Question Number	Answer		Mark
11	At least 1 cycle of a sinusoidal graph	(1)	**4**
	Displacement axis shows amplitude as 5 cm	(1)	
	Use of $a = (-)\omega^2 x$ and $\omega = \frac{2\pi}{T}$ to calculate T	(1)	
	Time axis shows period as calculated value of T	(1)	
	<u>Example of calculation</u> $\omega = \sqrt{\frac{8.0\ \text{cm s}^{-2}}{5.0\ \text{cm}}} = 1.26\ \text{s}^{-1}$ $T = \frac{2\pi}{1.26\ \text{s}^{-1}} = 4.97\ \text{s}$		
	Total for question 11		**4**