

A LITTLE BIT OF MATHS EVERY DAY ...

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	SUNDAY
<div style="display: flex; align-items: center;"> <div style="flex: 1;"> <h1 style="margin: 0;">REMEMBER: THE BEST WAY TO REVISE MATHS IS TO "DO MATHS"!</h1> </div> </div>				<p>1</p> <p>$\frac{2}{3}$ of a number is 24.</p> <p>What is $\frac{1}{9}$ of the number?</p>	<p>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>4</p> <p>Which is larger?</p> <p>160×10^{-3}</p> <p>or</p> <p>1.6×10</p>	<p>5</p> <p>Without a calculator</p> <p>$\frac{2}{7}$ of 420</p>	<p>6</p> <p>What is the LCM of 12 and 20?</p>	<p>7</p> <p>What is the HCF of 24 and 56?</p>	<p>8</p> <p>Without a calculator</p> <p>$1\frac{2}{7}$ of 420</p>	<p>9</p> <p>10</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>11</p> <p>The range of two numbers is 17. The smallest number is -8. What is the largest number?</p>	<p>12</p> <p>A square has a perimeter of 100cm</p> <p>What is its area?:</p>	<p>13</p> <p>Estimate</p> $\frac{3.92^2 \times \sqrt{16.32}}{8 \times 0.24}$	<p>14</p> <p>Write 400 g : 1 kg in the form 1 : n.</p>	<p>15</p> <p>Divide 405 in the ratio 4:11</p>	<p>16</p> <p>17</p> <p>If it takes 2 builders 3 days to build a wall.</p> <p>How long will it take 3 builders?</p>	
<p>18</p> <p>Write 360 in the form</p> <p>$2^a \times 3^b \times 5^c$</p>	<p>19</p> <p>Put a pair of brackets in the following to make it correct:</p> <p>$2 \times 4^2 - 2 = 62$</p>	<p>20</p> <p>How many hours is 270 minutes?</p>	<p>21</p> <p>Solve</p> <p>$5(x + 3) = 3x - 4$</p>	<p>22</p> <p>Calculate the area</p>	<p>23</p> <p>24</p> <p>$3a + 2b = 12$ and $6x + 4y = 42$</p> <p>Which is larger? $9a + 6b$ or $3x + 2y$</p>	
<p>25</p> <p>What is the size of an interior angle of an regular pentagon?</p>	<p>26</p> <p>Simplify</p> <p>$10t + 4d - 3t + 2d$</p>	<p>27</p> <p>Calculate</p> <p>$(-2)^5$</p>	<p>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>29</p> <p>Is 105 a term in the sequence?</p> <p>3 6 9 12</p>	<p>30</p> <p>Does (3, 14) lie on the line $y = 4x + 1$?</p>	
<h1 style="margin: 0; color: orange;">JUNE 2018</h1>						