

A Tick the correct answer

1. We are able to stay on the ~~grow~~ ground because of

- a. Gravitational force
- b. elastic force
- c. buoyant force
- d. frictional force

2. The screwjack used to lift a car is a

- a. first class lever
- b. Pulley
- c. Second class lever
- d. Screw

3. The most readily available source of energy is

- ~~a. wind~~
- a. wind energy
- b. solar energy
- c. Geothermal energy
- d. water energy

4. The upward push of water on a floating object is called

- a. buoyant force
- b. Volume
- c. density
- d. pressure

B Fill in the blanks.

1. Most simple machines make use of muscular force.
2. There is no gravitational force in space.
3. Simple machines change the direction of the applied force.
4. A moving car possesses mechanical energy due to its motion.

5. An inclined plane is a slope plane slope which makes work easier.

c. Change the underlined ~~sen~~ words to make the sentence correct

1. A stretched rubber band regains its original position being released because of elastic force.

2. Geothermal energy is a renewable source of energy.

3. The pulley used for drawing water from a well is a fixed pulley.

4. Simple machines make
our work easier

5. We are able to walk
because of elastic force
~~gravitational~~
frictional