

Chapter- 10

Force, Work and Energy

WORKSHEET

A. FILL IN THE BLANKS:

1. A push that makes a body move or stop moving is called as force.
2. When force is applied on a body to make it move through a distance is known as work.
3. Machine is a tool that makes work easy.
4. The energy that we get from the sun is solar energy

B. ANSWER IN ONE WORD.

1. When a moving body slows or stops on its own. frictional force
2. A force which is used to move a catapult. Elastic force
3. A simple slope over which a load can be pushed up or down. Inclined plane
4. Energy which comes from splitting of an atom. Atomic Energy
5. Energy which we get from sun and wind. Solar and Wind energy

C. CHOOSE THE CORRECT ANSWER:

1. Elastic gravitational/Frictional force is used to move a catapult.
2. Lever/Pulley Screw is made from a wheel and a rope.
3. A bicycle pedal nutcracker/ wedge is an example of wheel and axle.
4. A screw Wedge/ Pulley is a machine which looks like a nail with grooves cut into it.
5. In loudspeaker sound energy/mechanical energy/ solar energy is changed into electrical energy.
6. Energy is a force/ability/ power to do work.

D. LABEL THESE SIMPLE MACHINES GIVEN BELOW.



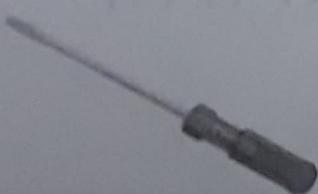
→ Wheel and axle



→ Inclined plane



→ Lever



→ Wheel and axle