



Name _____ Class _____ Date _____

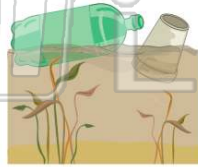
1 In most situations, usable, safe water can be replenished in a reasonable period of time. A **natural resource** that can be **replenished** is called a(n) _____.

- A renewable resource
- B nonrenewable resource
- C aquifer
- D point-source resource



3 Raw sewage is the liquid and solid waste that is washed down drains or flushed away by toilets. **Sludge**, which is related to raw sewage, is _____.

- A another name for raw sewage
- B the solid waste that sticks to the inside of pipes



2 For decades trash, garbage, and sludge has been **dumped** into the **ocean**. The ocean was **believed** to be a **good dumping place** for waste because it was assumed _____.

- A the ocean would break it up for animals to eat
- B ocean currents would send it to other countries
- C it would sink to the bottom and stay there
- D it would all dissolve never to be seen again



4 In 1989, an oil tanker named *Exxon Valdez* hit a reef and **split open**, spilling 260,000 gallons of oil. This **oil spill** killed thousands of animals, cost over \$2.5 billion to clean up, and devastated the local fishing industry. What **technological improvement** now used was designed to eliminate this kind of catastrophe?

- A flat-bottom boat design



5



PREVIEW

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7

depletion (reduction) of dissolved **oxygen** in the ocean water. True or false?

- A true
- B false



in regards to water usage?

- A showers
- B clothes washers
- C leaks
- D toilets



9

Assume that John and Jane Smith drive **20,000 miles each year** in cars that average **25 miles per gallon**. They will use 800 gallons of gas. When they buy **new vehicles**, they purchase cars that get **30 miles per gallon**. How many gallons of gasoline will they **save** in the course of **10 years**?

- A this will actually use more gas
- B 800 gallons
- C 1,330 gallons
- D 4,000 gallons



10

What **alternative to gasoline** is being explored and implemented more **regularly** in the United States (and is already used regularly in other parts of the world, such as Brazil)?

- A solar powered vehicles
- B biofuels such as ethanol mixed with gasoline
- C electric cars
- D hybrid cars; the combination of gasoline engines and electric current





ANSWER KEY

In most situations, usable, safe water can be replenished in a reasonable period of time. A **natural resource** that can be **replenished** is called a(n) _____.

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(a)

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(c)

Raw sewage is the liquid and solid waste that is washed down drains or flushed away by toilets. **Sludge**, which is related to raw sewage, is _____.

- A** another name for raw sewage
- B** the solid waste that sticks to the inside of pipes
- C** a thicker form of raw sewage
- D** the solid material produced by treating



(d)

In 1989, an oil tanker named *Exxon Valdez* hit a reef and **split open**, spilling 260,000 gallons of oil. This **oil spill** killed thousands of animals, cost over \$2.5 billion to clean up, and devastated the local fishing industry. **What technological improvement now used was designed to eliminate this kind of catastrophe?**

- A** flat-bottom boat design
- B** double-hull design
- C** satellite guidance systems



(b)



PREVIEW

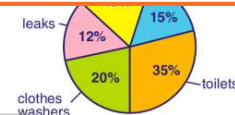
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dissolved **oxygen** in the ocean water. **True or false?**

- A** true
- B** false



- A** showers
- B** clothes washers
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- D** toilets



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(b)