Question Number	Answer	Mark
11	Use of $s = u t + \frac{1}{2} a t^2$ with $u = 0$ and $a = g$ for flight time (1)	
	Use of $s = u t + \frac{1}{2} a t^2$ with $a = 0$ for horizontal displacement of stone (1)	
	Distance travelled = $5.9 \text{ m}$ (1)	3
	Example of calculation $12 \text{ m} = 0.5 \times 9.81 \text{ m s}^{-2} \times t^2$ $t = \sqrt{(12.0 \text{ m} \div 4.905 \text{ m s}^{-2})} = 1.56 \text{ s}$ $s_{\text{stone}} = 3.8 \text{ m s}^{-1} \times 1.56 \text{ s} = 5.94 \text{ m}$	
	Total for question 11	3