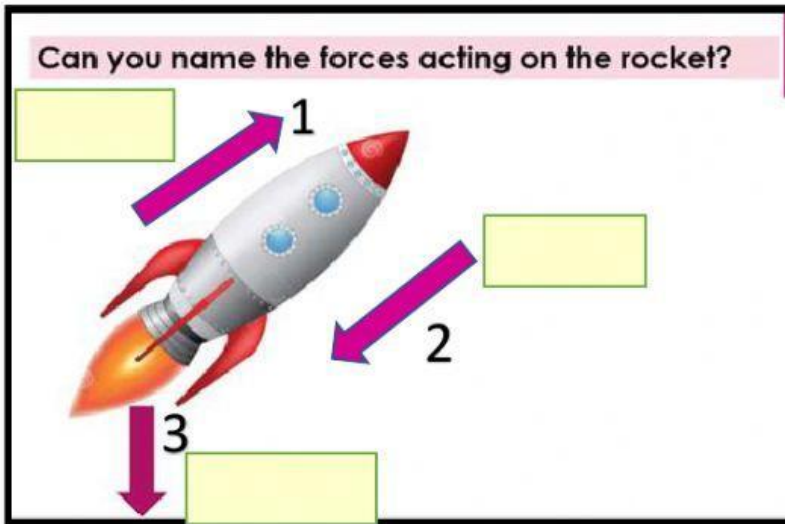


## Chapter-8- Practice Worksheet

### Choose the correct option

1. If an object moves from one place to another, It change its-----
  - A. Distance
  - B. Speed
  - C. Position
2. ----- means how far an object moves from one point to another point.
  - A. Distance
  - B. Speed
  - C. Position
3. -----describes the object's speed and direction of motion.
  - A. Velocity
  - B. Speed
  - C. Distance
4. We measure speed in-----
  - A. Km/h
  - B. Grams
  - C. Kilograms
5. Any change in the speed or direction of an object is called-----
  - A. Acceleration
  - B. Position
  - C. Velocity
6. ----- is a push or pull which makes an object move.
  - A. Gravity
  - B. Force
  - C. Acceleration
7. ----- is a pulling force between two objects.
  - A. Gravity
  - B. Friction
  - C. Acceleration
8. The force that helps the boat float in water is-----
  - A. Gravity
  - B. Buoyancy
  - C. Drag
9. The force that is needed to start or stop a motion?
  - A. Gravity
  - B. Friction
  - C. Acceleration
10. What will happen to the boat if the gravity become more than buoyancy?
  - A. The boat will float
  - B. The boat will sink

11. Drag and drop the names of forces acting on a rocket.



Thrust

Gravity

Drag

12. Drag and drop the names of forces acting on an airplane.



Gravity

Lift

Thrust

Drag

13. Fill in the blanks

Drag

Lift

Thrust

1. ----- helps the airplane to go up in the sky.

2. ----- and ----- work in opposite direction in a rocket.

**14. Match the following**

Friction

Any change in the speed or direction.

Gravity

A push or pull which makes an object move.

Force

It is a type of force that occurs when an object rubs against another.

Acceleration

It describes the object's speed and direction of motion.

Velocity

It is a pulling force between two objects