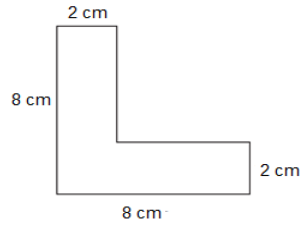
A LITTLE BIT OF MATHS EVERY DAY ...

DECEMBER 2016

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	SUNDAY
			1 What is the cube root of 64?	2 Write 0.03 as a percentage?	3 A pack of 12 loo rolls costs £4.44 A pack of 9 loo rolls costs £3.33 Which pack offers the best value?	4
5 Write 111 as a product of its prime factors	6 There are twice as many blue counters as red counters in a bag. Write down the ratio of red counters : blue counters	7 Calculate: $\frac{5}{8}$ of 56	8 Calculate $8 \times 10^{-2} \div 2 \times 10^{-3}$	9 Factorise $3x^3y^4 - xy^2$	10 Newcastle is 240 miles away from Robs home. He drives 90 miles in one and a half hours and he left home at 10:30 am. Will he arrive in Newcastle in time for a meeting at 3 pm?	11
12 Which is larger? 0.038×10^2 or 3800×10^{-2}	13 Without a calculator, work out: 9 111 - 8 543	14 True or False? "When you square a prime number you always get an odd number."	15 Calculate 11 557 ÷ 13	16 Simplify $m^2 \times m^{-4}$	17 What is the area of this shape?  	18
19 Simplify $a^2 - 3a + 5a^2 - 4$	20 Calculate 2.25% of £60	21 If a square has a perimeter of 24 cm what is its area?	22 What is 8 out of 32 as a percentage?	23 What is 84.000 less than 100 million?	24 A car will depreciate by 10% per year. If it is worth £4000 today how much will it be worth in 2 years time?	25 MERRY CHRISTMAS HAVE THE DAY OFF!
26 Expand & simplify $(x - 4)(x + 5)$	27 List all the factors of 40	28 Calculate: $\frac{2}{3} + \frac{5}{8}$	29 40% of a number is 120 Work out the number.	30 Is this correct? $7\frac{1}{2} - 4\frac{2}{3} = 2\frac{5}{6}$	31 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"!

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