



Name: \_\_\_\_\_ Class: \_\_\_\_\_

## Force and gravity

- Inertia refers to \_\_\_\_\_ .
  - force
  - the ability for an object to stay in motion
  - a state of rest of an object or uniform motion in a straight line unless a force acts on it
  - the force of gravity
- A pull or push that acts on an object is referred to as \_\_\_\_\_.
  - force
  - friction
  - a factor
  - gravity
- The force that enables us to remain on the Earth's surface is \_\_\_\_\_.
  - inertia
  - friction
  - acceleration
  - gravity
- The force that causes resistance when rubbing sandpaper on wood is called \_\_\_\_\_.
  - friction
  - inertia
  - acceleration
  - gravity
- \_\_\_\_\_ is when a force moves an object over a distance.
  - acceleration
  - inertia
  - friction
  - work
- What is the fulcrum ?
  - handle of a lever
  - pivot point of a lever
  - a force acting on a lever
  - none of the above

1. Inertia refers to \_\_\_\_\_ .
  - a. force
  - b. the ability for an object to stay in motion
  - c. a state of rest of an object or uniform motion in a straight line unless a force acts on it
  - d. the force of gravity
  
2. A pull or push that acts on an object is referred to as \_\_\_\_\_.
  - a. force
  - b. friction
  - c. a factor
  - d. gravity
  
3. The force that enables us to remain on the Earth's surface is \_\_\_\_\_.
  - a. inertia
  - b. friction
  - c. acceleration
  - d. gravity
  
4. The force that causes resistance when rubbing sandpaper on wood is called \_\_\_\_\_.
  - a. friction
  - b. inertia
  - c. acceleration
  - d. gravity
  
5. \_\_\_\_\_ is when a force moves an object over a distance.
  - a. acceleration
  - b. inertia
  - c. friction
  - d. work
  
6. What is the fulcrum ?
  - a. handle of a lever
  - b. pivot point of a lever
  - c. a force acting on a lever
  - d. none of the above