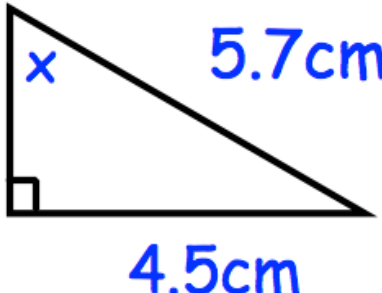
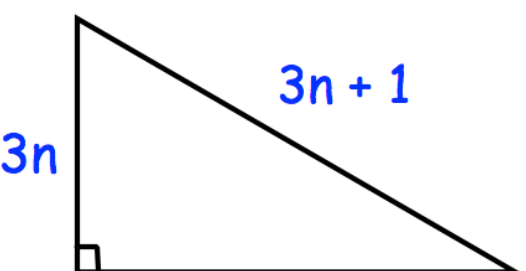


Name: \_\_\_\_\_

August 8	5-a-day	Higher												
<table border="1"><thead><tr><th data-bbox="172 241 443 293">Height (<math>h</math> metres)</th><th data-bbox="443 241 695 293">Frequency</th></tr></thead><tbody><tr><td data-bbox="172 293 443 344"><math>1.50 \leq h &lt; 1.55</math></td><td data-bbox="443 293 695 344">8</td></tr><tr><td data-bbox="172 344 443 396"><math>1.55 \leq h &lt; 1.60</math></td><td data-bbox="443 344 695 396">20</td></tr><tr><td data-bbox="172 396 443 448"><math>1.60 \leq h &lt; 1.65</math></td><td data-bbox="443 396 695 448">24</td></tr><tr><td data-bbox="172 448 443 499"><math>1.65 \leq h &lt; 1.75</math></td><td data-bbox="443 448 695 499">17</td></tr><tr><td data-bbox="172 499 443 551"><math>1.75 \leq h &lt; 1.85</math></td><td data-bbox="443 499 695 551">1</td></tr></tbody></table>	Height ( $h$ metres)	Frequency	$1.50 \leq h < 1.55$	8	$1.55 \leq h < 1.60$	20	$1.60 \leq h < 1.65$	24	$1.65 \leq h < 1.75$	17	$1.75 \leq h < 1.85$	1		Calculate an estimate of the mean.
Height ( $h$ metres)	Frequency													
$1.50 \leq h < 1.55$	8													
$1.55 \leq h < 1.60$	20													
$1.60 \leq h < 1.65$	24													
$1.65 \leq h < 1.75$	17													
$1.75 \leq h < 1.85$	1													
Solve $\frac{7x-3}{2} = 2x+9$														
 <p>A right-angled triangle with a right-angle symbol at the bottom-left corner. The vertical side is labeled <math>x</math>, the horizontal side is labeled <math>4.5\text{cm}</math>, and the hypotenuse is labeled <math>5.7\text{cm}</math>.</p>		Find $x$ .												
Solve the simultaneous equations $2x - 5y = 1$ $8x + 3y = 27$														
 <p>A right-angled triangle with a right-angle symbol at the bottom-left corner. The vertical side is labeled <math>3n</math>, the hypotenuse is labeled <math>3n + 1</math>, and the horizontal side is unlabeled.</p>		Find an expression for the third side.												