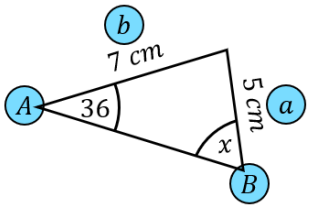
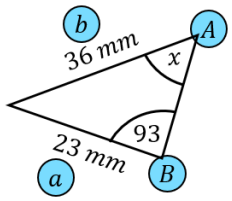
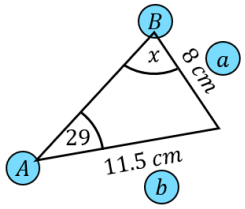
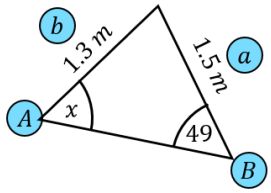
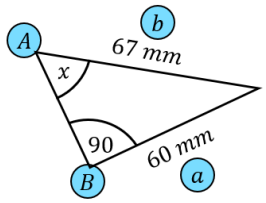
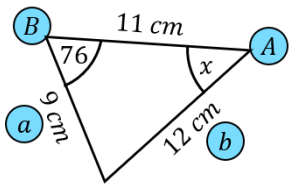
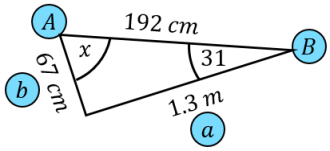
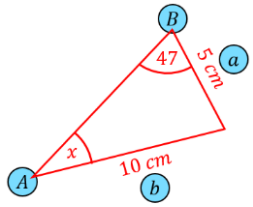
Fill in the Blanks — Finding Angles Using Sine Rule

Labelled diagram	Substitute into formula	Rearrange formula	Acute Angle (1dp)
	$\frac{\sin 36}{5} = \frac{\sin x}{7}$	$\sin x = \frac{7 \times \sin 36}{5}$	$x = 55.4°$
	$\frac{\sin x}{23} = \frac{\sin 93}{36}$	$\sin x = \frac{23 \times \sin 93}{36}$	$x = 39.6°$
	$\frac{\sin 29}{8} = \frac{\sin x}{11.5}$	$\sin x = \frac{11.5 \times \sin 29}{8}$	$x = 44.2°$
	$\frac{\sin x}{1.5} = \frac{\sin 49}{1.3}$	$\sin x = \frac{1.5 \times \sin 49}{1.3}$	$x = 60.6°$
	$\frac{\sin x}{60} = \frac{\sin 90}{67}$	$\sin x = \frac{60 \times \sin 90}{67}$	$x = 63.6°$
	$\frac{\sin x}{9} = \frac{\sin 76}{12}$	$\sin x = \frac{9 \times \sin 76}{12}$	$x = 46.7°$
	$\frac{\sin x}{130} = \frac{\sin 31}{67}$	$\sin x = \frac{130 \times \sin 31}{67}$	$x = 87.9°$
	$\frac{\sin x}{5} = \frac{\sin 47}{10}$	$\sin x = \frac{5 \times \sin 47}{10}$	$x = 21.4°$