?	Contains one angle of 90°	
10.4	What are the properties of an isosceles triangle?	Has 2 sides of equal length and 2 angles of equal size	
10.5	What are the properties of a square?	<ol style="list-style-type: none"> <li>All of its sides are the same length.</li> <li>All of its angles are equal (90°)</li> <li>It has 2 pairs of parallel sides</li> </ol>	
10.6	What are the properties of a rectangle?	<ol style="list-style-type: none"> <li>Opposite sides are the same length</li> <li>All of its angles are equal (90°)</li> <li>It has 2 pairs of parallel sides</li> </ol>	
10.7	What are the properties of a rhombus?	<ol style="list-style-type: none"> <li>All sides are the same length</li> <li>None of its angles are 90°</li> <li>It has 2 pairs of parallel sides</li> </ol>	
10.8	What are the properties of a parallelogram?	<ol style="list-style-type: none"> <li>Opposite sides are the same length</li> <li>None of its angles are 90°</li> <li>It has 2 pairs of parallel sides</li> </ol>	
10.9	What are the properties of a kite?	<ol style="list-style-type: none"> <li>Adjacent sides are the same length</li> <li>1 pair of opposite angles are equal</li> <li>It has 0 pairs of parallel lines</li> </ol>	
10.10	What are the properties of a trapezium?	<ol style="list-style-type: none"> <li>It has 1 pairs of parallel lines</li> <li>In the special case of an isosceles trapezium it has 1 pair of opposite sides of equal length</li> </ol>	

FDP			
No.	Percentage	Fraction	Decimal
13.1	25%	$\frac{1}{4}$	0.25
13.2	50%	$\frac{1}{2}$	0.5
13.3	75%	$\frac{3}{4}$	0.75
13.4	12.5%	$\frac{1}{8}$	0.125
13.5	20%	$\frac{1}{5}$	0.2
13.6	33. $\dot{3}$	$\frac{1}{3}$	0. $\dot{3}$
13.7	66. $\dot{6}$	$\frac{2}{3}$	0. $\dot{6}$
13.8	10%	$\frac{1}{10}$	0.1
13.9	20%	$\frac{2}{10} = \left(\frac{1}{5}\right)$	0.2
13.10	30%	$\frac{3}{10}$	0.3
13.11	40%	$\frac{4}{10} = \left(\frac{2}{5}\right)$	0.4
13.12	50%	$\frac{5}{10}$	0.5
13.13	60%	$\frac{6}{10} = \left(\frac{3}{5}\right)$	0.6
13.14	70%	$\frac{7}{10}$	0.7
13.15	80%	$\frac{8}{10} = \left(\frac{4}{5}\right)$	0.8
13.16	90%	$\frac{9}{10}$	0.9
13.17	100%	1 whole	1

Unit 13 - fractions			
No.	Question	Answer	Example
13.18	What is the numerator?	The top part of a fraction	$\frac{2}{3}$ Numerator Vinculum Denominator
13.19	What is the denominator?	The bottom part of a fraction	
13.20	What is the vinculum?	The division line in a fraction	
13.21	How do you find an equivalent fraction?	$\times \div$ numerator AND denominator by the same number	$\frac{5}{7} = \frac{10}{14} = \frac{30}{42}$ (Multiplying by 2 and 3)
13.22	How do you simplify a fraction?	$\div$ the numerator and the denominator by their HCF	$\frac{36}{48} = \frac{3}{4}$ (Dividing by 12)
13.23	How do you convert mixed to improper?	Draw a bar model!	
13.34	How do you convert improper to mixed?	Draw a bar model!	
13.25	How do you compare and order fractions?	1. Make the denominators the same OR 2.. Convert to decimals	
13.26	How do you convert fractions to decimals?	1. Find an equivalent fraction with a denominator of 10 or 100 OR 2. Use bus stop division	$\frac{3}{5} = \frac{6}{10} \quad \frac{6}{10} = 0.6$ (Multiplying by 2)

Unit 14 – fractions of an amount			
No.	Question	Answer	Example
14.1	How do you find a fraction of an amount?	$\div$ by denominator $\times$ by numerator	$\frac{3}{5}$ of 20  $20 \div 5 = 4$ $4 \times 3 = 12$
14.2	How do you find the whole, given the fractional part?	$\div$ by numerator $\times$ by denominator	$\frac{2}{7}$ of a number is 6. What is the number?  $6 \div 2 = 3$ $3 \times 7 = 21$

Unit 15 – multiply and divide fractions			
No.	Question	Answer	Example
15.1	How do you multiply fractions?	1. Multiply the numerators 2. Multiply the denominators	$\frac{5}{6} \times \frac{3}{4} = \frac{5 \times 3}{6 \times 4} = \frac{15}{24}$
15.2	How do you divide fractions?	1. Find equivalent fractions with LCM as denominator 2. Divide numerators	$\frac{5}{6} \div \frac{1}{4}$ $= \frac{10}{12} \div \frac{3}{12}$ $= \frac{10}{3}$
15.3	How do you add fractions?	1. Find equivalent fractions with LCM as denominator 2. Add	$\frac{5}{6} + \frac{1}{4}$ $= \frac{10}{12} + \frac{3}{12}$ $= \frac{13}{12}$
15.4	How do you subtract fractions?	1. Find equivalent fractions with LCM as denominator 2. Subtract	$\frac{5}{6} - \frac{1}{4}$ $= \frac{10}{12} - \frac{3}{12}$ $= \frac{7}{12}$

Date (week commencing)	Numbers to learn
25 <sup>th</sup> Feb	13.1 – 13.17
4 <sup>th</sup> Mar	13.1 – 13.17
11 <sup>th</sup> Mar	13.18 – 13.26
18 <sup>th</sup> Mar	13.18 – 14.2
25 <sup>th</sup> Mar	14.1 – 15.4
1 <sup>st</sup> Apr	13.1 – 15.4