

Are You As Smart As a Fifth Grader? Water Quiz

(from http://www.eeweek.org/water_bee/quiz_2/)

Answers are below, but don't cheat!

1. Precipitation is considered “acid precipitation” if its pH is

- A. 7 B. less than 5.6 C. 5.6 D. greater than 7

2. The human body is approximately what percentage of water?

- A. 98% B. 2% C. 70% D. 26%

3. Where does most stormwater runoff from city streets go?

- A. to water treatment facilities B. to local rivers and streams
C. to the neighbor's yard D. to puddles

4. What percentage of the earth's surface is covered by water?

- A. 20% B. 50% C. 70% D. 100%

5. Which of the following is NOT an example of water conservation?

- A. keeping water in the refrigerator B. taking a bath, not a shower
C. watering lawns in the early morning D. fixing leaky faucets

6. Which of the following is an example of point source pollution?

- A. oil from a parking lot B. soil from an agricultural field
C. sewage from a pipe D. fertilizer from a suburban yard

7. What are possible sources of drinking water?

- A. ground water B. lakes C. rivers and streams D. all of the above

8. How much of the water on Earth is fresh water?

- A. 1% B. 10% C. 20% D. 50%

9. About how long can a human survive without water?

- A. three days B. one week C. two weeks D. one month

10. What is the longest river in the world?

A. Amazon River B. Mississippi River C. Ganges River D. Nile River

Bonus: What lake holds more fresh water than any other?

A. Lake Superior B. Lake Victoria C. Lake Baikal D. Lake Huron

Answers:

1. Normal rain or snow is slightly acidic, with a pH between 7 and 5.6. If the pH is lower than 5.6, the precipitation is considered acidic. Correct answer: B

2. The human body is approximately 70% water. Correct answer: C

3. Most stormwater runoff goes to streams and rivers or other local water bodies. Stormwater should not be directed to wastewater treatment facilities, because the excess water can cause combined sewer overflows. Correct answer: B

4. 70% of the Earth's surface is covered by water. Most of this water is found in the oceans. Correct answer: C

5. On average, taking a shower uses less water than taking a bath. Try to keep showers under 5 minutes to conserve water. Correct answer: B

6. Oil runoff from parking lots and roads, sediment from agricultural fields, and fertilizer runoff from yards are all examples of nonpoint source pollution. Correct answer: C

7. Drinking water can come from rivers, streams, lakes and groundwater. Correct answer: D

8. Only about 1% of the water on Earth is fresh, potable water. The rest is saltwater. Correct answer: A

9. Without water, a human can survive only about one week. Correct answer: B

10. The Nile River in Africa is the longest river in the world at approximately 6700 kilometers. Correct answer: D

Bonus: Lakes Superior, Victoria, and Huron have great surface area, but with a depth of over 1600 meters, Lake Baikal in Russia holds more fresh water than any other lake. Correct answer: C