

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

Date: \_\_\_\_\_

**Directions:** Write the letter of the definition on the line next to the vocabulary term that it matches!

1. _____ Scientific method	<b>A.</b> The act of noticing, noting, and recording facts
2. _____ Observation	<b>B.</b> A guess in advance of what one believes will happen
3. _____ Qualitative	<b>C.</b> A group of unrelated units of measurement common in the USA
4. _____ Quantitative	<b>D.</b> A step in the scientific process in which materials and procedures are recorded and a test is performed to collect data
5. _____ Problem	<b>E.</b> The results or outcome of an experiment
6. _____ Prediction	<b>F.</b> A process to find answers to questions about the world around us
7. _____ Hypothesis	<b>G.</b> International System of Units
8. _____ Variable	<b>H.</b> Type of data in which qualities such as color, smell, or texture is observed
9. _____ Independent variable	<b>I.</b> A chart that is used in organizing and identifying specific information
10. _____ Dependent variable	<b>J.</b> A question based on observation that one would like to investigate
11. _____ Controlled variables	<b>K.</b> Any factor, trait, or condition that can affect the outcome of an experiment
12. _____ Control group	<b>L.</b> Type of data in which quantities such as a measurement, amount, or number is observed
13. _____ Experiment	<b>M.</b> Variable(s) that remains the same or constant in all trials
14. _____ Data table	<b>N.</b> An educated guess using an 'If, Then because' format
15. _____ Analysis	<b>O.</b> A variable that is changed or manipulated by the scientist
16. _____ Conclusion	<b>P.</b> A detailed examination or study of information
17. _____ Metric system	<b>Q.</b> A variable that responds to change and is measured or observed
18. _____ SI	<b>R.</b> A comparison group that doesn't receive the studying factor in an experiment
19. _____ Customary Units	<b>S.</b> A universal system of measurement that is all related