


A LITTLE BIT OF MATHS EVERY DAY ...

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	SUNDAY											
<h1>FEBRUARY '18</h1>			1 Write 72 as a product of its prime factors	2 Convert the below fraction to a % $\frac{2}{5}$	3 4 A cube has a surface area of 36cm^2 What is the volume of the cube? 												
5 I have 6 red pens, 4 blue pens and 3 green pens. What is the probability of choosing a green pen?	6 Share £360 in the ratio 1:3:5	7 Solve $2(4x - 4) = 4$	8 Without a calculator work out 537.4×4.8	9 Without a calculator $\frac{3}{7} \times 420$	10 11 Alan, Bob and Carl play football. Alan has scored 8 more goals than Carl. Bob has scored 5 more goals than Alan. Altogether they have scored 72 goals. How many goals did they each score?												
12 If Emma travels 10 miles in 20 minutes how many miles will she do in 1 hour 30 minutes?	13 Factorise fully $5xy + 10y^2$ Expand $4(2m + 1)$	14 Solve $5x + 1 > x + 13$	15 Write 4.31×10^{-3} as an ordinary number.	16 Solve by factorising. $x^2 + 8x + 15 = 0$	17 18 Complete this table for $y = 2x - 3$. <table border="1" data-bbox="1608 815 2152 922"> <tr> <td>x</td> <td>0</td> <td>1</td> <td>2</td> <td>3</td> <td>4</td> </tr> <tr> <td>y</td> <td>-3</td> <td></td> <td>1</td> <td></td> <td>5</td> </tr> </table>	x	0	1	2	3	4	y	-3		1		5
x	0	1	2	3	4												
y	-3		1		5												
19 Without a calculator work out: $1160 \div 5$	20 Pete invests £500 at a rate of 1.5% per year compound interest. Find the value of the investment after 3 years.	21 A square has an area of 100cm^2 . Find its perimeter.	22 Calculate: $\frac{3}{4} + \frac{4}{5}$	23 The nth term of a sequence is given by $3n + 5$. Explain why 21 is not a term in this sequence.	24 25 In a sale, normal prices are reduced by 20%. The normal price of a handbag is reduced by £15. Work out the normal price of the handbag.												
26 What is the Highest Common Factor of 18 and 22?	27 Estimate $\frac{8.6 \times \sqrt{99.7}}{4.34 \times 4.1}$	28 A circle has a radius of 3cm. Work out the circumference of the circle.	REMEMBER: THE BEST WAY TO REVISE MATHS IS TO "DO MATHS"! 