Question			Answer	Marks	AOs	Guidance	
9			$F = \sqrt{36(2T-5)^2 + 64}$	M1*	3.3	Correct use of **F** = m**a** and Pythagoras	
			$36(2T-5)^2 = 36$	A1	1.1	Correct equation(s) for both values of T e.g. $10 = 2\sqrt{9(2T-5)^2 + 16}$	Allow t throughout
			$2T-5 = \pm 1 \Rightarrow T = ...$	Dep*M1	1.1	Attempt to solve a quadratic leading to at least one value for T	
			$T = 2$ and $T = 3$	A1	2.2a		
				[4]			