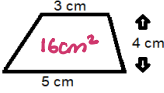


MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	SUNDAY
<h1>DECEMBER 2018</h1>					1	2
					4 bricklayers lay 3600 bricks in 6 hours. How many bricks can be laid by 3 men in 5 hours? $4 \text{ men} = 600 \frac{\text{bricks}}{\text{hour}}$ $1 \text{ man} = 150 \frac{\text{bricks}}{\text{hour}}$	$150 \times 3 \times 5 = 2250$
Calculate $2\frac{3}{7} - \frac{4}{7} = 1\frac{6}{7}$	A square has a perimeter of 40cm what is its area? 100cm^2	Solve $5x - 3 = 21$ $5x = 24$ $x = \frac{24}{5} = 4.8$	Without a calculator, work out $486 \div 18$ 26	Work out 150% of 300 $1.5 \times 300 = 450$	A car will depreciate by 20% its original value every year. $100 \times 0.8 = 80$ $80 \times 0.8 = 64$ After how many years is it worth less than half the original value? $80 \times 0.8 = 64$ $64 \times 0.8 = 51.2$ $51.2 \times 0.8 = 40.96$ 4 years	
Share 1980 in the ratio 4:7 $720 : 1260$	Calculate the area 	What is the percentage increase from £480 to £600? $600 - 480 = 120$ $\frac{120}{480} \times 100 = 25\%$	Write as an improper fraction $3\frac{6}{15} = \frac{51}{15}$	Write 106 500 in standard form 1.065×10^5	Jasmine can decorate 37 cakes every 5 minutes. She works for 7 hours a day. Estimate the total number of cakes she can decorate in one day. $37 \times 5 \text{ mins} = 185 \text{ mins}$ $185 \div 5 = 37 \text{ cakes}$ $37 \times 7 = 259$ $500 \times 7 = 3500$ (over estimate)	
What is the 3 rd square number multiplied by the 2 nd cube number? $9 \times 8 = 72$	Write 136 as a product of its prime factors. $2^3 \times 17$	Expand $4x^2(2x - 1)$ $8x^3 - 4x^2$	What information must be given to describe an enlargement? Scale factor and centre of enlargement	Factorise $x^2 + 8x + 15$ $(x + 3)(x + 5)$	Think of a number between 0 and 20. Add 32 to it. Multiply by 2. Now close your eyes ... its dark isn't it?? Have a break ... its Christmas!	
Helen & Nicola share some money in the ratio 1:3. What fraction of the total does Helen have? $\frac{1}{4}$	Write 0.0378×10^3 in standard form 3.78×10	Calculate $4 + 3 \times 5 - 1$ $= 4 + 15 - 1 = 18$	How many prime numbers are there between 0 and 100? 26	Round 0.269 to the 2 significant figures 0.27	The perimeter of the triangle is 64 cm. The sides are in the ratio 6:5:5 Calculate the area of the triangle height = $\frac{10}{2} = 5$ $5 \times 16 = 80$ Area = $\frac{1}{2} \times 24 \times 16 = 192 \text{ cm}^2$	
What number is halfway between $\frac{1}{2}$ and $1\frac{1}{4}$? $1\frac{3}{8}$	<h2>REMEMBER: THE BEST WAY TO REVISE MATHS IS TO "DO MATHS"!</h2>					