Question Number	Answer		Mark
11	Use of $v^2 = u^2 + 2\,a\,s$ with $u = 0$	**(1)**	**3**
	Substitutes $a = 0.38\,g$	**(1)**	
	$\frac{v_M}{v_E} = 0.62$	**(1)**	
	Example calculation $v_M{}^2 = 0 + 2 \times 0.38\,g\,\,s$ $v_E{}^2 = 0 + 2 \times g\,\,s$ $\left(\frac{v_M}{v_E}\right)^2 = \frac{0.38gs}{gs} = 0.38$ $\frac{v_M}{v_E} = \sqrt{0.38} = 0.62$		
	Total for question 11		**3**