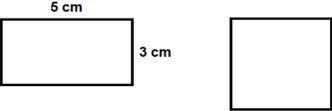
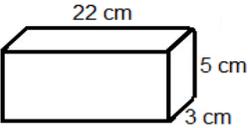


MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	SUNDAY
<h1>JULY 2016</h1> <p>REMEMBER: THE BEST WAY TO REVISE MATHS IS TO "DO MATHS"!</p>				<p>1</p> <p>A TV programme starts at twenty to nine in the evening. Write this as a 24-hour clock time.</p>	<p>2</p> <p>The perimeter of the rectangle is the same as the perimeter of the square. Work out the length of one side of the square.</p> 	<p>3</p>
<p>4</p> <p>What is 6 divided by 0.5?</p>	<p>5</p> <p>Paula is buying a new car for £8500. She has to pay a 15% deposit. How much is the deposit?</p>	<p>6</p> <p>Expand $3x^4y^2(2x^2 + 4xy)$</p>	<p>7</p> <p>List the first seven prime numbers.</p>	<p>8</p> <p>I am thinking of a number between 1 and 20. It is not an even number but it is a multiple of 3 and it is also a square number. What is the number?</p>	<p>9</p> <p>Alan thinks of a number. He multiplies the number by 5 and then subtracts 7. His answer is 5. What number did Alan think of?</p>	<p>10</p>
<p>11</p> <p>5 15 7 16 15 2 29 From the above list, find: - the median - the mean</p>	<p>12</p> <p>A square has an area of $4m^2$. What is the area in cm^2?</p>	<p>13</p> <p>Write down the first 4 terms of the sequence $2n^3 + 3$</p>	<p>14</p> <p>Solve $2p + 2 = 11$</p>	<p>15</p> <p>Solve $7n < 5n + 11$</p>	<p>16</p> <p>Find four different integers between 1 and 9 inclusive that have: - a mean of 6 - a range of 5.</p>	<p>17</p>
<p>18</p> <p>What is the volume?</p> 	<p>19</p> <p>Work out 12.5% of £1100 without a calculator</p>	<p>20</p> <p>All items in a sale are reduced by 60%. How much will a £12 item cost in the sale?</p>	<p>21</p> <p>Expand and simplify: $(2x - 3)(x - 5)$</p>	<p>22</p> <p>A regular polygon has interior angles of 135°. How many sides does this polygon have?</p>	<p>23</p> <p>The height, H cm, of a table is measured as 68 cm correct to the nearest centimetre. Complete the following statement to show the range of possible values of H. $\leq H <$</p>	<p>24</p>
<p>25</p> <p>Simplify $m^{-3} \div m^{-7}$</p>	<p>26</p> <p>Factorise $24p^2q - 8p^2$</p>	<p>27</p> <p>Work out $(4 \cdot 1 \times 10^5) \times 3000$ without a calculator</p>	<p>28</p> <p>Calculate the largest share when £400 is shared in the ratio 1 : 2 : 5.</p>	<p>29</p> <p>Write 501 000 in standard form</p>	<p>30</p> <p>Four of the interior angles of a seven-sided polygon are 111°, 150°, 160° and 170°. The other three interior angles of this polygon are equal. Calculate the size of each of the other three interior angles.</p>	<p>31</p>