10	<b>(a)</b>	$v(m s^{-1})$	<b>B</b> 1	1.1	Correct shape	
		<b>▲</b>	<b>B</b> 1	1.1	Correct labels on axes	Must be correct shape
		10.			<i>v</i> , <i>t</i> (or velocity, time), 6, 10, 25 and	
					150 need to be seen	
		6				
		$0 \not \longrightarrow t(s)$				
		0 25 150				
			[2]			
10	(b)	$0.24 \text{ (m s}^{-2})$	<b>B</b> 1	1.1	oe	
			[1]			
10	(c)	$T = 150 - 25 - T_1$ where $T_1 = \frac{10 - 6}{0.05}$	M1	3.1b	Complete method to find <i>T</i>	
		$I = 150 - 25 - I_1$ where $I_1 - \frac{1}{0.05}$				
		T = 45	A1	1.1		
			[2]			
10	( <b>d</b> )	$a = \frac{1}{6}(6)(25) + \frac{1}{10}(10+6)(T) + \frac{1}{10}(10)T$	M1*	3.3	Complete method to find total	
		$s = \frac{1}{2}(0)(25) + \frac{1}{2}(10+0)(I_1) + \frac{1}{2}(10)I$			distance travelled	
		940'	M1dep*	3.4	Divides their distance travelled by	
		$s = \frac{1}{2}(6)(25) + \frac{1}{2}(10+6)(T_1) + \frac{1}{2}(10)T$ Av. Speed = $\frac{'940'}{150}$	_		150	
		$= 6.27 \text{ (m s}^{-1}\text{)}$	A1	1.1	cao (oe e.g. exact answer is $\frac{94}{15}$ )	
			[3]			