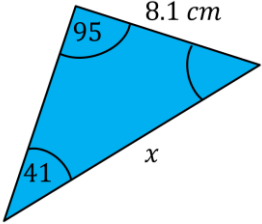
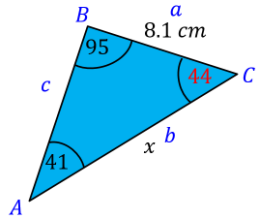
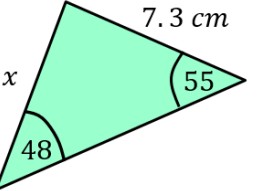
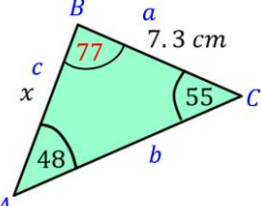


Finding Lengths Using Sine Rule

Question	Label the triangle and calculate any angles	Fill into the formula and cross out the part not needed	Rearrange the formula	Use calculator to find missing length.
		$\frac{a}{\sin A} = \frac{b}{\sin B} = \frac{c}{\sin C}$ $\frac{8.1}{\sin 41} = \frac{x}{\sin 95} = \frac{\cancel{c}}{\cancel{\sin 44}}$	$x = \sin 95 \times \frac{8.1}{\sin 41}$	$x = 12.3 \text{ cm}$
		$\frac{7.3}{\sin 48} = \frac{\cancel{b}}{\cancel{\sin 77}} = \frac{x}{\sin 55}$		
