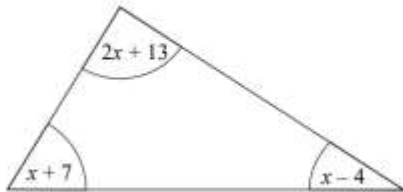
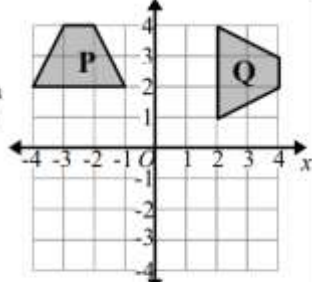
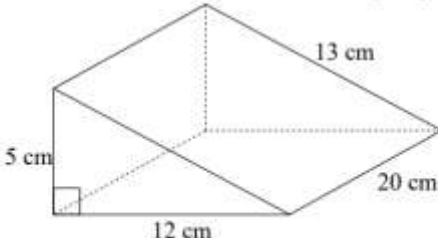


Year 10 Foundation

<p>1 Work out 135% of 160</p>	<p>2 Work out the value of x.</p> 								
<p>3 Here are the first 5 terms of a sequence.</p> <p style="text-align: center;">29 25 21 17 13</p> <p>Find an expression, in terms of n, for the nth term of this sequence.</p>	<p>4 In a bag there are only red counters, blue counters and white counters. A counter is taken at random from the bag.</p> <table border="1" data-bbox="834 754 1334 844"><thead><tr><th>Colour</th><th>Red</th><th>Blue</th><th>White</th></tr></thead><tbody><tr><th>Probability</th><td>0.42</td><td>0.3</td><td></td></tr></tbody></table> <p>Find the probability that counter will be white.</p>	Colour	Red	Blue	White	Probability	0.42	0.3	
Colour	Red	Blue	White						
Probability	0.42	0.3							
<p>5 Work out $\frac{3}{4} - \frac{1}{5}$</p>	<p>6 Describe fully the single transformation that maps trapezium P on trapezium Q.</p> 								
<p>7 Find the total surface area of the triangular prism.</p> 	<p>8 A map has the scale of 1:50000</p> <p>The distance between two points on the map is 10 cm.</p> <p>Work out the real distance between the two points. Give your answer in kilometres.</p>								
<p>9 Work out the size of each interior angle in a regular pentagon</p>	<p>10 In April, it rained on $\frac{3}{5}$ of days</p> <p>Write the ratio of the days it rained to the number of days it did not rain.</p>								