



Wet and Wonderful!

Get your feet wet with these water words. They all contain either the root *aqua* or the root *hydr*, from the Latin and Greek words for "water."

Test your memory! Cut out all the squares and place them face down on a table. How many pairs can you correctly match? Next, write the letter of the correct definition drop on each faucet. Check your answers with a dictionary.

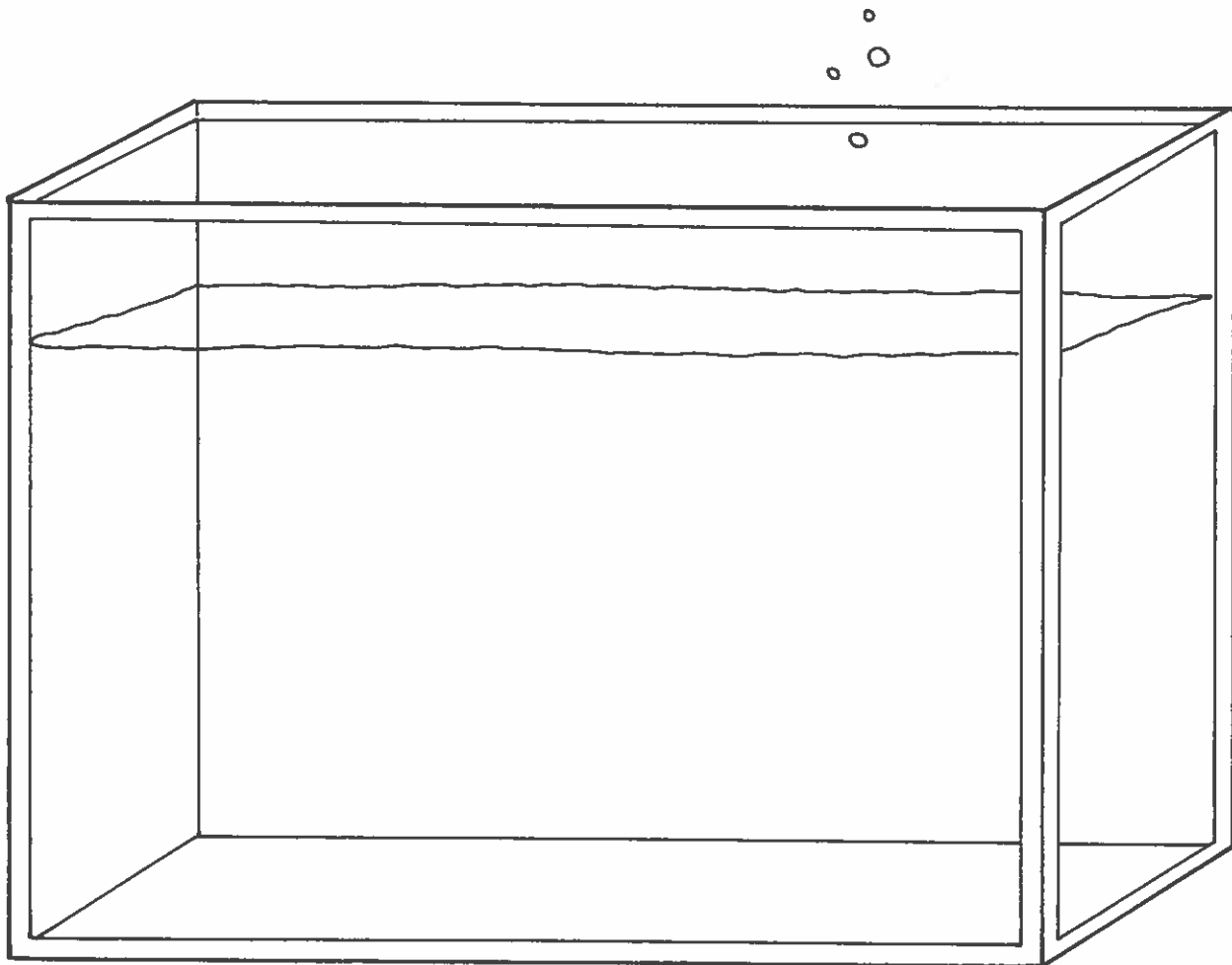
1 aquarelle	2 aqueduct	3 aqueous	4 aquamarine	5 aquatic
6 Aquarius	7 hydrophobia	8 hydraulic	9 hydrant	10 hydroponic
a made from water	b in engineering, the use of water to create power	c a constellation pictured as a man carrying water	d the growing of plants in water	e a pipe or channel that carries water
f the blue-green color of water	g a pipe where water may be drawn	h a painting done in transparent water color	i growing or living in water	j fear of water; rabies

Tanks a Lot!



The Vocabulary Aquarium is unlike any you have ever seen before!
Follow the instructions to draw in these unique features.

1. The water is aquamarine.
2. Tiny aquatic animals gather in one corner.
3. A fish in sick bay suffers from hydrophobia.
4. An octopus makes aquarelles for tourists to take home.
5. The aquarium is supplied by an aqueduct powered by a hydraulic pump.
6. Two fish are busily engaged in hydroponics.
7. State law requires a hydrant on the premises.
8. Aquarius shines in the sky over the aquarium.
9. There is a booth selling aqueous refreshments next door.





The Clock Is . . . Dripping

How did people keep track of time in the days before analog clocks and watches? Fill in the blanks below with water vocabulary to find out.

"Endless arguments about the new (1) _____ system powering the (2) _____ that brings water into Athens.... Complaints about (3) _____ canines loose in the streets... Motions to raise money for new (4) _____ for the art museum..."

It was the year 435 B.C., and the great thinker Plato looked disgusted as he sat muttering to himself.

"Words pour from our politicians' mouths like water from a (5) _____! I spend all my time here in the Senate instead of doing important things such as (6) _____ gardening. There must be some way to set a time limit for each speaker."

The philosopher stared up at (7) _____ high in the night sky. His (8) _____ eyes suddenly lit up with inspiration.

"Eureka! I think I've come up with an (9) _____ solution to the problem! I'll invent an (10) _____ clock! I will make a hole in a large glass jar which has a series of marks on its side. Then I will fill the jar with water. Each senator may speak until the water level drops from one mark to the next. Then he must sit down."

"Lily pads, here I come!"

11. What was Plato's hobby? _____

12. What were some of the problems plaguing Athens? _____

13. Describe the Athenian senators. _____

14. How did Plato get his good idea? _____

Although the monologue above is imaginary, Plato is credited with inventing the first water clock, also known as a *clepsydra*. Use an encyclopedia to research further developments made on this early timepiece.