

JEOPARDY!

WATER TREATMENT

JOURNEY OF A DROP	THAT'S A LOT OF WATER	SQUEAKY CLEAN	CONSERVATION CORNER	AROUND ATHENS
\$100	\$100	\$100	\$100	\$100
\$200	\$200	\$200	\$200	\$200
\$300	\$300	\$300	\$300	\$300
\$400	\$400	\$400	\$400	\$400
\$500	\$500	\$500	\$500	\$500

JOURNEY OF A DROP - \$100 Question

River or reservoir water that comes into the drinking water treatment plant through the intake pipes

Click to see answer



JOURNEY OF A DROP - \$100 Answer

Raw water

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JOURNEY OF A DROP - \$200 Question

The chemical that acts like glue that causes sediment and other particles in raw water to clump together

Click to see answer



JOURNEY OF A DROP - \$200 Answer

Alum



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JOURNEY OF A DROP - \$300 Question

Not a group of birds, but this is a group of the sediment particles that have clumped together

Click to see answer



JOURNEY OF A DROP - \$300 Answer

Floc



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JOURNEY OF A DROP - \$400 Question

Water passes through these filters to catch the smallest particles. Name one of the two

[Click to see answer](#)



JOURNEY OF A DROP - \$400 Answer

Coal and Sand



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JOURNEY OF A DROP - \$500 Question

Clean water is stored in these two large storage tanks at the Drinking Water Treatment Plant

Click to see answer



JOURNEY OF A DROP - \$500 Answer

Clearwells



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THAT'S A LOT OF WATER - \$100 Question

The percentage of Earth that is covered by water:

Click to see answer



THAT'S A LOT OF WATER - \$100 Answer

71%



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THAT'S A LOT OF WATER - \$200 Question

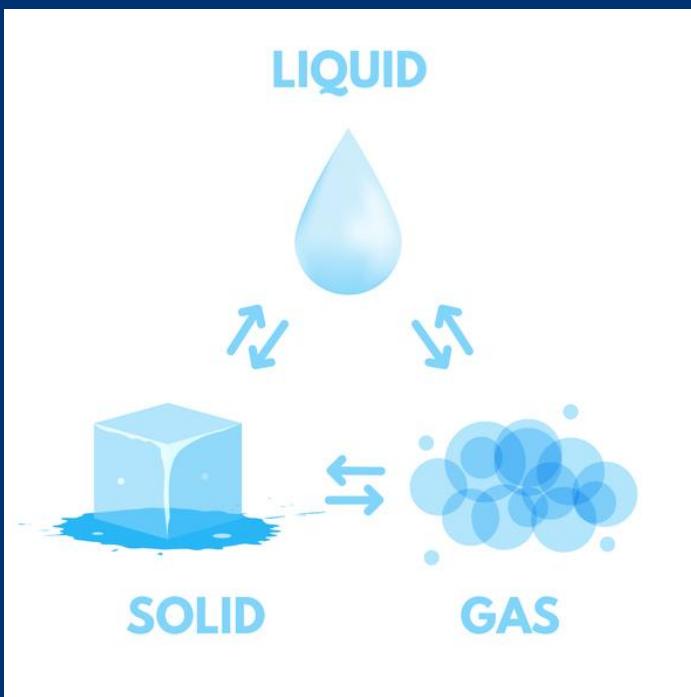
Water is the only substance on Earth found in three forms. They are...

Click to see answer



THAT'S A LOT OF WATER - \$200 Answer

Solid, Liquid, and Gas



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THAT'S A LOT OF WATER - \$300 Question

I am the water that falls to the Earth as a liquid or solid

Click to see answer



THAT'S A LOT OF WATER - \$300 Answer

Precipitation



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THAT'S A LOT OF WATER - \$400 Question

Of the 71% of water that covers the Earth, what percentage is available for drinking water use?

Click to see answer



THAT'S A LOT OF WATER - \$400 Answer

Less than 1%,
(actually 0.003%)

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THAT'S A LOT OF WATER - \$500 Question

Attached to a gutter, this container catches water coming off a roof to help limit Stormwater runoff

Click to see answer



THAT'S A LOT OF WATER - \$500 Answer

Rain Barrel



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SQUEAKY CLEAN - \$100 Question

The chemical added to raw water for the proper pH level is called (but not the fruit!)

Click to see answer



SQUEAKY CLEAN - \$100 Answer

Lime



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SQUEAKY CLEAN - \$200 Question

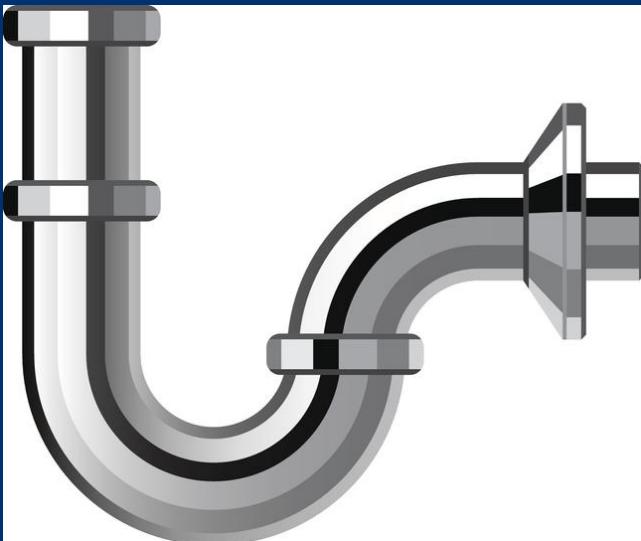
The chemical added to protect the lining of pipes to prevent lead from entering our water

Click to see answer



SQUEAKY CLEAN - \$200 Answer

Phosphate



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SQUEAKY CLEAN - \$300 Question

Water travels through this type of light for further disinfection and ensures the water contains no bacteria or viruses

[Click to see answer](#)



SQUEAKY CLEAN - \$300 Answer

Ultraviolet Light



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SQUEAKY CLEAN - \$400 Question

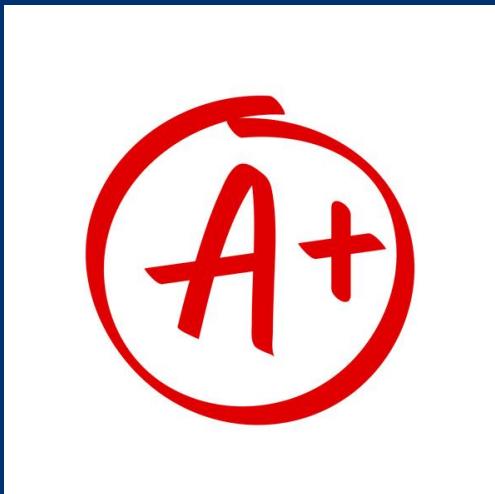
Like you, water has to go through regular testing. Why would water need to be tested?

[Click to see answer](#)



SQUEAKY CLEAN - \$400 Answer

To make sure it is always
safe to drink



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SQUEAKY CLEAN - \$500 Question

This chemical is added to the water to make sure our teeth stay strong and healthy

[Click to see answer](#)



SQUEAKY CLEAN - \$500 Answer

Fluoride



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Conservation Corner - \$100 Question

Which time is best to water your lawn, in the hottest part of the day, or early morning/late afternoon?

[Click to see answer](#)



Conservation Corner - \$100 Answer

Early morning or late afternoon, to avoid evaporation before the plants have time to drink it



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Conservation Corner - \$200 Question

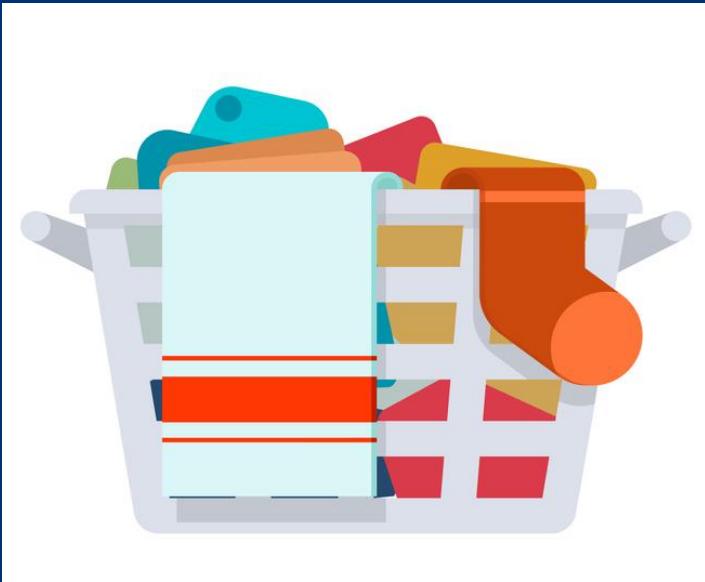
To save water, you should only use the clothes washer or dishwasher when...

[Click to see answer](#)



Conservation Corner - \$200 Answer

There are full loads



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Conservation Corner - \$300 Question

Seeing or hearing drips from faucets around your home can indicate this

Click to see answer



Conservation Corner - \$300 Answer

A wasteful leak



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Conservation Corner - \$400 Question

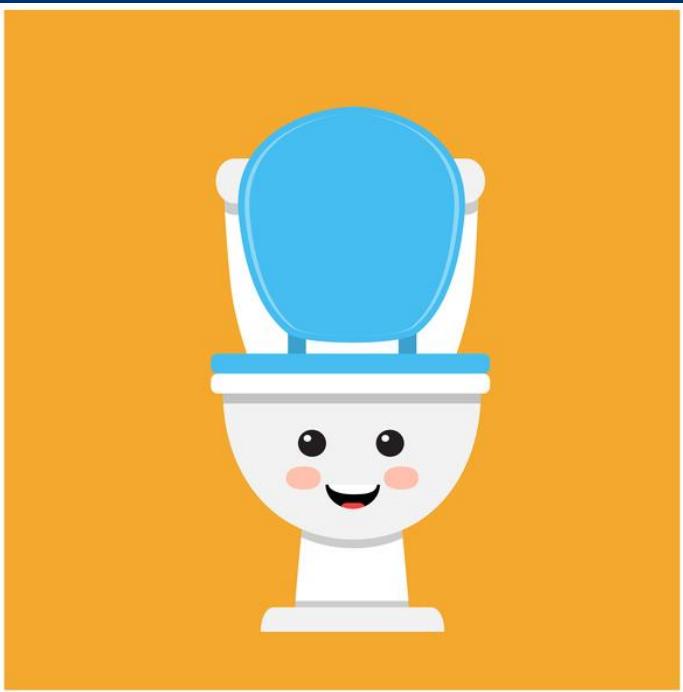
This appliance accounts for the largest use of household water

Click to see answer



Conservation Corner - \$400 Answer

Toilet



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Conservation Corner - \$500 Question

Do you know which saves more water? Taking a bath, or taking a five-minute shower?

[Click to see answer](#)



Conservation Corner - \$500 Answer

Taking a five-minute shower



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AROUND ATHENS - \$100 Question

There are about __ miles of pipe underground that transports Athens' clean water

[Click to see answer](#)



AROUND ATHENS - \$100 Answer

800 miles

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AROUND ATHENS - \$200 Question

The drinking water for Athens comes from these three sources:

Click to see answer



AROUND ATHENS - \$200 Answer

The North Oconee River, The Middle Oconee River, and the Bear Creek Reservoir



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AROUND ATHENS - \$300 Question

The name of the amphibious mascot that reminds Athenians to conserve and protect their water every day is

Click to see answer



AROUND ATHENS - \$300 Answer

Lily Anne Phibian



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AROUND ATHENS - \$400 Question

The number of gallons that Athens drinking water facilities are capable of producing per day

Click to see answer



AROUND ATHENS - \$400 Answer

36 million gallons

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AROUND ATHENS - \$500 Question

The J.G. Beacham Drinking Water Treatment Plant was first opened in...(remember, there was no wifi)

Click to see answer



AROUND ATHENS - \$100 Answer

1935

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FINAL

JEOPARDY!

Topic: Water Conservation

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Final Jeopardy Question

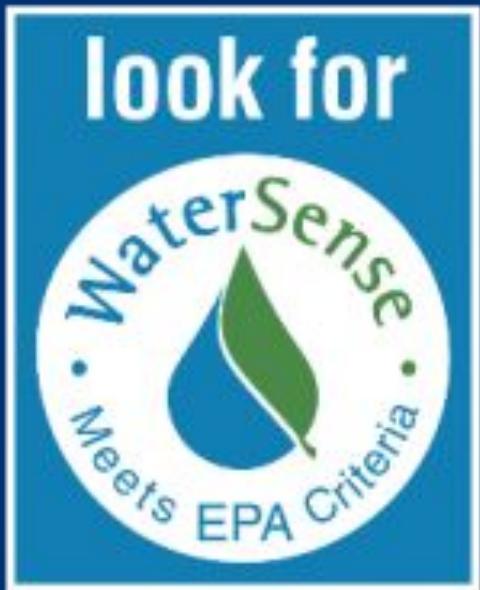
These labeled products all use at least 20% less water than regular models

Click to see answer



Final Jeopardy Answer

WaterSense



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