


How Much Do You Really Know About Emergency Water?

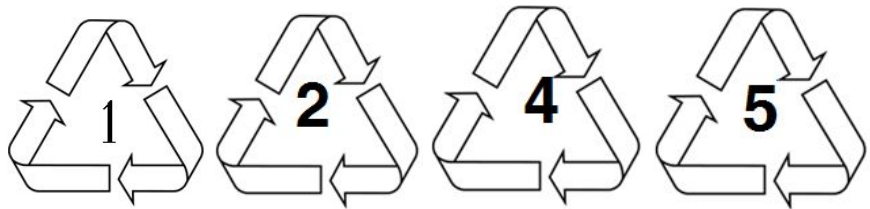
1) **Water can go bad.** (Circle the best answer)

- a) Water should be dumped out after six months and replaced with fresh.
- b) Water does not go bad.
- c) Water is only safe from the faucet or purchased from a store.
- d) Water has a shelf life.

2) **It's fine to store water in any type of plastic container I have at home.** (Circle the best answer)

- a) Rinsed-out Milk jugs are the best because they are food-grade.
- b) Soda Bottles and Powerade/Gatorade bottles cannot be used for long-term water storage.
- c) Store water in Non-BPA  polyethylene-based plastics, or plastics #1, #2, #4 and #5

IS YOUR PLASTIC SAFE?	
SAFE	AVOID
	
	
LOOK FOR THE 1, 2, 4 & 5 RECYCLE SYMBOLS	AVOID THE 3, 6 & 7 RECYCLE SYMBOLS



- d) [Nalgene bottles](#) are made from compressed algae, hence the name.

3) **If I have a water barrel...** (Circle the best answer)

- a) I need other containers to store and transport water.
- b) I'm set for every emergency I'll encounter.
- c) There's plenty of water for the four of us and our pets for two weeks.
- d) I'll just roll it to where it's needed.

4) **Storage Barrels are blue because...** (Circle the best answer)

- a) Blue means water.
- b) Color has nothing to do with light exposure and biological growth (bacteria and algae).
- c) Signifies that what is stored in the container is safe for human consumption. (New water barrels only.)
- d) It's pretty.

5) **A gallon of water, per person, per day...** (Circle the best answer)

- a) Is all you need for adults.
- b) Is the minimum for staying hydrated.
- c) Should take care of all your water needs.
- d) Sodas, coffee, tea, beer, wine, energy drinks, sport drinks, spirits are reasonable substitutes.

6) **If I have household bleach (sodium hypochlorite)...** (Circle the best answer)

- a) I don't need a filter.
- b) I don't need a water purifier.
- c) It will neutralize other chemicals.
- d) It is not as effective as **Chlorine Dioxide (Aqua Tabs)** as a disinfectant that will kill 99.9% of all microorganisms in most circumstances against waterborne pathogenic agents such as [viruses](#), [bacteria](#) and [protozoa](#) – including the [cysts](#) of [Giardia](#) and the [oocysts](#) of [Cryptosporidium](#).

7) **To save space, I can stack my water barrels on top of each other.** (Circle the best answer)

- a) Most water barrels are built to stack end-on-end on each other.
- b) Store your barrel directly on cement or on the floor in your garage for safety.
- c) Stack barrels in a pyramid, using chocks and wedges.
- d) Plastics can absorb flavors and odors from gasoline, liquids spilled on the floor, and chemicals used to create the concrete.

8) Water Purifying Filters... (Circle the best answer)

- a) Make sea water safe to drink.
- b) All use reverse-osmosis to remove pollutants.
- c) To be classified as a water purifier, must remove at least 99.9999% of pathogenic bacteria and reduce viruses by 99.99%.
- d) Need 115v 60cycle power.

9) Boiling water may be the cheapest and safest method of water purification. (Circle the best answer)

- a) You can drink directly from a fast moving stream without boiling.
- b) Removes all health hazards.
- c) Eliminates organic and cellular substances and turbidity.
- d) In this method, clean water should be brought to boil and left at rolling-boil for 1-3 minutes.

10) Rinsing should be used to prepare water containers. (Circle the best answer)

- a) Clean, used food containers are safe.
- b) Containers and lids must be sanitized in disinfecting solution.
- c) Running containers through the dishwasher is sufficient.
- d) Hand washing with soap and a sponge will kill bacteria.

11) I'll be fine; I have a pool or a spa. (Circle the best answer)

- a) Boiling will remove all harmful contaminants.
- b) My dogs are safe drinking the water.
- c) Purification removes 99.99% of organics, microorganisms, chlorine, metals and other chemicals.
- d) Enough chlorine will protect from anything.

12) Drinking water 1st for hydration, _____ is the next priority for water. (Circle the best answer)

- a) Making coffee.
- b) Personal hygiene.
- c) Washing clothes.
- d) Flushing toilets.

Water Purification, Sanitization Solutions

Agent	Concentration	Clean Water	Turbid Water	Sanitizing	PPM
Iodine Tincture	2%	5 drops/qt	10 drops/qt	2 tsp / qt.	12.5
Betadine	10%	4 drops/qt	8 drops/qt	1 tsp / gal.	12.5
Bleach NaClO	5.25-6% (Halazone)	2-4 drops/qt (6 tablets /qt)	4-8 drops/qt	1 tbl / gal. clean water	200
Chlorine Dioxide	8.5mg (AquaTab)	8.5mg/2 qt.	8.5mg/ .8 qt.	334mg/gal. clean	200

Best Answers: 1:b, 2:c, 3:a, 4:c, 5:b, 6:d, 7:d, 8:c, 9:d, 10:b, 11:c, 12:b