Question Number	Answer	Mark
11(a)	Use of $E_k = ½ m v^2$ **(1)** $E_k = 0.54$ J **(1)** Example of calculation $E_k = 0.5 \times 0.16$ kg $\times (2.6$ m s$^{-1})^2 = 0.541$ J	**2**
11(b)	Use of $E_{grav} = m g \Delta h$ **(1)** $\Delta h = 0.51$ m **(1)** (allow ecf from (a)) Example of calculation Decrease in GPE = 0.54 J + 0.26 J = 0.8 J $\Delta h = 0.8$ J / (0.16 kg $\times$ 9.81 m s^{-2}) = 0.51 m	**2**
	Total for question 11	**4**