

Chapter 11: Push and Pull

Worksheet 1

1. Fill in the blanks.

- (i) A force is a pull or _____ action.
- (ii) A _____ can change the direction of a moving object.
- (iii) The _____ force attracts iron, nickel and cobalt.
- (iv) The _____ force makes an apple fall on the ground.
- (v) We can carry objects due to our _____ force.

2. Write T for true and F for false statement.

- (i) A pull is an action which moves a thing away from oneself.
- (ii) A force can change the shape of an object.
- (iii) Frictional force stops a moving object.
- (iv) A magnet pulls wooden and plastic objects.
- (v) We unfurl a flag by pulling its rope.

3. Identify and name the force in the following cases.

- (i) Force used to kick a ball _____
- (ii) A ball comes down after throwing it up _____
- (iii) An iron nail clings to a magnet _____
- (iv) A crane separates iron scrap from the garbage _____
- (v) A ball rolling on the ground stops after moving some distance _____

Chapter 11: Push and Pull

Worksheet 2

1. Give one word for the following.

- (i) An action which moves a thing away from oneself
- (ii) A substance which pulls iron, nickel and cobalt
- (iii) The force with which earth pulls objects
- (iv) The force which helps us to stay on the ground
- (v) The force applied by our hands to do an activity

2. Pick Pull and Push activities.

- (i) Throwing up a ball
- (ii) Clinging of an iron key to a magnet
- (iii) Rolling of *chapatis*
- (iv) Squeezing a toothpaste
- (v) Peeling of a banana

3. Answer these questions.

- (i) What is a pull?
- (ii) What is a force?
- (iii) Which force helps to separate iron objects from waste?
- (iv) Why does a ball rolling on the ground stop after some time?
- (v) Why does a ball thrown up return to the ground?