

<b>4</b>	<b>(i)</b>	$v^2 = u^2 + 2as$ $1.2^2 = 2 \times a \times 1.8$ $a = 0.4 \text{ m s}^{-2}$	<b>M1</b>  <b>A1</b> <b>[2]</b>	<b>3.3</b>  <b>1.1b</b>	Using suitable suvat equation(s) leading to value for $a$
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Question			Answer	Marks	AOs	Guidance
	(ii)		$F - 19 = 2.8a$ $F = 20.12$ (20.1 N to 3sf)	<b>M1</b>  <b>A1</b> <b>[2]</b>	<b>3.3</b>  <b>1.1b</b>	Using Newton's second law. All terms present. Allow 20 N FT their $a$