



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

## Forces and motion activity

1. What force pulls two objects toward each other ?
  - a. friction
  - b. weight
  - c. gravity
  - d. expansion
2. The measure of the pull of gravity on objects is known as \_\_\_\_\_.
  - a. friction
  - b. weight
  - c. gravity
  - d. expansion
3. Which of the following are invisible forces ?
  - a. friction
  - b. tension
  - c. gravity
  - d. all of the above
4. A rocket was launched into space. It flew up into the sky exerting an opposing force. In which direction did the opposing force go ?
  - a. eastward
  - b. downward
  - c. upward
  - d. all of the above
5. What makes objects of the same size to weigh differently ?
  - a. difference in mass
  - b. difference in scales used
  - c. human error in reading
  - d. none of the above
6. What is speed ?
  - a. the weight of an object in space
  - b. the rate at which an object changes its position in a given direction
  - c. the force of gravity on an object
  - d. the rate at which an object covers a given distance

7. What is the meaning of velocity ?

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