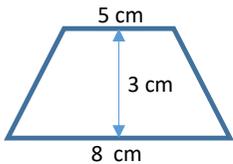


A LITTLE BIT OF MATHS EVERY DAY ...

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	SUNDAY
<p>REMEMBER: THE BEST WAY TO REVISE MATHS IS TO "DO MATHS"!</p> 				<p style="text-align: right;">1</p> <p>$\frac{2}{3}$ of a number is 24.</p> <p>What is $\frac{1}{9}$ of the number?</p>	<p style="text-align: right;">2</p> <p>300g of mints and 200 g of boiled sweets cost a total of £5.49</p> <p>400g of boiled sweets cost £3.00</p> <p>Work out the cost of 100g of mints.</p>	<p style="text-align: right;">3</p>
<p style="text-align: right;">4</p> <p>Which is larger?</p> <p>160×10^{-3} or 1.6×10</p>	<p style="text-align: right;">5</p> <p>Without a calculator</p> <p>$\frac{2}{7}$ of 420</p>	<p style="text-align: right;">6</p> <p>What is the LCM of 12 and 20?</p>	<p style="text-align: right;">7</p> <p>What is the HCF of 24 and 56?</p>	<p style="text-align: right;">8</p> <p>Without a calculator</p> <p>$1\frac{2}{7}$ of 420</p>	<p style="text-align: right;">9</p> <p>Emma wants new floor tiles for her bathroom. She works out she needs a total of 600 tiles. Emma wants to use white tiles and black tiles. She is going to use 3 white tiles to every 7 black tiles. How many of each colour does she need?</p>	<p style="text-align: right;">10</p>
<p style="text-align: right;">11</p> <p>The range of two numbers is 17. The smallest number is -8. What is the largest number?</p>	<p style="text-align: right;">12</p> <p>A square has a perimeter of 100cm^2. What is its area?:</p>	<p style="text-align: right;">13</p> <p>Estimate</p> $\frac{3.92^2 \times \sqrt{16.32}}{8 \times 0.24}$	<p style="text-align: right;">14</p> <p>Write 400 g : 1 kg in the form 1 : n.</p>	<p style="text-align: right;">15</p> <p>Divide 405 in the ratio 4:11</p>	<p style="text-align: right;">16</p> <p>If it takes 2 builders 3 days to build a wall. How long will it take 3 builders?</p>	<p style="text-align: right;">17</p>
<p style="text-align: right;">18</p> <p>Write 360 in the form $2^a \times 3^b \times 5^c$</p>	<p style="text-align: right;">19</p> <p>Put a pair of brackets in the following to make it correct: $2 \times 4^2 - 2 = 62$</p>	<p style="text-align: right;">20</p> <p>How many hours is 270 minutes?</p>	<p style="text-align: right;">21</p> <p>Solve</p> $5(x + 3) = 3x - 4$	<p style="text-align: right;">22</p> <p>Calculate the area</p> 	<p style="text-align: right;">23</p> <p>$3a + 2b = 12$ and $6x + 4y = 42$ Which is larger? $9a + 6b$ or $3x + 2y$</p>	<p style="text-align: right;">24</p>
<p style="text-align: right;">25</p> <p>What is the size of an interior angle of a regular pentagon?</p>	<p style="text-align: right;">26</p> <p>Simplify $10t + 4d - 3t + 2d$</p>	<p style="text-align: right;">27</p> <p>Calculate $(-2)^5$</p>	<p style="text-align: right;">28</p> <p>If I use two thirds of a pint of milk a day, how many pints do I use in a week?</p>	<p style="text-align: right;">29</p> <p>Is 105 a term in the sequence?</p> <p>3 6 9 12</p>	<p style="text-align: right;">30</p> <p>Does (3, 14) lie on the line $y = 4x + 1$?</p>	<p style="font-size: 2em; font-weight: bold; color: yellow;">JUNE 2018</p>