Question	Working	Answer	Mark	Notes
8	$\cos 52 = \frac{12.6}{x}$ **or** sin 38 = $\frac{12.6}{x}$		3	M1 Or use of tan to find horizontal side 12.6 × tan 52 or $\frac{12.6}{\tan 38}$ (=16.12...) **and** a correct first stage to find x eg $x^2 = 12.6^2 + \text{“16.12...”}^2$ or $\sin 52 = \frac{\text{"16.12..."}}{x}$ oe Allow correct first stage of sine rule
	$(x =) \frac{12.6}{\cos 52}$ **or** $\frac{12.6}{\sin 38}$ $(= \frac{12.6}{0.61566...})$ **or**			M1 Accept decimal correct to at least 3SF Or $(x =) \sqrt{12.6^2 + \text{"16.12..."}^2}$ **or** $(x =) \frac{\text{"16.12..."}}{\sin 52}$ Allow fully rearranged sine rule
		20.5		A1 20.4 – 20.5
				Total 3 marks