Use with textbook pages 454–460.

Water quality

Every organism on Earth needs water to survive. Many factors can affect water quality.

Answer the questions below about water quality.

1. What is pollution?

_____
_____
_____

2. What are point sources of pollution?

_____
_____
_____

3. What are non-point sources of pollution?

_____
_____
_____

4. What effect does non-point pollution have on ground water?

_____
_____
_____
_____

5. How is acidic precipitation formed?

_____
_____
_____
_____

Name _____   Date _____

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Water pollution

Vocabulary	
5.0	oil spill
7.0	pesticide
acidic precipitation	pH
acidic	point sources
acids	pollutants
non-point sources	pollution
oil	

Use the terms in the vocabulary box above to fill in the blanks. Each term may be used as often as needed. You will not need to use all the terms.

1. _____ of water pollution are sources that directly pollute the water.

2. A(n) _____ is a point source of pollution. So is dumping garbage from a boat or dock.

3. _____ of water pollution are sources that indirectly pollute the water.

4. Someone putting _____ (poison) on a lawn or field is a non-point source of pollution.

5. Other kinds of _____, such as old fishing nets and plastic rings, can hurt living things if they get tangled in them.

6. Oil spills hurt and kill living things because the _____ sticks to them.

7. Some _____ are gases and particles that are given off by cars, trucks, and smokestacks. They mix and dissolve with water vapour, and they form strong _____.

8. The _____ that carries this acidic water back to Earth makes water in ponds and lakes more _____ than they normally are.

9. _____ is a measure of how acidic or basic a substance is. Precipitation is called acidic if it has a pH of less than _____.

10. _____ that are given off into the air also include heavy metals such as lead and mercury.