Finding Angles Using Sine Rule				
Question	Label the triangle	Fill into the formula and cross out the part not needed	Rearrange the formula	Use calculator to find missing angle.
17.5 cm 6.9 cm	B 17.5 cm 134 b C	$\frac{\sin A}{a} = \frac{\sin B}{b} = \frac{\sin C}{c}$ $\frac{\sin 134}{17.5} = \frac{\sin B}{b} = \frac{\sin x}{6.9}$	$\sin x = 6.9 \times \frac{\sin 134}{17.5}$	$x = \sin^{-1}(0.2836)$ $x = 16.5^{\circ}$
4.8 cm 6.2 cm	4.8 cm c 6.2 cm	$\frac{\sin A}{a} = \frac{\sin d}{6.2} = \frac{\sin 43}{4.8}$		
8 cm e 61	8 cm 61			
f 9.1 cm 67 7.9 cm	f 9.1 cm 67 7.9 cm			
20 mm 87 46 mm	20 mm 87 46 mm			