

Name \_\_\_\_\_

Date \_\_\_\_\_

## Force and Motion Test

acceleration	equilibrium	machine	force
power	inertia	work	velocity

**Directions:** Use the word bank to answer these vocabulary questions. The words above will only be used once when answering 1-8.

1. A \_\_\_\_\_ is a device that makes work easier to do.
2. When all forces acting on an object balance each other, the object is said to be in a state of \_\_\_\_\_.
3. \_\_\_\_\_ is done when force moves an object.
4. \_\_\_\_\_ is the rate at which work is done.
5. An object resists a change in motion because of \_\_\_\_\_.
6. The \_\_\_\_\_ of a moving object describes its speed and direction.
7. Gravity is a \_\_\_\_\_ that pulls objects toward the center of the earth.
8. \_\_\_\_\_ is the rate at which velocity changes.