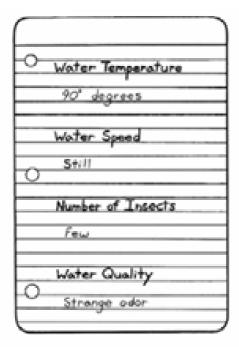
1) Why is it important to clean, conserve, and protect water?
O Water is expensive.
O Water is a living thing.
O Water can be frozen.
O Water is a limited resource.
Correct Answer
Water is a limited resource.
2) A scientist is studying the effects of burning fossil fuels. One effect is acid rain. She is creating a plan to prevent further acid rain damage to the ecosystem. What should the scientist include in her plan? Select all that apply.
Ask people to drive more instead of walking or biking.
☐ Develop vehicles that burn more gasoline per mile driven.
☐ Reduce the amount of public transportation available in the city.
☐ Develop vehicles that use renewable energy instead of fossil fuels.
☐ Encourage people to carpool instead of driving individual vehicles.
Correct Answer
Develop vehicles that use renewable energy instead of fossil fuels.
Encourage people to carpool instead of driving individual vehicles.

<b>3)</b> Which of the following is <u>not</u> one of the "three Rs" of cor	servation?
O recycle	
O reduce	
O refilter	
O reuse	
Correct Answer	
refilter	
<b>4)</b> Fill in the blanks using the available answer choices.	
Most gases that lead to acid rain come from	
	(Blank 1)
Blank 1 options	
natural sources	
burning fossil fuels	
Correct Answer	
burning fossil fuels	

E) Which will most likely homen if lake water he comes nelly to day, hymens?
<b>5)</b> Which will <u>most likely</u> happen if lake water becomes polluted by humans?
O Animals in the lake will die.
There will be more fish in the lake.
The pollution will not hurt the plants or animals in the water.
It will change the soil around the lake into pebbles.
Correct Answer
Animals in the lake will die.
6) It has been very dry in Miguel's city for the past several months. The local government has placed the city under a drought warning, which means people in the city should try to conserve as much water as possible.  What can Miguel do to help conserve water? Select all that apply.
filter water before drinking it
☐ take short showers instead of baths
☐ brush his teeth at the same time each day
turn off the water when he brushes his teeth
wash his hands using hot water instead of cold water
Correct Answer
take short showers instead of baths
turn off the water when he brushes his teeth

Lesson Check: Human Impact on Water Resources

**7)** Victoria went to a stream near her home and recorded these observations. What can you conclude from her observations?



- O It is clean.
- It is suitable to drink.
- It is polluted.
- O It has lots of fish.

### **Correct Answer**

It is polluted.

8) Give an example of how the hydrosphere is connected to the biosphere and what you can do to help conserve the hydrosphere.
Correct Answer
Answers may vary.
Explanation
Sample answer: The biosphere is made up of all living things. Living things need water to survive and grow which they can get from the hydrosphere. A way to help conserve the hydrosphere is to make a water friendly front yard that has less plants that need a lot of water and less grass.

9) Which of the following is one way humans pollute the hydrosphere?    fishing     farming and causing soil runoff     going on a paddle boat     cleaning up an oil spill      Correct Answer     farming and causing soil runoff      10) Camila notices that people throw trash on the ground around the pond by her house. The ducks and fish that live in the pond can be harmed by this trash. Camila wants to come up with a plan to clean up the pond and keep it clean. Which of these should be part of Camila's plan? Select all that apply.    Put up signs that ask people not to litter.     Move the ducks and fish to a new pond.     Ask more people to come fish in the pond.     Use nets to get the existing trash out of the water.     Put trash cans around the pond for people to use.
<ul> <li>☐ farming and causing soil runoff</li> <li>☐ going on a paddle boat</li> <li>☐ cleaning up an oil spill</li> <li>Correct Answer</li> <li>farming and causing soil runoff</li> <li>10) Camila notices that people throw trash on the ground around the pond by her house.         <ul> <li>The ducks and fish that live in the pond can be harmed by this trash. Camila wants to come up with a plan to clean up the pond and keep it clean.</li></ul></li></ul>
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