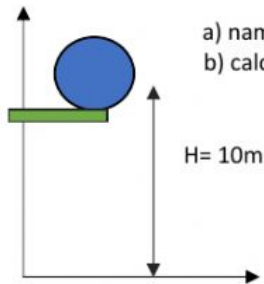


Topic: 3.2 PE and conservation

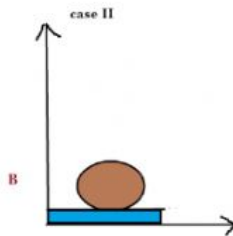
Activity 1: read the instructions carefully and answer the questions.

1. case 1:-



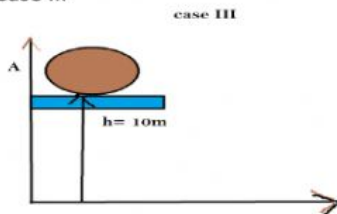
- a) name the energy possessed by the mass when it is at height of 10m.
- b) calculate the energy of the mass, when the mass at a height of 10m? .

case II-



- a) suppose the mass is dropped to the ground. calculate the work done by the gravitational force on the mass, when the mass is on the ground?

Case III-



- if the mass is kept back in the same height again, calculate the work done by the gravitational force on the mass, when the mass at a height of 10m?

What is total work done on the ball, by the gravitational force?