

Question Number	Answer	Mark
11	Use of $W = mg$ (1)	3
	Use of $F \Delta t = \Delta p$ (1)	
	$v = 15 \text{ m s}^{-1}$ (1)	
	<u>Example of calculation</u> $W = 175 \text{ kg} \times 9.81 \text{ N kg}^{-1} = 1717 \text{ N}$ $1717 \text{ N} \times 1 \text{ s} = 114 \text{ kg} \times v$ $v = 15.1 \text{ m s}^{-1}$	
	Total for question 11	3