

P11 - 6.1 - Work Hmk

What is the work done on an object with a force of 20 N over a distance of 50 m? How much energy was exerted?

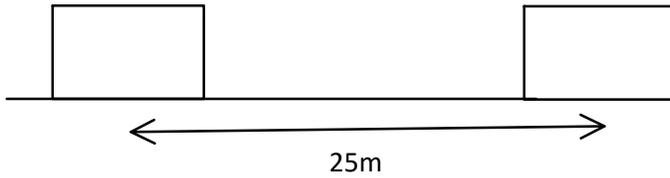
What is the work done lifting an object with the mass of eight kilograms straight up a distance of 4 m?

A backpack with the mass of 3 kg is carried to school at a constant height of 1.3 m. How much work is done on the backpack?

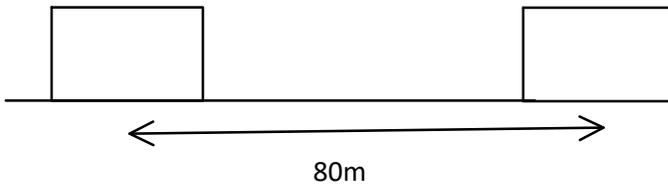
A 5 kg case is carried up a 20 meter ramp over a height of 4 m. What is the work done on the case?

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What is the work done on an object with a Push Force of 10 N and a frictional force of 10 N over a distance of 20 m.



What is the work done on an object with a Force of 15 N and a frictional force of 6 N over a distance of 80 m.



What is the net work done on a 30 kg object accelerating at $3 \frac{m}{s^2}$ over a distance of 12 m.

