

## Chapter- 10

## Force, Work and Energy

## WORKSHEET

## A. FILL IN THE BLANKS:

1. A push that makes a body move or stop The Pull is called as force.
2. When force is applied on a work 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 heat energy.

## B. ANSWER IN ONE WORD.

1. When a moving body slows or stops on its own. friction 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. rope
4. Energy which comes from splitting of an atom. atomic
5. Energy which we get from sun and wind. Solar energy

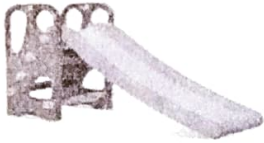
## C. CHOOSE THE CORRECT ANSWER:

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.

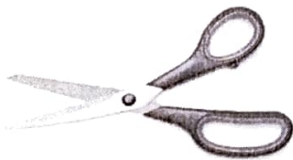
D. LABEL THESE SIMPLE MACHINES GIVEN BELOW.



→ ~~Axle wheel and~~  
Axle



→ slide



→ scissors



→ screw driver