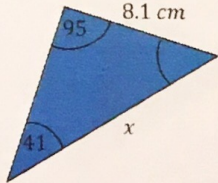
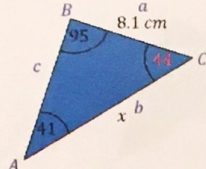
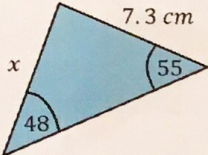
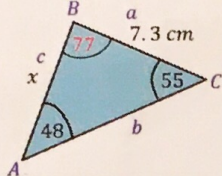
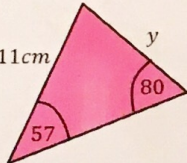
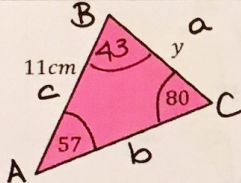
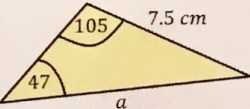
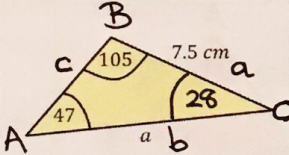
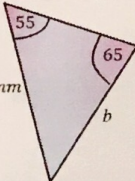
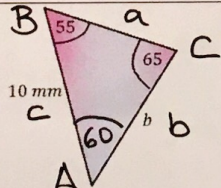


Question	Label the triangle and calculate any angles	Fill into the formula and cross out the part not needed	Rearrange the formula	Use calculator to find missing length.
		$\frac{a}{\sin A} = \frac{b}{\sin B} = \frac{c}{\sin C}$ $\frac{8.1}{\sin 41} = \frac{x}{\sin 95} = \frac{\cancel{c}}{\cancel{\sin 44}}$	$x = \sin 95 \times \frac{8.1}{\sin 41}$	$x = 12.3 \text{ cm}$
		$\frac{7.3}{\sin 48} = \frac{\cancel{b}}{\cancel{\sin 77}} = \frac{x}{\sin 55}$	$x = \frac{7.3}{\sin 48} \times \sin 55$	$x = 8.05 \text{ cm}$ (2dp)
		$\frac{y}{\sin 57} = \frac{\cancel{b}}{\cancel{\sin 43}} = \frac{11}{\sin 80}$	$y = \frac{11}{\sin 80} \times \sin 57$	$y = 9.37 \text{ cm}$ (2dp)
		$\frac{7.5}{\sin 47} = \frac{a}{\sin 105} = \frac{\cancel{c}}{\cancel{\sin 28}}$	$a = \frac{7.5}{\sin 47} \times \sin 105$	$a = 9.91 \text{ cm}$ (2dp)
		$\frac{\cancel{a}}{\cancel{\sin 60}} = \frac{b}{\sin 55} = \frac{10}{\sin 65}$	$b = \frac{10}{\sin 65} \times \sin 55$	$b = 9.04 \text{ mm}$ (2dp)