

Q1. (2018)

Using sine:

$$\sin 6^\circ = \frac{CD}{500}$$

$$CD = 500 \sin 6^\circ$$

$$CD = 52.3$$

Answer:

Q2. (2019)

24	$\sin 24 = \frac{h}{20}$	M1	oe $\cos 66 = \frac{h}{20}$ $\frac{20}{\sin 90} = \frac{h}{\sin 24}$
	$20 \times \sin 24$ or 8.1...	M1dep	$20 \times \cos 66$ $\frac{20}{\sin 90} \times \sin 24$
	[1215, 1221]	A1	with no incorrect working seen
	Additional Guidance		
	$150 \times 20 \times \sin 24$		M1M1