

Name

Date

Period

### Scientific Investigation Test

1. Which is the third step of the scientific method?
  - a. Draw Conclusions, and if necessary, revise and repeat the experiment
  - b. State the problem or testable question
  - c. Collect evidence (conduct an experiment)
2. Which is the first step of the scientific method?
  - a. Analyze Data
  - b. State the problem or testable question
  - c. Collect evidence (conduct an experiment)
3. Which is the fifth step of the scientific method?
  - a. Propose an explanation, also known as the hypothesis
  - b. Analyze Data
  - c. Draw Conclusions, and if necessary, revise and repeat the experiment
4. What is the second step of the scientific method?
  - a. Propose an explanation, also known as the hypothesis
  - b. State the problem or testable question
  - c. Draw Conclusions, and if necessary, revise and repeat the experiment
5. What is the fourth step of the scientific method?
  - a. State the problem or testable question
  - b. Analyze Data
  - c. Collect evidence (conduct an experiment)
6. What is the name of the variable that is manipulated or changed in a scientific investigation?
  - a. Control Variable
  - b. Dependent Variable
  - c. Independent Variable
7. What is the name of the variable that does not change in a scientific investigation?
  - a. Control Variable
  - b. Dependent Variable
  - c. Independent Variable