Question Number	Scheme	Marks
2	EPE $\frac{2mg(0.25l)^2}{2l}$ or $\frac{2mg(0.1l)^2}{2l}$	B1 either
	WD against friction: $0.35l\mu mg$	B1
	$\frac{2mg\left(0.25l\right)^2}{2l}-\frac{2mg\left(0.1l\right)^2}{2l}=0.35l\mu mg$	M1A1
	$\mu=0.15 \quad \left(\text{or } \frac{3}{20}\right)$	M1A1 (6)
		[6]

B1	A correct expression for EPE, either at the start or end of the motion.
B1	Correct expression for Work Done against friction
M1	Attempt at an energy equation with a **difference** between 2 EPE terms and a WD . EPE must be of form $\frac{\lambda x^2}{kl}$, $k=2$ or 1
A1	Correct equation
M1	Solving to find μ. Independent, but must have 3 terms, but condone EPE added.
A1	$\mu=0.15 \quad \left(\text{or } \frac{3}{20}\right)$ o.e. (g cancels)