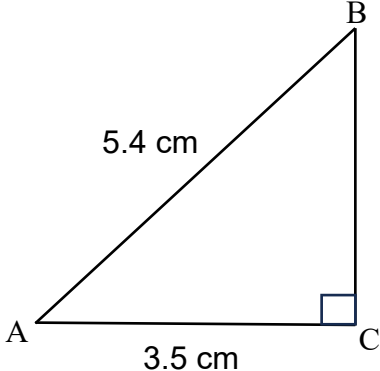
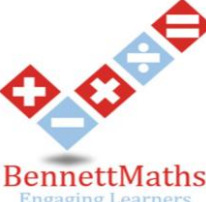
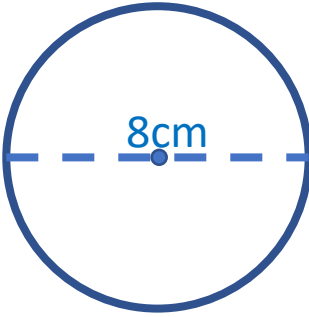
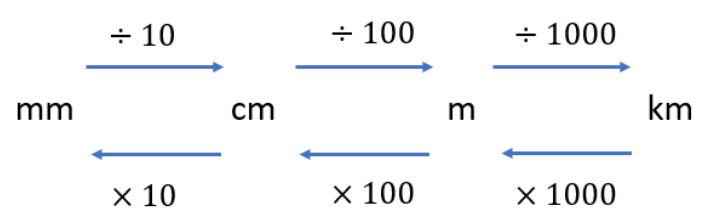
 Questions	Maths Paper 3 - Foundation													
Find the nth term of 3,9,15,21..	Solve $x + 6 = 10$ Solve $\frac{x}{6} = 10$	A number, n, is rounded to 1d.p. The result is 43.2. Complete the error interval $___\leq n < ___\$												
Complete the table <table border="1" data-bbox="45 718 782 1043"> <thead> <tr> <th>Fraction</th><th>Decimal</th><th>Percentage</th></tr> </thead> <tbody> <tr> <td>$\frac{3}{4}$</td><td></td><td></td></tr> <tr> <td></td><td>0.03</td><td></td></tr> <tr> <td></td><td></td><td>80%</td></tr> </tbody> </table>	Fraction	Decimal	Percentage	$\frac{3}{4}$				0.03				80%	Work out the length of BC 	The width of a cube is 5cm. Work out the volume of the cube.
Fraction	Decimal	Percentage												
$\frac{3}{4}$														
	0.03													
		80%												
Expand $4x(x + 5)$ Expand and simplify $4(x + 5) - 2(3x + 3)$	Express 60 as a product of prime factors Find the HCF of 60 and 90	Make x the subject $3x + y = 15$												

 Questions	Maths Paper 3 - Foundation	
$y = 4x + z$ (a) Work out y when $x = 3$ & $z = -5$ (b) Work out x when $y = 10$ & $z = 2$	(a) Convert 15cm into mm (b) Convert 45mm into cm (c) Convert 0.3kg into grams (d) Convert 6000ml into litres	A film starts at 14:20 and lasts for 85 minutes. Work out the time that the film finishes.
What name is given to half of the diameter.	A number, n, is rounded to the nearest whole number. The result is 26. Complete the error interval for n $\dots \leq n < \dots$	Find the area of 
A car travels 40 miles in 2 hours. Work out the speed that the car is travelling	Work out: $\sqrt{\frac{9.3 \times \tan(30)}{0.273}}$	How many lines of symmetry does a regular hexagon have?

 BennettMaths Engaging Learners <u>Examples/</u> <u>Key words</u>	<u>Maths Paper 3 - Foundation</u>	
Convert 3200 into standard form $3200 = 3.2 \times 10^3$ Work out $4.2 \times 10^4 + 8 \times 10^3$. Give your answer in standard form $42,000 + 8000 = 50,000$ $50,000 = 5 \times 10^4$	Ordering FDP. Convert all values to decimals Percentage to decimal = $\div 100$ Fraction to decimal = top $\div$ bottom	Estimate = make the question easier by rounding Evaluate = work out the answer Express = Write in the different way Simplify = Change the appearance
Volume of a cube = base x height x depth Volume of a cylinder = $\pi \times r^2 \times depth$ Remember to keep your answer in terms of π, unless asked to estimate. $\pi \approx 3$	The volume of a shape is 20cm^3. The mass of the shape is 120g. Find the density. Density = $\text{g}:\text{cm}^3$ $120:20$ $6:1$ Density = $6\text{g}/\text{cm}^3$	Angles in regular polygons: Sum of the interior angles = $(n - 2) \times 180$ To find an interior angle = $\frac{\text{total}}{n}$ n= number of angles/sides. Sum of the exterior angles = 360° To find an exterior angle = $\frac{360}{n}$ n= number of angles/sides
	Area of a circle = $\pi \times r^2$ Circumference = $\pi \times d$	Mean = add together the values and divide by how many there are Median = list in order and find the middle value Mode = The number that appears the most