

## CONSERVATION OF ENERGY

MA

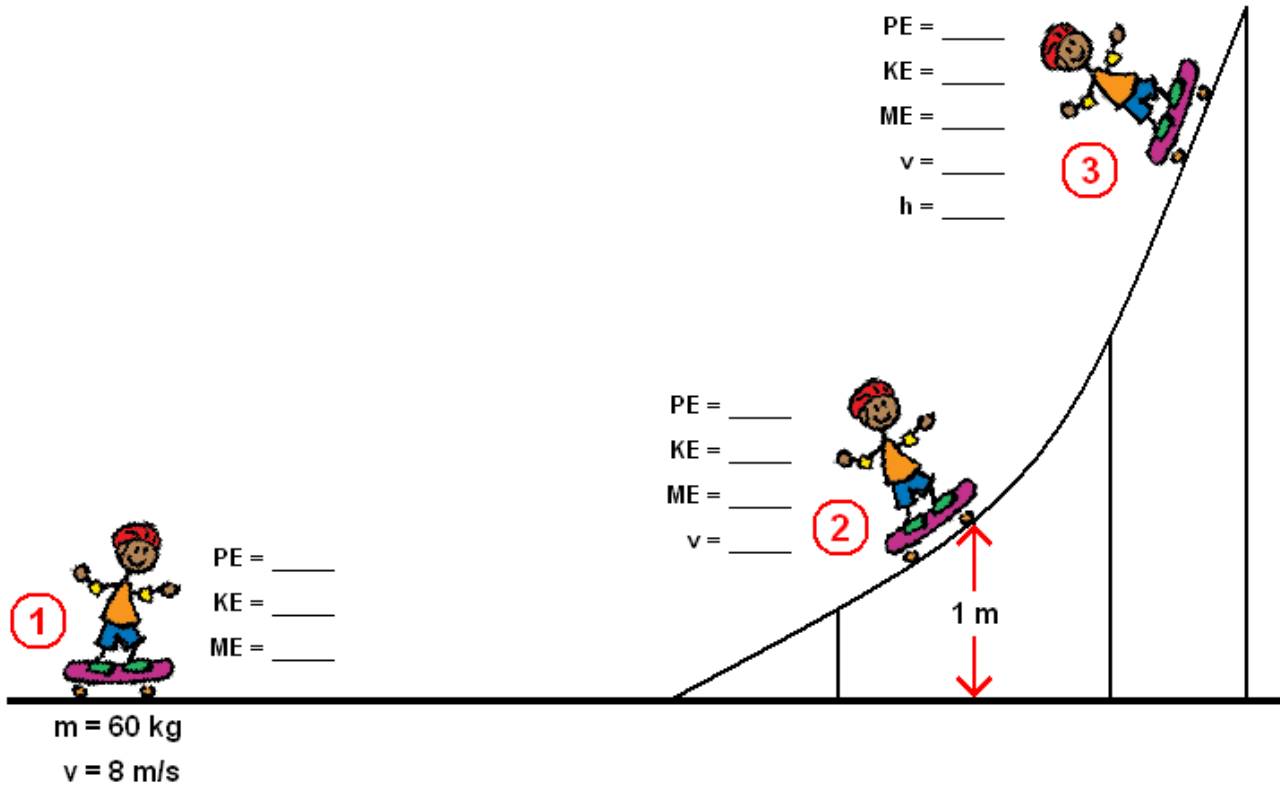
$$KE = \frac{1}{2}mv^2$$

$$GPE = mgh$$

$$ME = KE + GPE$$

### 1. Analyze the mechanical energy

1. Calculate the potential energy, kinetic energy, mechanical energy, velocity, and height of the skater at the various locations.



- 2.

