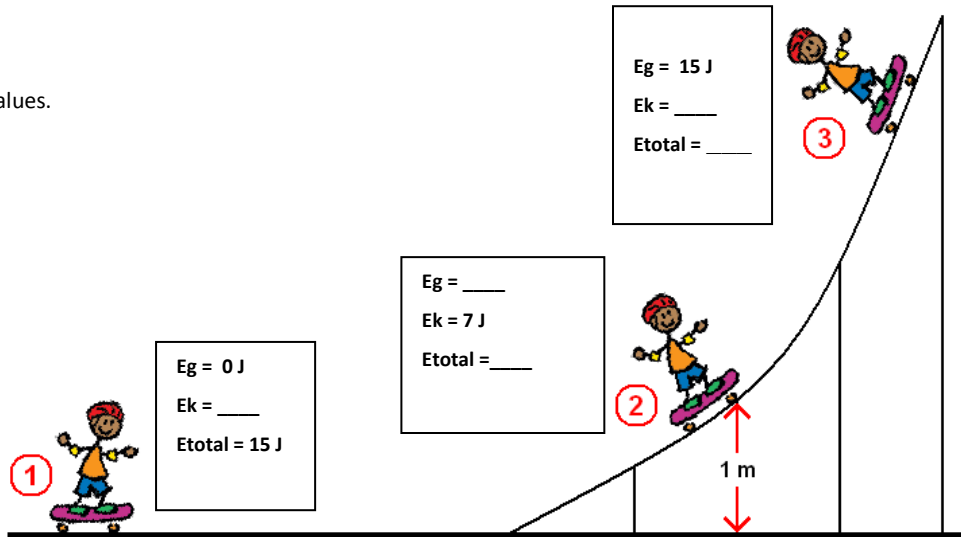
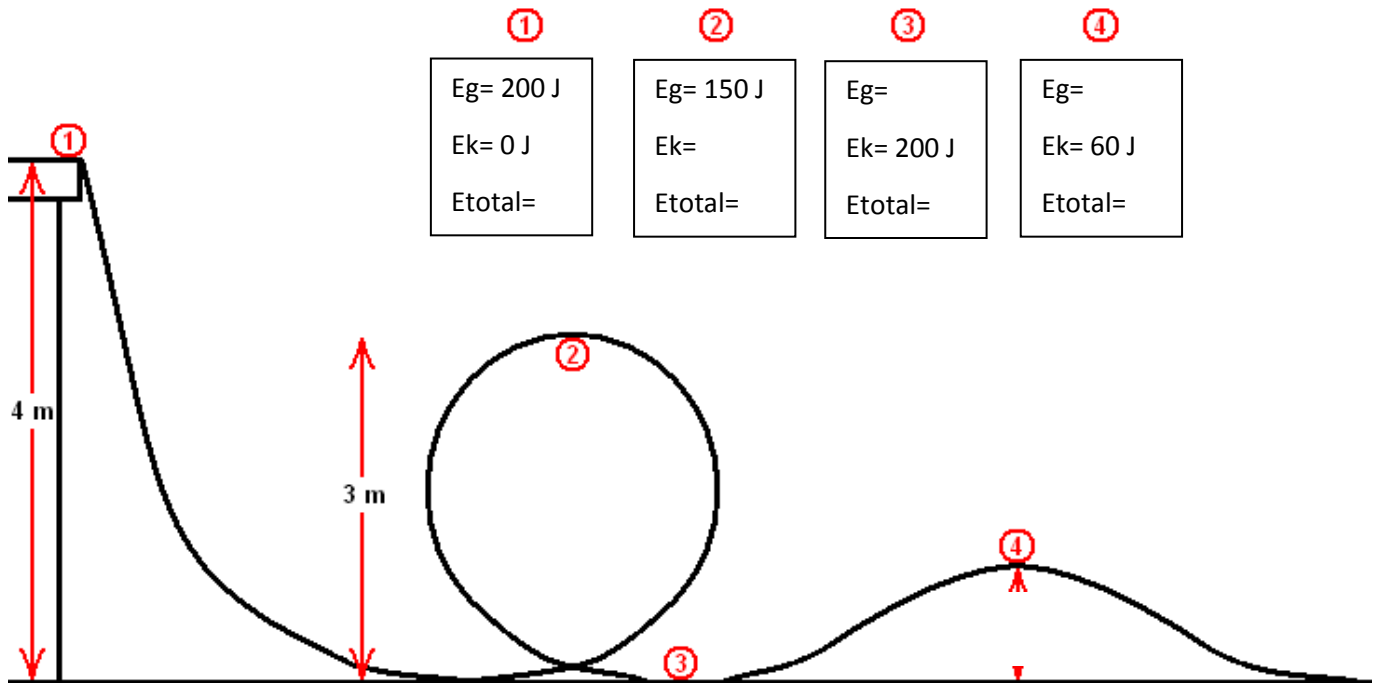


CONSERVATION OF ENERGY WORKSHEET [Unless otherwise stated , assume there is no air resistance and that all surfaces are frictionless]

1. Fill in the missing values.



2. Fill in the missing values.



3. An electric motor is used to hoist building supplies from the ground to the roof of a building.

- A. How much work can the motor do in 12 seconds if its power output is 1.5 kW (1,500 W)?
- B. How high can it lift a 131 kg bundle of shingles in that time?

