

10				M1	3.3	M1 for use of $s = ut + \frac{1}{2}at^2$ with $s = \pm 2, u = \pm 3.5$ and $a = \pm g$ and t is the total time for the motion	Possible to consider for eg motion up and motion down. In this case: M1 for complete method to find relevant times.
			$-2 = 3.5t + \frac{1}{2}(-9.8)t^2 \Rightarrow 4.9t^2 - 3.5t - 2 = 0$	A1	1.1	Correct equation – need not be simplified	A1 All equations correct – need not be simplified
			$t = 1.09$	A1 [3]	1.1	BC (positive root only)	$t = 1.0890679...$