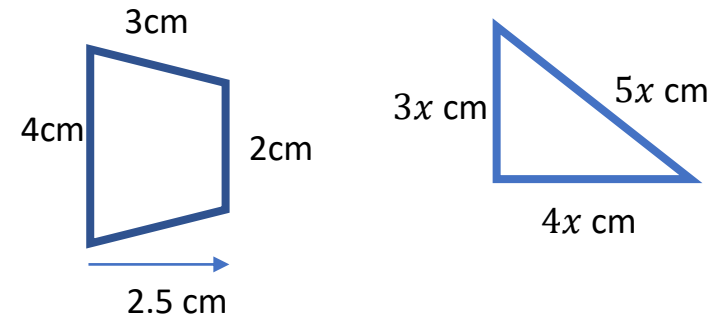


 BennettMaths Engaging Learners Questions	Maths Paper 3 - Foundation	
Make x the subject of the formula (i) $y = mx + c$ (ii) $y = 4x^2 + 1$	Solve $4x + 8 = 2x + 13$ Solve $\frac{4x + 8}{2} = 6x - 6$	Ben is twice as old as Allan. Charles is 5 years older than Allan. Write an expression for the sum of their ages
A car travels 81 miles in 2 hours and 15 minutes. Work out the average speed for the journey.	Express 30:15 in the form $n:1$ Express 20:12 in the form $n:1$	Find the area of the shapes below 
Expand $y(3y + 6)$ Expand $2(4x - 3) + 3(x - 3)$	Factorise $12x + 15$ Factorise $12y^2 + 17y$	Express 35 as a percentage of 70 Express 21 as a percentage of 80

Examples/ Key words	Maths Paper 3 - Foundation	
Frequency Polygons Plot the midpoint (single value if there is no range of data) and frequency. Join the points together from left to right (do not join the last and first point together).	Bearings: • Always measure the north direction • Always go clockwise • Must have 3 digits	Estimate = make the question easier by rounding Evaluate = work out the answer Express = Write in the different way Simplify = Change the appearance
Lowest Common Multiple (LCM) List the times tables for each number and find the smallest number that appears in both lists.	Median = order numbers then find the middle value Range = largest value minus smallest value	
Area of a rectangle = $\frac{\text{base} \times \text{height}}{2}$ Angles in a triangle = 180° Vertically opposite angles are equal.	Pythagoras' theorem = $a^2 + b^2 = c^2$ C is always opposite the right angle	Percentage to Fraction. Use the percentage as the numerator and use 100 as the denominator