

What is science?

Directions: List the steps that are usually followed in scientific methods.

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. What does SI stand for?

Directions: Match each unit with what it measures by writing the correct letter in the space provided.

- | | |
|--------------------|-----------|
| _____ 9. meter | a. length |
| _____ 10. liter | b. mass |
| _____ 11. kilogram | c. volume |

Directions: Answer the following questions on the lines provided.

12. Suppose a scientist wants to test a new drug to fight the flu. The scientist injects the drug into three people with the flu. The scientist injects a harmless solution into three other people with the flu. In this experiment, what is the variable group and what is the control group?

13. Why is it necessary to follow safety rules in the science laboratory?

14. What is the difference between a theory and a scientific law?

