

9.8 m/s²

Joule

Chemical potential
energy

$$KE = \frac{1}{2}m \cdot v^2$$

Elastic potential
energy

Kinetic Energy

Gravitational
potential energy

Law of Conservation
of Energy

$$h = PE / m \cdot g$$

$$m = PE/g \cdot h$$

<p>unit of energy</p>	<p>The acceleration due to gravity is ____.</p>
<p>Kinetic energy formula</p>	<p>When the energy stored in the chemical bonds of a substance</p>
<p>Energy of motion</p>	<p>When it is stretched or compressed within the object</p>
<p>the law that states that energy cannot be created or destroyed but can be changed from one form to another</p>	<p>When objects have the potential to change their position due to the force of gravity</p>
<p>Formula used to find the mass of an object when given height and potential energy</p>	<p>Formula used to find height of an object when given the mass and potential energy</p>

Magnetic Potential
Energy

$$PE = mgh$$

Potential Energy

Static Potential
Energy

When certain particles in a magnetic fields have the potential of changing their position due to the force of magnetism

Potential energy formula

The energy stored in an object because of its position

when charged particles in an electrostatic field have the potential of moving toward the opposite charge or away from the same charge