

# Physical Science

## Chapter 1 Reading Quiz

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

1. What category of science will we be covering in this class?
2. Scientific \_\_\_\_\_ help you understand the natural world.
3. Many years ago scientists thought that \_\_\_\_\_ was a fluid.
4. \_\_\_\_\_ scientists knew that a ceramic coating had been found to solve the guided missile problem.
5. A \_\_\_\_\_ is a standard by which test results can be compared.
6. For the hypothesis to be considered valid, the \_\_\_\_\_ must result in the exact same data each time it is repeated.
7. Meteorology has changed greatly due to computer \_\_\_\_\_.
8. An explanation of events based on knowledge from observations is call a/an \_\_\_\_\_.
9. One important historic example of science following \_\_\_\_\_ is the development of the steam engine.
10. When taking a measurement you should include a \_\_\_\_\_ and a \_\_\_\_\_.
11. What is the metric system also known as besides international system?  
\_\_\_\_\_
12. The standard for mass is the \_\_\_\_\_.
13. How many centimeters would be in a car that measured 5.25 meters in length?  
\_\_\_\_\_
14. The size of the unit you use to make a measurement depends on the \_\_\_\_\_ of the object being measured.
15. What is the distance from the earth to the sun? \_\_\_\_\_
16. If the size of a shoe box is 15cm by 30cm by 22cm, what is the volume of the box? (be sure to include a unit) \_\_\_\_\_

17. How many milliliters are in 125 cubic centimeters? \_\_\_\_\_
18. If a pillow has a mass of 1500 grams and a volume of 200 milliliters, what is its density? \_\_\_\_\_
19. When different units in the metric system (or any measuring system for that matter) are combined to create a new unit it is called a/an \_\_\_\_\_.
20. Celsius temperatures can be found by \_\_\_\_\_ 273 to the Kelvin temperature.
21. What is another name for the y-axis on a graph? \_\_\_\_\_
22. You can show more than one event on the same graph as long as the relationship between the \_\_\_\_\_ is the same.
23. To compare data you get from counting you would use a \_\_\_\_\_.
24. A good way to compare percentages is to use a \_\_\_\_\_.
25. People with \_\_\_\_\_ are thought to think in pictures.