
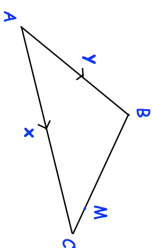
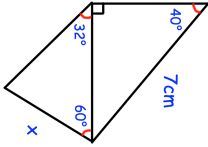
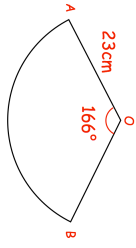

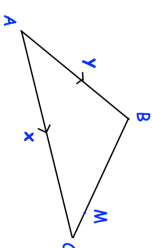
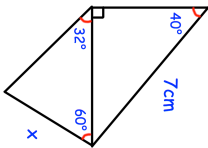
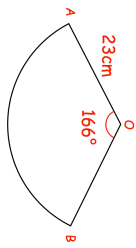


<b>10th October</b> Write down the exact value of $\tan 30^\circ + \tan 60^\circ$	 Corbettmaths
 <p>ABC is a triangle. M lies on BC such that <math>BM = \frac{3}{4} BC</math></p>	Express $\vec{AM}$ in terms of $\mathbf{x}$ and $\mathbf{y}$
Solve the simultaneous equations $x^2 + y^2 = 13$ $x - 2y = 1$	
	Find $x$
	Shown is sector OAB of circle centre O. OA and OB are joined to make a cone. Calculate the volume of the cone.

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