

FORCE, WORK AND ENERGY

Date _____

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1. 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 object 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.

2. 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 ~~used~~ pushed up or down. - Inclined Plane

4. Energy which comes from splitting of an atom. = - Atomic Energy

5. Energy which we get from sun ~~rain~~ and wind. = Solar, ~~and~~ wind energy.

Choose the correct answer

1. Elastic / Gravitational / Frictional Force is used to move a catapult.

2. Lever / Pulley / screws is made from a wheel and a rope.

3. A Bicycle pedal / nutcracker / wedge is an example of a wheel and axle.

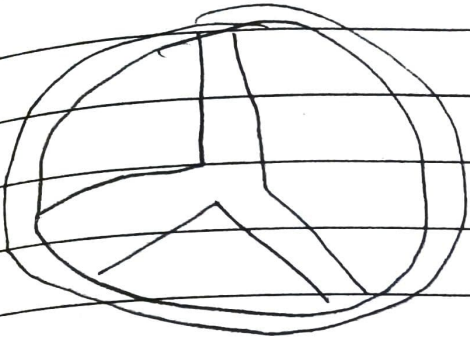
4. A screw / wedge / pulley is a machine which looks like a nail with grooves cut into it.

5. In a loudspeaker, sound energy / mechanical energy / solar energy is changed into electrical energy.

6. Energy is a force / ability / power to do work.

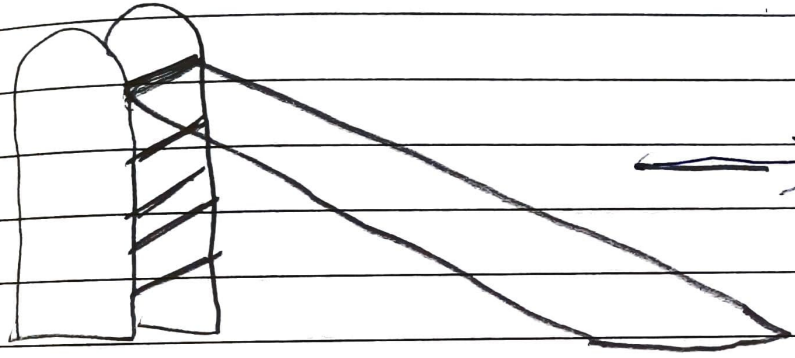
D

a)



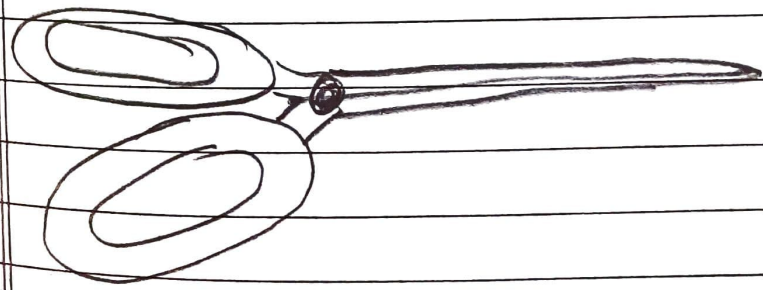
→ wheel

b)

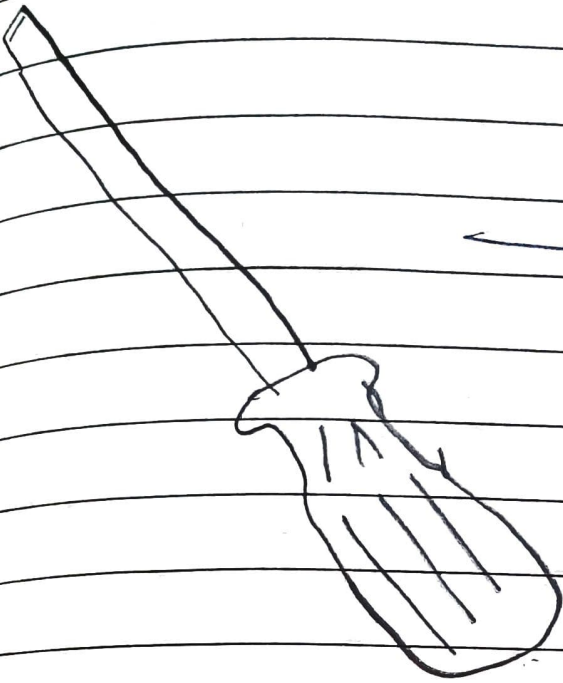


→ Inclined plane

c)



→ Lever



→ Screw