Finding Angles Using Cosine Rule			
Question	Label the triangle with the angle being found as A	Fill into the formula	Use calculator to find missing angle
11.4 cm 13.2 cm	11.4 cm a 13.2 cm	$\cos A = \frac{b^2 + c^2 - a^2}{2bc}$ $\cos A = \frac{10.7^2 + 11.4^2 - 13.2^2}{2 \times 10.7 \times 11.4}$	$\cos A = 0.2878$ $A = \cos^{-1}(0.2878)$ $A = 73.3^{\circ}$
7 cm 6 cm	B	$\cos A = \frac{b^2 + c^2 - a^2}{2bc}$ $\cos m = \frac{6^2 + 7^2 - 8^2}{2 \times 6 \times 7}$	
2.4 cm p 5.8 cm 6.2 cm	2.4 cm p 5.8 cm 6.2 cm		
9 cm 7 cm	9 cm 7 cm		
18 cm 25 cm	18 cm 25 cm		