Introduction to Science - Chapter 1 Quiz

Match the following science specialty with the correct branch of science.

1. Ecology _____
2. Chemistry _____
3. Physics _____
4. Astronomy _____
5. Botany _____

Drag and Drop the correct answer to each of the following questions.

Bias **Law** **Theory** **Physical Science**

6. _____ is the study of matter and energy.
7. A scientific _____ *explains* how a natural process works.
8. A scientific _____ *describes* a process in nature.
9. A scientist must be careful to avoid _____ in an experiment by planning and analyzing carefully.

Number the following according to what you would do first, second, third and fourth.

10. Hypothesize _____
11. Conclude _____
12. Form a question _____
13. Test _____

LIVEWORKSHEETS

Draw a line to connect the picture with the correct instrument name.

14.

Beaker

15.

E. Flask

16.

Graduated Cylinder

17.

Triple Beam Balance

LIVEWORKSHEETS

Match the word with the correct definition.

18. _____ Mass
19. _____ Length
20. _____ Volume
21. _____ Weight

a.) A result of the force of gravity

b.) A straight line between 2 points

c.) The amount of matter in an object

d.) The space an object takes up

Identify what type of graph is best for each of the following situations.

22. Showing parts of a whole _____
23. Showing a pattern or trend _____
24. Showing a comparison _____

Determine which type of measurement or unit each of the following instruments will make or use.

25. Volume _____
26. Mass _____
27. Length _____
28. Grams _____
29. Centimeters _____
30. milliliters _____

True or False

31. _____ Roentgen discovered the X-ray.
32. _____ You can use a beaker to measure out a liquid volume.

LIVEWORKSHEETS