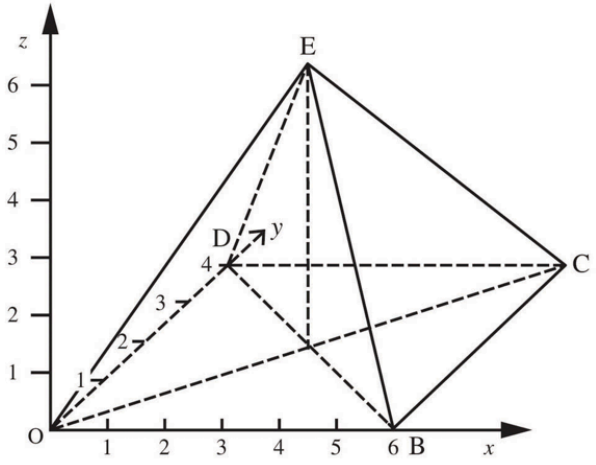


Name: _____

October 10	5-a-day	Higher
<p>In a class of 28 pupils, the ratio of boys to girls is 2:5.</p> <p>How many of the pupils are girls?</p>		
<p>Rachel buys a DVD for £18.50.</p> <p>A year later she sells it for £15.91</p> <p>What is the percentage decrease in value of the DVD?</p>		
 <p>Shown is a pyramid with vertices O, B, C, D and E.</p>	<p>Write down the coordinates of the vertex D.</p>	
$x^2 + 4x + 10 = (x + p)^2 + q$ <p>Find p and q.</p>	<p>Write down the coordinates of the vertex E.</p>	