## A LITTLE BIT OF MATHS EVERY DAY ...

					A LITTLE BIT OF MAT	HOLVERI DAI
Monday	Tuesday	WEDNESDAY	THURSDAY	FRIDAY	Saturday	SUNDAY
DECEMBER 2016			What is the cube root of 64?	Write 0.03 as a percentage?	A pack of 12 loo rolls costs £4.44  A pack of 9 loo rolls costs £3.33  Which pack offers the best value?  12 rolls 9:035  4:44:12 3:33:9  price!!  = 0:37 0:37	
Write III as a product of its prime factors  3 × 37	counters as red counters in a bag.  Write down the ratio of red counters: blue counters  1:2	Calculate: 7  Calculate: 7  5  of 56  8  35	Calculate $8 \times 10^{-2} \div 2 \times 10^{-3}$ $8 \times 10^{-2}$ $2 \times 10^{-3}$ $4 \times 10' = 40$	Factorise $3x^{3}y^{4} - xy^{2}$ $xy^{2}(3x^{2}y^{2} - 1)$	<b>10</b> Newcastle is 240 miles a He drives 90 miles in one and a l	nalf hours and he left home at am. <b>60mph</b> ime for a meeting at 3 pm?  The same speed for 2:30
Which is larger?  0.038 × 10 <sup>2</sup> = <b>3.8</b> or 3800 × 10 <sup>-2</sup> - <b>38 3806 × 10<sup>-2</sup></b>	Without a calculator. work out:	rnnes, 2357 II, IS 14 True or False? "When you square a prime number you always get an odd number." 22=4 FALSE.	Calculate 11 557 ÷ 13 889	Simplify $m^2 \times m^{-4}$ $m^{-2}$	What is the area of this shape?	18 12+16 18 12 2 cm
Simplify		If a <u>square</u> has a perimeter of 24 cm what is its area?	What is 8 out of 32 as a percentage?	What is 84.000 less than 100 million? 99,916,000	A car will depreciate by 10% per year. If it is worth £4000 today how much will it be worth in 2 years time?	MERRY CHRISTMAS HAVE THE DAY OFF!
Expand & simplify $(x - 4)(x + 5)$ $x^{2} + x - 20$	List all the factors of 40  1, 40 1,2,4,5,8, 4,10 10,20,40 5,8	Calculate: $\frac{2}{3} + \frac{5}{8}$	29 40% of a number is 120 Work out the number. 40% = 120 10% = 30 100% = 30	Is this correct? <b>4ES</b> $7\frac{1}{2} - 4\frac{2}{3} = 2\frac{5}{6}$ $5\frac{15}{2} - \frac{14}{3} = \frac{45}{6} - \frac{28}{6} = \frac{13}{6} = \frac{13}{6$	The total cost of 3 pens and 4 pencils is £1.84 The total cost of 5 pens and 2 pencils is £1.76 How much is 1 pen?	REMEMBER: THE BEST WAY TO REVISE MATHS IS TO "DO MATHS"!