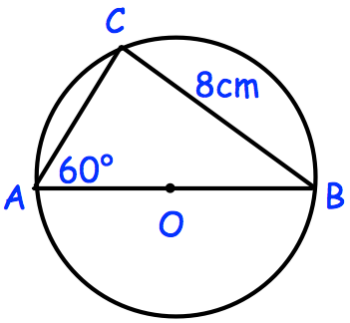
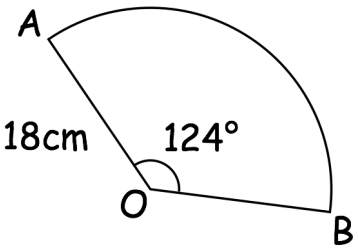
8th November	Higher 5-a-day
Shape A is translated by vector $\begin{pmatrix} 3 \\ -1 \end{pmatrix}$ to make Shape B. Shape B is translated by vector $\begin{pmatrix} -5 \\ -2 \end{pmatrix}$ to make Shape C.	Describe the single transformation that maps Shape C to Shape A
Work out the value of $125^{\frac{2}{3}}$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