

Hw
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Force and Energy

Date

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A) MCA

1) We are able to stay on the ground because of

Ans-a) Gravitational force.

2) A Screwjack used to lift a car is a

Ans-d) Screw.

3) The most readily available source of energy is

Ans-b) Solar energy.

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

Ans-a) buoyant force.

B) Fill in the blanks.

1) Most simple machines makes use of mechanical 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 word.

7) A stretched rubber band regains its

Original position on being released because of gravitational force.
Elastic

2) Geothermal energy is a non-renewable renewable source of energy.

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

4) Simple machines make our work complicated easier.

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