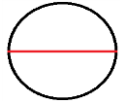


A LITTLE BIT OF MATHS EVERY DAY ... (CROSSOVER)

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	SUNDAY
<h1>NOVEMBER 2018</h1>			1 A "thing" is reduced by 23% in a sale. The reduction is £57.50. What is the normal price of the "thing"?	2 $\frac{3}{7} \times \frac{3}{8}$	3 4 Three friends played a game. Al scored 5 more points than Chris Bob scored 8 more points than Al. They scored a total of 69 points. Find the number of points that each of them scored.	
5 $\frac{5}{9} - \frac{1}{3}$	6 m is an integer such that $-2 < m \leq 1$ Write down all the possible values of m.	7 share £102 in the ratio 5 : 3 : 4	8 Simplify $p^7 \times p^{-4}$	9 Work out \square 45.6×3.4	10 11 The size of the largest angle in a triangle is 4 times the size of the smallest angle. The other angle is 36° less than the largest angle. Work out, in degrees, the size of each angle in the triangle. You must show your working.	
12 Write 16.7×10^{-3} in standard form	13 Simplify \square $2m^3 + 3m^3$	14 Work out 27.5% of £9250	15 $0.75 + \frac{2}{5}$	16 £1200 is invested for 3 years at 3.5% compound interest per year. Work out the total interest.	17 18 The equation of the line L_1 is $\square y = 2x - 2$ The equation of the line L_2 is $\square 2y - 8x + 5 = 0$ Are these two lines parallel?	
19 What is the name of the red line? 	20 Find the lowest common multiple (LCM) of 40 and 56	21 $\frac{2}{5} + \frac{4}{7}$	22 The total surface area of a cube is 150 cm^2 . Work out the volume of the cube.	23 Write 50 003 in standard form.	24 25 The nth term of a sequence is $4n^2$ Mel says that the 3rd term of this sequence is 144. Is Mel correct?	
26 $0.75 \div \frac{1}{4}$	27 Solve $3x + 5 = 32$	28 Simplify $(2ab^3)^3$	29 Simplify \square $7 \times e \times f \times 8$	30 Simplify $\frac{24p^3r^2}{6pr}$	<h2>REMEMBER: THE BEST WAY TO REVISE MATHS IS TO "DO MATHS"!</h2>	