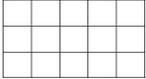
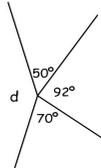
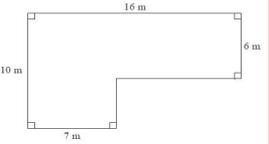


A LITTLE BIT OF MATHS EVERY DAY ...

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	SUNDAY
						
DECEMBER '17						
<p>4</p> <p>Stephanie thinks of a positive number. She squares the number and adds 7. The result is 43. What number did Stephanie think of?</p>	<p>5</p> <p>Simplify $24:60$</p>	<p>6</p> <p>Find 15% of 120</p>	<p>7</p> <p>Add brackets to make the following calculation true $4+12-10+1=7$</p>	<p>8</p> <p>Shade $\frac{3}{5}$ of this shape</p> 	<p>9</p> <p>Using the song 12 days of Christmas calculate</p> $\sqrt{\text{calling birds}^2 + \text{lords a leaping} \times \text{turle doves}}$	<p>10</p> <p>Tom and Amy set the alarms on their phones to sound at 6.45 am. Both alarms sound together at 6.45 am. Tom's alarm then sounds every 9 minutes. Amy's alarm then sounds every 12 minutes. At what time will both alarms next sound together?</p>
<p>11</p> <p>Round 0.0060435 to 3 s.f.</p>	<p>12</p> <p>Add brackets to make the following calculation true $4+12-10+1=7$</p>	<p>13</p> <p>Gavin and Mike share 60 mince pies in a ratio 7:8. How many did they each get?</p>	<p>14</p> <p>Express 15 as a percentage of 50</p>	<p>15</p> <p>Simplify $2e \times 3f + 7e - 5f$</p>	<p>16</p> <p>Paul organised an event for a charity. Each ticket for the event cost £19.95. Paul sold 395 tickets. Paul paid costs of £6000. He gave all money left to the charity. Work out an estimate for the amount of money Paul gave to the charity.</p>	<p>17</p>
<p>18</p> <p>Order the following. Show workings to back up your answer</p> $\frac{7}{10}, 0.07, 77\%, \frac{17}{20}$	<p>19</p> <p>Solve $9x-2=70$</p>	<p>20</p> <p>Write $\frac{11}{8}$ as a mixed number</p>	<p>21</p> <p>Write 111 as a product of its prime factors</p>	<p>22</p> <p>Calculate angle d</p> 	<p>23</p> <p>Father Christmas is going to some reindeer in the field. Each reindeer needs an area of square metres. Work out the greatest number reindeer Father Christmas keep in the field.</p> 	<p>24</p>
<p>25</p> <p>MERRY CHRISTMAS HAVE A DAY OFF!</p>	<p>26</p> <p>True or False Show workings to back up your answer</p> $4\frac{3}{4} \times 2\frac{1}{9} = 8\frac{1}{12}$	<p>27</p> <p>Work out $25.8+12.6 \div 2$</p>	<p>28</p> <p>Write 780026 in words.</p>	<p>29</p> <p>Without using a calculator work out $11557 \div 13$</p>	<p>30</p> <p>Here is a list of eight numbers 4 5 4 25 29 30 33 39 40 From the list, write down</p> <p>a) a factor of 20 b) a multiple of 10 c) a prime number greater than 15</p>	<p>31</p>

REMEMBER: THE BEST WAY TO REVISE MATHS IS TO "DO MATHS"!