

Name: _____

Date: _____

Scientific Method Video

1. The scientific method is a _____ that helps us make sense of our surroundings.
2. The scientific method can be _____ by anyone to _____ out someone's _____.
3. _____ are the cornerstone of the scientific method.
4. Steps of the scientific method
 - a) Ask a _____
 - b) Form a _____
 - a. Make a _____ which is an _____
 - c) _____ and _____ an _____
 - d) _____ the results of the experiment
 - e) Draw a _____.
 - a. State what you have found
 - b. May give rise to new _____
5. Experimental stages
 - a) Gather _____
 - b) Know how to use a piece of _____
 - c) _____ and _____ data
 - d) Identify a _____ test variable and _____ other variables
 - e) Perform _____
 - f) Use _____!
6. What was the hypothesis of the ant experiment?

7. What was the test variable in the ant experiment?

8. Was the ant hypothesis correct?

9. Explaining the _____ and the _____ of the _____ are the most important steps of the scientific method

10. Scientific method is important because:

a) Provides a procedure to _____ other people's

b) Forces the experimenter to _____ and _____ they
obtained their results.

11. Science advances by the _____