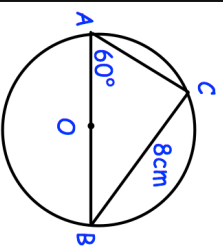
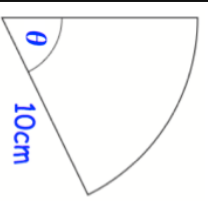
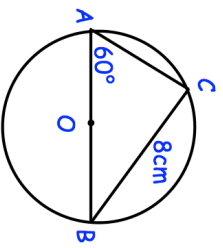
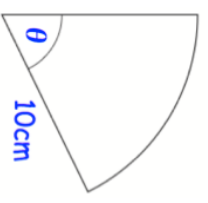


8th November		Corbettmaths
Shape A is translated by vector $\begin{pmatrix} 3 \\ -1 \end{pmatrix}$ to make Shape B.	Describe the single transformation that maps Shape C to Shape A	
Shape B is translated by vector $\begin{pmatrix} -5 \\ -2 \end{pmatrix}$ to make Shape C.		
Work out the value of $125^{\frac{2}{3}}$		
	Find AC.	
	The area of the sector is 27cm^2 . Find the size of the missing angle.	
Write down the equation of a line perpendicular to $y = 5x + 3$		

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