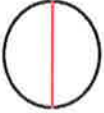


A LITTLE BIT OF MATHS EVERY DAY ... (CROSSOVER)

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	SUNDAY
<h1>NOVEMBER 2018</h1>						
<p>5 $\frac{1}{9} - \frac{1}{3} = \frac{2}{9}$</p>	<p>6 m is an integer such that $-2 < m \leq 1$. Write down all the possible values of m. -1, 0, 1</p>	<p>7 share £102 in the ratio 5 : 3 : 4 £42.50 £25.50 £34.00</p>	<p>8 Simplify $p^7 \times p^{-4}$ p^3</p>	<p>9 Work out \square 45.6×3.4 155.04</p>	<p>10 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. AL - 22 Bob - 30 Chris - 17</p>	<p>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. $24^\circ, 60^\circ, 96^\circ$</p>
<p>12 Write 16.7×10^{-3} in standard form 1.67×10^{-2}</p>	<p>13 Simplify $2m^3 + 3m^3$ $5m^3$</p>	<p>14 Work out 27.5% of £9250 £2543.75</p>	<p>15 Simplify $\frac{23}{20} \div \frac{13}{20}$ $0.75 + \frac{2}{5}$ 1.15</p>	<p>16 £130.46 £1200 is invested for 3 years at 3.5% compound interest per year. Work out the total interest. 5.0003 x 10⁴</p>	<p>17 The equation of the line L_1 is $3y = 2x - 2$. The equation of the line L_2 is $2y - 8x + 5 = 0$. Are these two lines parallel? No as different gradients</p>	<p>18 The nth term of a sequence is $4n^2$. Mel says that the 3rd term of this sequence is $4 \times 3^2 = 36$. Is Mel correct? NO</p>
<p>19 Diameter What is the name of the red line? </p>	<p>20 Find the lowest common multiple (LCM) of 40 and 56 280</p>	<p>21 Simplify $\frac{2}{5} + \frac{4}{7}$ $\frac{34}{35}$</p>	<p>22 The total surface area of a cube is 150 cm^2. Work out the volume of the cube. 125 cm³</p>	<p>23 Write 50 003 in standard form. 5.0003×10^4</p>	<p>24 REMEMBER: THE BEST WAY TO REVISE MATHS IS TO "DO MATHS"!</p>	<p>25</p>
<p>26 $0.75 \div \frac{1}{4}$ 3</p>	<p>27 Solve $3x + 5 = 32$ 9</p>	<p>28 Simplify $(2ab^3)^3$ $8a^3b^9$</p>	<p>29 Simplify $7 \times e \times f \times 8$ 56ef</p>	<p>30 Simplify $\frac{24p^3r^2}{6pr}$ 4p²r</p>		