
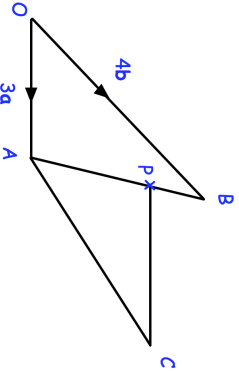
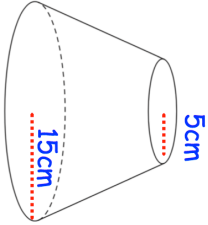

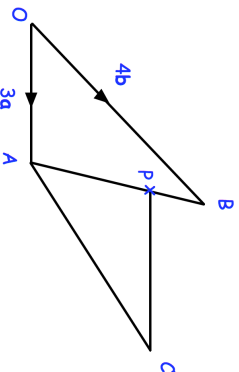
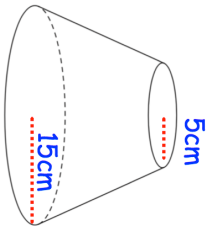


6th April	Corbettmaths 
Show that $(n + 5)^2 - (n - 5)^2$ is positive for all positive values of $n$ .	
 <p> <math>\vec{OA} = 3a</math>  <math>\vec{OB} = 4b</math>  <math>\vec{PC} = 1.5\vec{OA}</math> </p>	<p>P is a point on <math>\vec{AB}</math> such that  <math>AP : PB = 3 : 1</math></p> <p>Find the vector <math>\vec{OC}</math> in terms of <math>a</math> and <math>b</math></p>
 <p>5cm 15cm</p>	<p>A frustum is made by cutting a small cone from the top of a larger cone, that was 21cm tall.</p> <p>Calculate the surface area of the frustum</p>
<p>A group of students want to estimate how many woodlice live in a greenhouse. They catch and mark 20 woodlice. They return the 20 woodlice to the greenhouse. They then catch 50 woodlice and 11 are marked</p>	<p>Estimate the number of woodlice in the greenhouse.</p>

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