

7. Tick (✓) the correct answer.

1. We are able to stay on the ground

because of

a. gravitational force

b. elastic force

c. buoyant force

d. frictional force

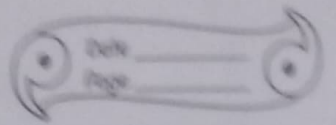
2. A screw Jack used to lift a car is a.

a. First-class lever.

b. Pulley

c. Second-class lever

d. Screw



3. The most readily available source of energy is

a. wind energy

b. Solar energy.

c. geothermal energy

d. water energy

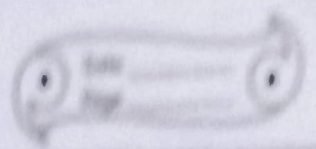
4. The upward push of water on a floating object is called

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 applied force.

4. A moving car possesses mechanical energy due to its motion.

5. An inclined plane is a simple machine which makes work easier.

C. Change the underlined words to correct these statements.

1. A stretched Rubber band regains its original position on being

released because of ^{elastic} gravitational force.

2. Geothermal energy is a ~~not~~ renewable source of energy.
3. The pulley used for drawing water from a well is a fixed pulley.
4. Simple machines make our work complicated.
5. We are able to walk because of elastic force.