

Scientific Method Worksheet

True or False If the answer is true, write "true" on the line.

If the answer is false, replace the underlined word or phrase with one that will make the sentence correct.

Write the new word(s) on the line.

1. _____ Observing is the final step of the scientific method.
2. _____ A scientific theory is different from a scientific law because it represents the best explanation based on current evidence.
3. _____ To be considered valid, a hypothesis does not need to be testable.
4. _____ The control group is the group that receives the experimental treatment.
5. _____ The responding variable is the same thing as the dependent variable.

What is the purpose of the control group in a scientific experiment?