Question	Scheme	Marks	AOs
2(a)	Resolve vertically, $R = 5g = 49$ (N)	B1	1.1b
		(1)	
2(b)	Equation of motion: $28 - F = 5 \times 1.4$	M1	3.1a
	$F = 21$	A1	1.1b
		(2)	
2(c)	$\mu = 0.43$ (2sf required)	B1 **ft**	3.4
		(1)	
			(4 marks)

Notes:

2a	B1	Allow either $5g$ or 49. No penalty for using $g = 9.81$ or 10. Ignore any working. Must be a positive number. B0 if m is involved. **N.B**. Could be seen on a diagram, provided it's clearly the reaction.
2b	M1	Equation with correct terms, dimensionally correct, condone sign errors.
	A1	cao but allow $\frac{15g}{7}$. Ignore units.
2c	B1**ft**	$\mu = \frac{\text{their (b)}}{\text{their (a)}}$. **Answer must be a positive number given to 2sf**. **N.B**. B0 if they use $g = 9.81$ or 10 in this part of the question. Do not allow restarts. Allow $\mu > 1$.