

Question	Answer	Marks	Guidance
	Use of Newton's second law for $P$ or $Q$ or system	<b>M1</b>	Allow sign errors. Do not allow $g$ mis
	For $P$ : $10 - 0.5g - T = 0.5a$ , For $Q$ : $T - 0.3g = 0.3a$ , For system: $10 - 0.5g - 0.3g = 0.8a$	<b>A1</b>	For any two correct
	For attempt to solve for either $a$ or $T$	<b>M1</b>	From equation(s) with no missing or extra terms. Allow $g$ missing.
	$a = 2.5 \text{ ms}^{-2}$	<b>A1</b>	
	$T = 3.75 \text{ N}$	<b>A1</b>	
		<b>5</b>	

