

Question		Scheme	Marks	AOs
1(a)	$(T \Rightarrow) 8$		B1	1.1b
			(1)	
(b)	$12a = 15$		M1	3.1b
	$a = 1.25 \text{ (m s}^{-2} \text{)}$		A1	1.1b
			(2)	
(c)	Clear attempt to find the total area under the graph Or use a <i>suvat</i> method for each section and add		M1	2.1
	$\frac{1}{2} \times 15 \times (8 + 30)$ oe		A1	1.1b
	285 (m)		A1	1.1b
			(3)	
(6 marks)				
Notes:				
1(a)	B1	cao		
1(b)	M1	Correct equation in a only		
	A1	cao		
1(c)	M1	Clear attempt with the correct structure (may be implied by correct answer)		
	A1	Correct unsimplified		
	A1	Accept 290 (m)		