

Work, Force and Energy

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A.

1> a moving body

2> object

3> simple machine

4> Solar energy

B.

1> Friction force

2> Elastic force

3> Inclined plane

4> Atomic energy

5> Solar and wind energy

C.

- 1 > Elastic force is used to move a catapult.
- 2 > Pulley is made from a wheel and a rope.
- 3 > A bicycle pedal is an example of wheel and axle.
- 4 > A screw is a machine which look like a nail with grooves cuts into it.
- 5 > In Loudspeaker sound ~~energy~~ energy is changed into ~~sound~~ electrical energy.
- 6 > Energy is the ability to do work

D.

- 1 > Steering wheel (Wheel and axle)
- 2 > Slide (Inclined plane)
- 3 > Scissor (Lever)
- 4 > Screwdriver (Wheel and axle)