

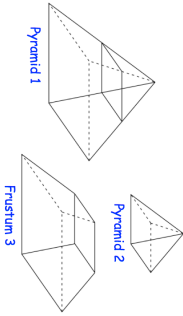


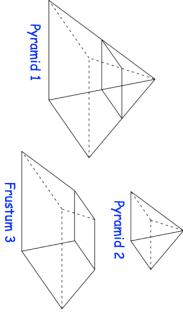


8th June		Corbettmaths 
<p>The equation of a circle is <math>x^2 + y^2 = 16</math></p> <p>Find the circumference of the circle. Give your answer to 1 decimal place.</p>		
<p>Work out an expression for the <math>n</math>th term of this quadratic sequence</p> <p>3    14    31    54    ...</p> <p>Give your answer in the form <math>an^2 + bn + c</math></p>		
<p>3 coins are picked at random without replacement.</p> 	<p>Work out the probability that exactly 60p is chosen.</p>	
<p>A solid square based pyramid 1 is divided into two parts: a square based pyramid 2 and a frustum 3, as shown.</p>  <p>Pyramid 1 has a base of side length 8cm. Pyramid 2 has a base of side length 2cm. The perpendicular height of pyramid 1 is 10cm. Frustum 3 is made from a material with a density of 4.2g/cm<sup>3</sup></p>	<p>Work out the mass of the frustum.</p>	

8th June		Corbettmaths 
<p>The equation of a circle is <math>x^2 + y^2 = 16</math></p> <p>Find the circumference of the circle. Give your answer to 1 decimal place.</p>		
<p>Work out an expression for the <math>n</math>th term of this quadratic sequence</p> <p>3    14    31    54    ...</p> <p>Give your answer in the form <math>an^2 + bn + c</math></p>		
<p>3 coins are picked at random without replacement.</p> 	<p>Work out the probability that exactly 60p is chosen.</p>	
<p>A solid square based pyramid 1 is divided into two parts: a square based pyramid 2 and a frustum 3, as shown.</p>  <p>Pyramid 1 has a base of side length 8cm. Pyramid 2 has a base of side length 2cm. The perpendicular height of pyramid 1 is 10cm. Frustum 3 is made from a material with a density of 4.2g/cm<sup>3</sup></p>	<p>Work out the mass of the frustum.</p>	