Name: _____ Date: _____

Force and Pressure

Q1. Why does a boat come to rest when we stop rowing it?

Ans. _____

_____

Q2. Write any two application of atmospheric pressure in our everyday life.

Ans. _____

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Q3. Explain why, snow shoes stop you from sinking into snow.

Ans. _____

_____

Q4. What happens to the springs fixed to the seat of a bicycle when we sit on it?

Ans. _____

_____

Q5. Give one practical application of magnetic force.

Ans. _____

_____

Q6. Give one example from daily life where force changes the shape of an object.

Ans. _____

_____

Force and Pressure

Q1. Why does a boat come to rest when we stop rowing it?

Ans. Friction between water and the boat brings it to a stop once we stop rowing.

Q2. Write any two application of atmospheric pressure in our everyday life.

Ans. Drinking straw and Dropper work on the existence of atmospheric pressure.

Q3. Explain why, snow shoes stop you from sinking into snow.

Ans. The snow shoes have large, flat soles so they exert less on the soft snow and stop the wearer from sinking into it.

Q4. What happens to the springs fixed to the seat of a bicycle when we sit on it?

Ans. When we sit on the seat of a bicycle, the force exerted by the body weight compresses the spring and changes its shape.

Q5. Give one practical application of magnetic force.

Ans. The closing of door of refrigerator works on the application of magnetic forces.

Q6. Give one example from daily life where force changes the shape of an object.

Ans. Example: The shape of dough changes on pressing with a rolling pin to make chapatis.