

# Force, Work and Energy

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## Chapter-10

## 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 an object to make it move through a distance is known as work.

3) Simple Machines is 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.

4) Energy which comes from splitting of an atom. atomic energy.

5) Energy which we get from sun and wind. Solar energy.

C) CHOOSE THE CORRECT ANSWER

1) Elastic force is used to move a catapult.

2) Pulley is made from a wheel and ~~the~~ a rope.

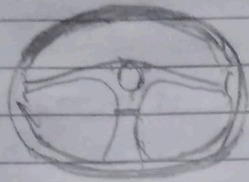
3) A bicycle pedal is an example of wheel and ~~axel~~ axle.

4) A screw is a simple machine which looks like a nail with grooves cut into it.

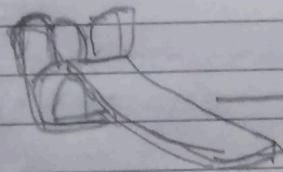
5) In loudspeaker ~~sound~~ mechanical energy is changed into electrical energy.

c) Energy is a ability to do work.

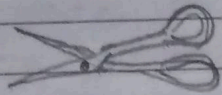
D) Label these simple machines given below.



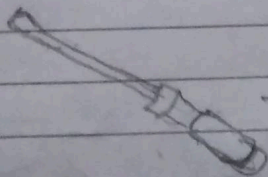
→ Steering Wheel



→ Slide



→ Scissors



→ Screwdriver