

Name: _____
Period: _____

Date: _____

Total Mechanical Energy

Directions: Fill out everything for each problem. Write neatly!

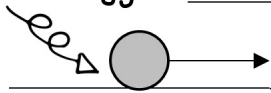
1) Fill in the missing values for potential energy, kinetic energy, and total mechanical energy.

Total Mechanical Energy = 950 J

Potential Energy = 800 J

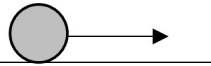
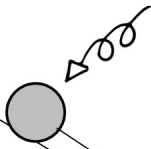
Kinetic Energy = 150 J

Total Mechanical Energy = _____



Potential Energy = _____

Kinetic Energy = 450 J



Total Mechanical Energy = _____

Potential Energy = 0 J

Kinetic Energy = _____

2) Fill in the missing values for potential energy, kinetic energy, and total mechanical energy.

Total Mechanical Energy = 25,000 J

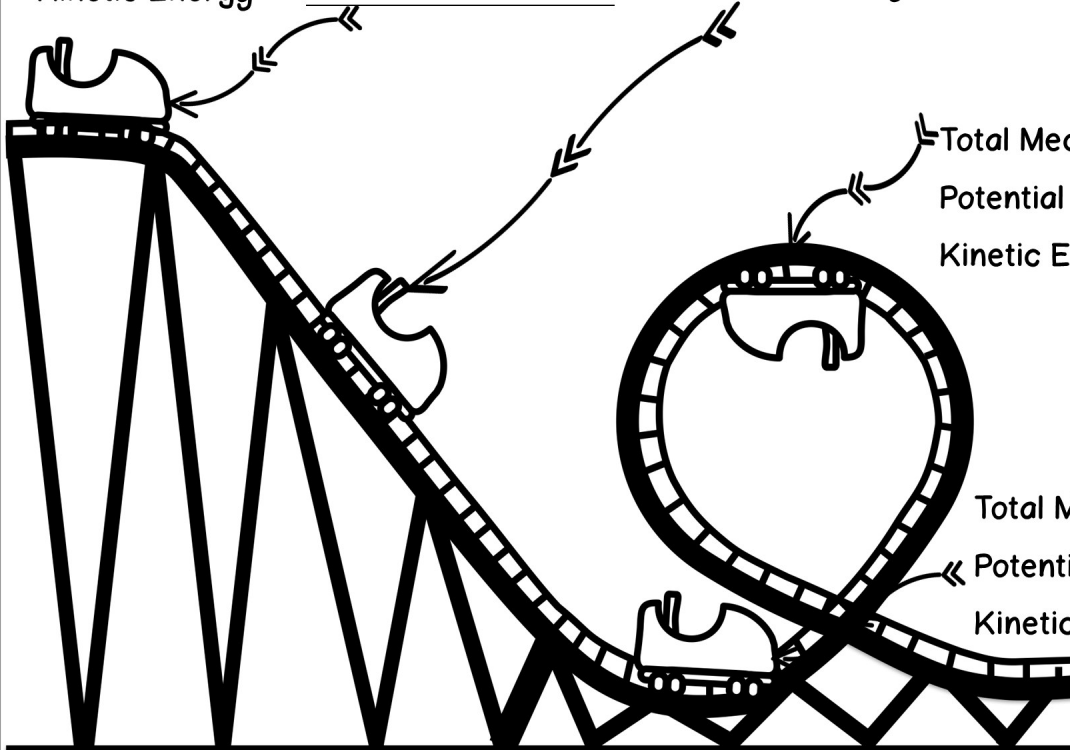
Potential Energy = 20,000 J

Kinetic Energy = _____

Total Mechanical Energy = _____

Potential Energy = _____

Kinetic Energy = 11,000 J



Total Mechanical Energy = _____

Potential Energy = 15,500 J

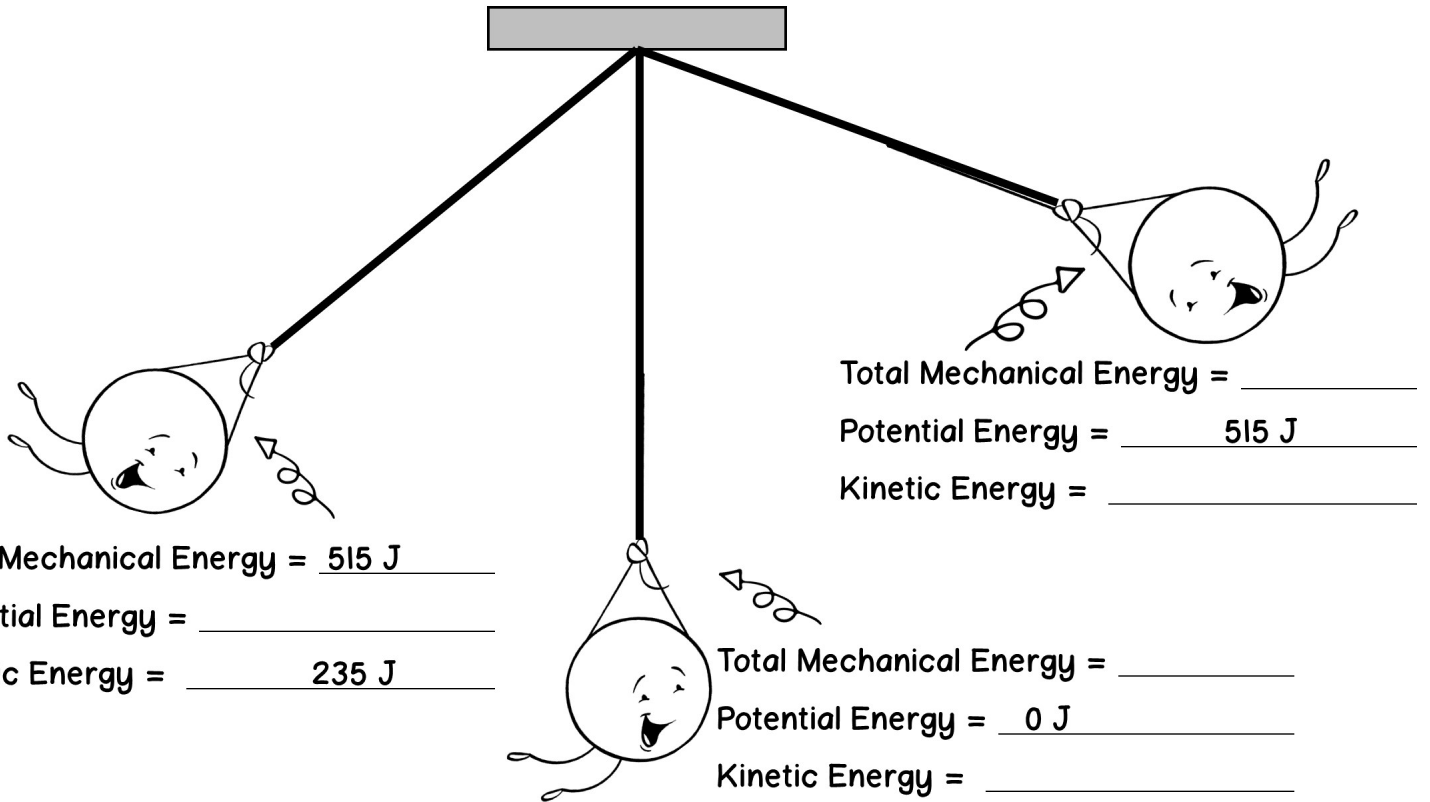
Kinetic Energy = _____

Total Mechanical Energy = _____

Potential Energy = _____

Kinetic Energy = _____

3) Fill in the missing values for potential energy, kinetic energy, and total mechanical energy.



4) Fill in the missing values for potential energy, kinetic energy, and total mechanical energy.

