Question Number	Scheme	Marks
2	Work energy equation KE lost = WD + PE gain	M1
	$\frac{1}{2}\times 2\times 16 = \text{WD} + 2g\times 2.5\sin\theta$	A1
	$(\text{WD} = 9)$	A1
	Use of $F = \mu\times 2g\cos\theta$	B1
	Use of Work done $= 2.5F$	B1
	$9 = 2.5\times\mu\times 2g\cos\theta \Rightarrow \mu = 0.19$	A1 (6) **[6]**

M1	Must be using work-energy. Require all terms. Dimensionally correct. Allow their WD, but must be WD, not F Condone sine/cosine confusion and sign errors
A1	Unsimplified equation with at most one error
A1	Correct unsimplified equation NB: $16 = WD + 7$ **seen** scores 3 marks
B1	$(F = \mu\times 19.398...)$ Allow $\pm$ This mark is available if they use a *suvat* approach
B1	Allow $\pm$
A1	Or 0.186. Max 3 sf. Not $\frac{3\sqrt{3}}{28}$