

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
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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 _____

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



14.

Beaker



15.

E. Flask



16.

Graduated Cylinder



17.

Triple Beam Balance

Match the word with the correct definition.

18. _____ Mass	a.) A result of the force of gravity
19. _____ Length	b.) A straight line between 2 points
20. _____ Volume	c.) The amount of matter in an object
21. _____ Weight	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.