Question	Working	Answer	Mark	Notes
2	eg $\cos 65 = \frac{x}{10}$ **or** $\tan 65 = \frac{10\sin 65}{x}$ **or** $\sin(90-65) = \frac{x}{10}$ **or** $\frac{x}{\sin(90-65)} = \frac{10}{\sin 90}$ **or** $(x^2 =) 10^2 - (10\sin 65)^2 \left(= 17.8(60...)\right)$ **or** $(x^2 =) 10^2 - (9.06(307...))^2 \left(= 17.8(60...)\right)$ **or** $(x^2 =) 10^2 + (10\sin 65)^2 - \left(2\times 10\times 10\sin 65\times\cos 25\right)\left(= 17.8(60...)\right)$ **or** $(x^2 =) 10^2 + 9.06^2 - \left(2\times 10\times 9.06\times\cos 25\right)\left(= 17.8(60...)\right)$		3	M1 for a correct trigonometrical statement for x **or** for a correct Pythagoras statement for x^2
	eg $\left(x =\right) 10\cos 65$ **or** $\left(x =\right)\frac{10\sin 65}{\tan 65}$ **or** $\left(x =\right) 10\sin(90-65)$ **or** $\left(x =\right)\frac{10}{\sin 90}\times\sin(90-65)$ **or** $(x =) \sqrt{10^2 - (10\sin 65)^2}\left(= \sqrt{17.8(60...)}\right)$ **or** $(x =) \sqrt{10^2 - (9.06(307...))^2}\left(= \sqrt{17.8(60...)}\right)$ **or** $(x =) \sqrt{10^2 + (10\sin 65)^2 - \left(2\times 10\times 10\sin 65\times\cos 25\right)}\left(= \sqrt{17.8(60...)}\right)$ **or** $(x =) \sqrt{10^2 + 9.06^2 - \left(2\times 10\times 9.06\times\cos 25\right)}\left(= \sqrt{17.8(60...)}\right)$			M1 for correct calculation to find x (implies the first M1)
	Correct answer scores full marks *(unless from obvious incorrect working)*	4.23		A1 accept an answer in the range 4.22 – 4.23
				Total 3 marks