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STUDY MATERIAL SCIENCE

CLASS-VIII

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▶ Force and pressure Exercise : NCERT

1. Fill in the blanks in the following statements.

- (a) To draw water from a well we have to _____ at the rope.
- (b) A charged body _____ an uncharged body towards it.
- (c) To move a loaded trolley we have to _____ it.
- (d) The north pole of a magnet _____ the north pole of another magnet.

2. An archer stretches her bow while taking aim at the target. She then releases the arrow, which begins to move towards the target. Fill up the gaps in the following statements using the following terms:

muscular, contact, non-contact, gravity, friction, shape, attraction

- (a) To stretch the bow, the archer applies a force that causes a change in its _____
- (b) The force applied by the archer to stretch the bow is an example of _____ force.
- (c) The type of force responsible for a change in the state of motion of the arrow is an example of a _____ force.
- (d) While the arrow moves towards its target, the forces acting on it are due to _____ and that due to _____ of air.