



Applying knowledge to improve water quality

Southern Regional Water Program

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Water Wizdom

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Southern Regional Water Program



Think you're a Water Wiz? Take the Water Quiz!

Water Wizardom

You won't need pen or paper to take this quiz. Just start at #1, and follow the directions to the next station. Even a wizard might learn a thing or two about our most precious resource.

Good Luck!



1 Your body needs what amount of water per day to be healthy?

[½ Quart. Go to 4](#)
[2 Quarts. Go to 7](#)

2 No. People of any age may get gastrointestinal problems from high concentrations of sulfates in their drinking water.

[Go to 6](#)

3 What contaminant in drinking water affects mostly babies less than one year old?

[Sulfates. Go to 2](#)
[Nitrates. Go to 6](#)

4 At that rate, you would be recruited by the California Raisins.

[Go back to 1](#)

5 What factor other than amount of water vapor determines relative humidity?

[Latitude. Go to 8](#)
[Temperature. Go to 10](#)

6 Yes. Nitrates react in the body and reduce oxygen in the bloodstream, causing Blue Baby Syndrome (methemoglobinemia).

[Go to 5](#)

7 Right, and a 2-quart daily supply of tap water costs, on average in the U.S., one penny every 20 days.

[Go to 3](#)

8 Wrong. Even with a lot of latitude, that answer is way off base.

[Go back to 5](#)

9 What chemical, if present in water, can move into air, causing an air quality problem indoors?

[Lead. Go to 13](#)
[Radon. Go to 15](#)

10 Correct. Warm air can hold more water vapor than cold air, making temperature a factor in relative humidity.

[Go to 9](#)

11 No, hallucinations can start with only a 5% loss. Death can result at 15% for adults and at only 10% for children.

[Go to 12](#)

12 Does clean, purified water contain any substance other than H₂O?

[Yes. Go to 16](#)
[No. Go to 18](#)

13 Nope. Lead can be a hazard in drinking water, but

does not become airborne if it is present in water.
[Go to 15](#)

14 What percentage of water loss from the body can cause a person to hallucinate?
[5% Go to 17](#)
[10% Go to 11](#)

15 Radon is a gas that moves easily from heated or agitated water into the air, where it is even more hazardous if inhaled.
[Go to 14](#)

16 Right. Even “pure water” is a mixture of 18 isotopes and 15 ions, 33 different substances in all.
[Go to 19](#)

17 Correct. Only 1% loss can cause pain, and 15% loss can result in death.
[Go to 12](#)

18 Not quite right. Even “pure water” is a mixture of 18 isotopes and 15 ions, 33 different substances in all.
[Go to 19](#)

19 **Congratulations!!** You made it through. And hopefully learned something in the process. Now take what you’ve learned and do your part to conserve and protect our water resources.

