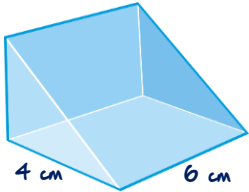
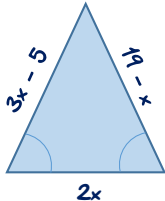
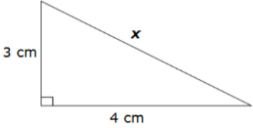


# AUGUST ... A LITTLE BIT OF MATHS EVERY DAY

JustMaths

<p>1 Share 200 in the ratio 3:2</p>	<p>2 Work out <math>0.3 \times 0.2</math></p>	<p>3 Simplify <math>4y + 2x - 3 + 3x + 8</math></p>	<p>4 Work out 70% of 120</p>	<p>5 Work out <math>137 \times 29</math> without a calculator</p>	<p>6 What is the volume of the prism?</p>	
<p>8 Simplify <math>(2a^3)^3</math></p>	<p>9 Work out the perimeter of the triangle</p>		<p>11 Simplify <math>\frac{m^2 \times m^5}{m^3}</math></p>	<p>12 Expand <math>(x + 2)(x - 3)</math></p>	<p>13 Write <math>3.87 \times 10^{-4}</math> as an ordinary number</p>	<p>14 Mel got 32 out of 80 on her maths exam. Write this as a percentage</p>
<p>15 Work out 30% off £19</p>	<p>16 Work out a) <math>0.4 \times 0.8</math> b) <math>0.3 \times 0.05</math></p>	<p>17 Work out <math>148 \times 11</math> without a calculator</p>	<p>18 What is the median of these numbers? 3 12 9 17 3 15 13 13 8 5</p>	<p>19 At the end of 10 basketball games, a teams mean score is 35 points per game. At the end of 11 games, their mean score has gone down to 33 points per game. How many points did the team score in the 11th game?</p>	<p>20 Write <math>3.45 \times 10^4</math> as an ordinary number</p>	
<p>22 Factorise <math>4yx^3 - y^2x^2</math></p>	<p>23 Calculate <math>9 \times 10^4 \times 3 \times 10^3</math> Give your answer in standard form.</p>	<p>24 Write 1104 as a product of its prime factors.</p>	<p>25 Evaluate <math>3^3 + 5^2</math></p>	<p>26 Simplify <math>(a^5)^{-2}</math></p>	<p>27 Simplify the ratio 22 : 14</p>	<p>28 Calculate <math>994 \div 7</math></p>
<p>29 Work out: <math>\frac{2}{5} \times \frac{1}{3}</math></p>	<p>30 Calculate the value of x</p>		<p><b>REMEMBER: THE BEST WAY TO REVISE MATHS IS "TO DO" MATHS!</b></p>			