



Figure 1

Observations

Part A. Identifying Laboratory Equipment

- | | |
|------------------------------|-------------------------------|
| _____ 1. beaker | _____ 13. glass slide |
| _____ 2. Bunsen burner | _____ 14. petri dish |
| _____ 3. coverslip | _____ 15. pipette |
| _____ 4. dissecting pins | _____ 16. probe |
| _____ 5. dissecting scissors | _____ 17. metric ruler |
| _____ 6. dissecting tray | _____ 18. safety goggles |
| _____ 7. medicine dropper | _____ 19. scalpel |
| _____ 8. forceps | _____ 20. test tube |
| _____ 9. funnel | _____ 21. test tube rack |
| _____ 10. graduated cylinder | _____ 22. thermometer |
| _____ 11. hand lens | _____ 23. triple-beam balance |
| _____ 12. microscope | |

Part B. Identifying the Function of Certain Types of Laboratory Equipment

1. beaker _____
2. Bunsen burner _____
3. coverslip _____
4. dissecting pins _____
5. dissecting scissors _____
6. dissecting tray _____
7. medicine dropper _____
8. forceps _____
9. funnel _____
10. graduated cylinder _____
11. hand lens _____
12. microscope _____
13. glass slide _____
14. petri dish _____
15. pipette _____
16. probe _____
17. metric ruler _____

- 18. safety goggles _____
- 19. scalpel _____
- 20. test tube _____
- 21. test tube rack _____
- 22. thermometer _____
- 23. triple-beam balance _____

Analysis and Conclusions

1. Which laboratory tools can be used to magnify small objects so they can be seen more easily?

2. Which laboratory tools are useful when looking at the internal organs of an earthworm?

Critical Thinking and Application

1. What tool or tools would you use to make each of the following measurements?

- a. amount of milk in a small glass _____
- b. length of a sheet of paper _____
- c. temperature of a swimming pool _____
- d. mass of a baseball _____

2. How do laboratory tools improve the observations made by a scientist?

Going Further

Examine other types of laboratory equipment that you will be using in the biology laboratory. Try to determine the function of each piece of equipment.

