

## Word Game

On the lines below, write the word or words that best fit the description on the left. When you are finished, the boxed-in letters will spell out one of the topics discussed in the chapter. Fill in the word or phrase in the space provided.

1. Newton's statement that an object will maintain its motion unless acted upon by an unbalanced force  
 \_\_\_\_\_  \_\_\_\_\_
2. Measure of the pull of gravity on a mass  
 \_\_\_\_\_  \_\_\_\_\_
3. Push or pull that gives energy to an object  
 \_\_\_\_\_  \_\_\_\_\_
4. Result of the combination of an object's forward inertia and the downward pull of gravity on the object  
 \_\_\_\_\_  \_\_\_\_\_
5. All liquids and gases are classified as this.  
 \_\_\_\_\_  \_\_\_\_\_
6. Tendency of matter to resist change in motion  
 \_\_\_\_\_  \_\_\_\_\_
7. Substances that change sliding friction to fluid friction  
 \_\_\_\_\_  \_\_\_\_\_
8. Kind of force that causes a change in motion  
 \_\_\_\_\_  \_\_\_\_\_
9. Causes all objects to attract each other  
 \_\_\_\_\_  \_\_\_\_\_
10. Kind of forces that are equal and opposite to each other  
 \_\_\_\_\_  \_\_\_\_\_
11. Statement that every action has an equal and opposite reaction  
 \_\_\_\_\_  \_\_\_\_\_

12. Any object thrown in the air



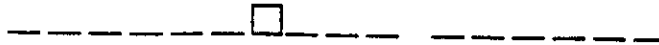
13. Force that acts in an opposite direction to the motion of a moving object



14. Frictional force acting between two solid surfaces moving smoothly in opposite directions



15. This path is always a curve.



16. Force of attraction that decreases as distance increases



Speed of an object when the pull of gravity is equal to the air resistance

