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Science Physical about Worksheet الملف

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**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 \_\_\_\_\_

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



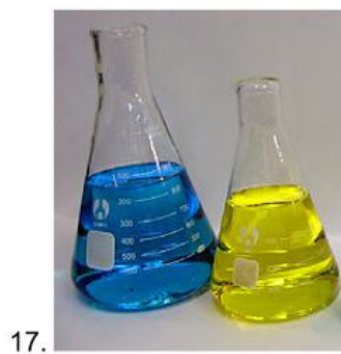
Beaker



E. Flask



Graduated Cylinder



Triple Beam Balance

**Match the word with the correct definition.**

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