

## Freshwater Pollution

095.114-123

### What Is Pollution?

1. The addition of any substance that has a negative effect on water or the living things that depend on water is called \_\_\_\_\_.
2. Circle the letter of each sentence that is true about water pollution.
  - a. It can affect surface water.
  - b. It cannot affect groundwater.
  - c. It results from human activities.
  - d. It does not result from natural causes.
3. The substances that cause pollution are called \_\_\_\_\_.

4. Is the following sentence true or false? It is safe to bathe or swim in polluted water as long as you do not drink it.

5. What are some types of pollutants found in water?

6. List the four major sources of water pollution.

a. \_\_\_\_\_ b. \_\_\_\_\_

c. \_\_\_\_\_ d. \_\_\_\_\_

7. What is the difference between a point source and a nonpoint source of water pollution?

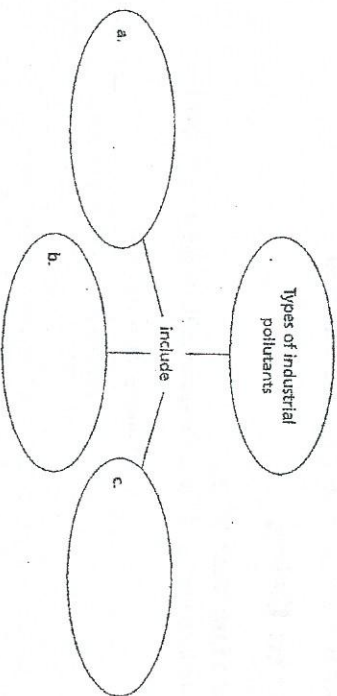
### Human Wastes

8. How can a flood cause polluted surface water?

9. Is the following sentence true or false? Disposing of human waste is a problem only in big cities.

### Industrial Wastes

10. Complete the concept map.



11. Circle the letter of each sentence that is true about toxic chemical wastes from industry.

- a. Few industrial processes involve toxic chemicals.
- b. Some toxic wastes are side effects of manufacturing and mining.
- c. Chemical pollution from factories is now controlled by law.
- d. Factories no longer release toxic chemicals directly into rivers and lakes.

12. Rain that is more acidic than normal is called \_\_\_\_\_.

13. Circle the letter of each sentence that describes an outcome of acid rain.

- a. Fish die off.
- b. Groundwater is polluted with oil and gasoline.
- c. Stone buildings and statues are eaten away.
- d. Lake water becomes acidic.

14. How could warm water act as a pollutant?

### Chemical Runoff

15. Is the following sentence true or false? Fertilizers in runoff are a point source of pollution.

16. Chemicals intended to kill insects and other organisms that damage crops are called \_\_\_\_\_.

17. List three pollutants that are found in runoff from roads.

a. \_\_\_\_\_ b. \_\_\_\_\_

c. \_\_\_\_\_

18. Is the following sentence true or false? Road runoff is a nonpoint source of pollution.