

Question Number	Answer	Mark
11	<ul style="list-style-type: none"> • Use of $a = \frac{v-u}{t}$ (1) • See 1.6 m s^{-2} Or see $(-)4.9$ to $(-)5.2 \text{ m s}^{-2}$ (1) <p>Max 1</p> <ul style="list-style-type: none"> • At 9 s the acceleration becomes negative (1) • From 9 s to 12 s the object is decelerating (1) • From 12 s to 17.5 seconds the object is accelerating while moving in the opposite direction (1) <p><u>Example of calculation</u></p> $a = \frac{14 \text{ m s}^{-1} - 0}{9} = 1.56 \text{ m s}^{-2}$	3
	Total for question 11	3