

Grade 4 Language
Water

Student Name: _____

Class: _____

Date: _____

Instructions: **Read each question carefully. Circle the answer that most closely represents the underlined word in each sentence.**

1. An aquifer is a geological formation containing ground water.

 A. connection
 B. assembly
 C. creation
 D. business

2. Condensation is the water that accumulates on a cold surface.

 A. melts
 B. circles
 C. combines
 D. collects

3. Humidity is a measure of the amount of moisture in the air.

 A. calculation
 B. guess
 C. build
 D. drive

4. Hydropower refers to the electricity generated from machines run by moving water.

 A. formed
 B. lost
 C. viewed
 D. determined

5. Water is transparent and odorless.
- A. hazy
 - B. clear
 - C. multi-colored
 - D. bulky
6. Farmers rely on water for plants to grow and animals to drink.
- A. read
 - B. agree
 - C. depend
 - D. multiply
7. A dam operator manages dams near bridges, locks, and lighthouses.
- A. argues
 - B. specifies
 - C. encourages
 - D. controls
8. Water is known as the “universal solvent” because more substances dissolve in water than any other liquid.
- A. melt
 - B. spread
 - C. solidify
 - D. treat

Grade 4 Writing
Water

Student Name: _____

Class: _____

Date: _____

Instructions: **Read the question carefully and write your answer below.**

Extended Response

Without water, there would be no life on Earth. We use water in many different ways without even thinking about it. Explain how you use water in your daily life. For each use of water, write some ways that you can conserve how much water you use. Use your own experiences and information from other sources.

Grade 4 Science
Water

Student Name: _____

Class: _____

Date: _____

Instructions: **Read each question carefully and circle the correct answer.**

1. The sun heats up water in rivers, lakes and oceans and turns it into what?

- A. groundwater
- B. vapor
- C. ice
- D. pollution

2. Fill in the blank.

Clouds get heavy and water falls back to the earth in the form of _____.

- A. rain
- B. snow
- C. smoke
- D. both A and B
- E. all of the above

3. Fill in the blank.

The process by which water is converted from liquid form to vapor form and transferred from water masses to the atmosphere is called _____.

- A. precipitation
- B. condensation
- C. evaporation
- D. pasteurization

4. When water is 32°F or 0°C and colder, it is in a _____ state. We call it ice.

- A. liquid
- B. gaseous
- C. smoky
- D. solid

5. Fill in the blank.

_____ refers to the production of electricity by using machines that are powered by moving water.

- A. Electro-aquafication
- B. Hydroelectricity
- C. Hypothermia
- D. Aqua-hydrologic

6. H₂O is the chemical name for water. What does the H stand for?

- A. oxygen
- B. hypothermal
- C. hydrogen
- D. helium

7. Fill in the blank.

We cannot drink ocean water because it contains _____.

- A. salt
- B. bacteria
- C. chlorine
- D. wildlife

8. Which natural factors may lead to a shortage of water?

- A. drought
- B. pollution
- C. theft
- D. both A and B

Grade 4 Social Studies
Water

Student Name: _____

Class: _____

Date: _____

Instructions: **Read each question carefully and circle the correct answer.**

1. These cover about 75% of the Earth's surface.
 - A. Mountains
 - B. Dry lands
 - C. Oceans
 - D. Deserts

2. Which river flows from Minnesota to the Gulf of Mexico?
 - A. Fox River
 - B. Mississippi River
 - C. Illinois River
 - D. Minnesota River

3. The "rainiest" states in the U.S. are Hawaii, Louisiana, Mississippi, Alabama, and Florida? Which is the furthest east?
 - A. Mississippi
 - B. Florida
 - C. Hawaii
 - D. Louisiana

4. Where is most of the freshwater on Earth found?
 - A. lakes
 - B. rivers
 - C. streams
 - D. All of the above

5. Fill in the blank.

Some farmers _____ to assist plant growth and production. This means to move water from one place to another when there is less rainfall, or periods of drought.

- A. irrigate
- B. harvest
- C. conserve
- D. produce

6. Fill in the blank.

A(n) _____ is an area in which water, sediments and dissolved minerals all drain into a common body of water like a stream, creek, reservoir, or bay.

- A. watershed
- B. basin
- C. geography
- D. environment

7. Congress passed the Public Health Service Act which authorizes surveys and studies for water pollution, particularly as it affects human health in what year?

- A. 1914
- B. 1996
- C. 1912
- D. 1977

8. Fill in the blank.

The _____, a major amendment to the Federal Water Pollution Control Act, contains comprehensive provisions for restoring and maintaining all bodies of surface water in the U.S.

- A. Federal Water Pollution Control Act
- B. Public Health Service Act
- C. Safe Drinking Water Act
- D. Clean Water Act

Grade 4 Math
Water

Student Name: _____

Class: _____

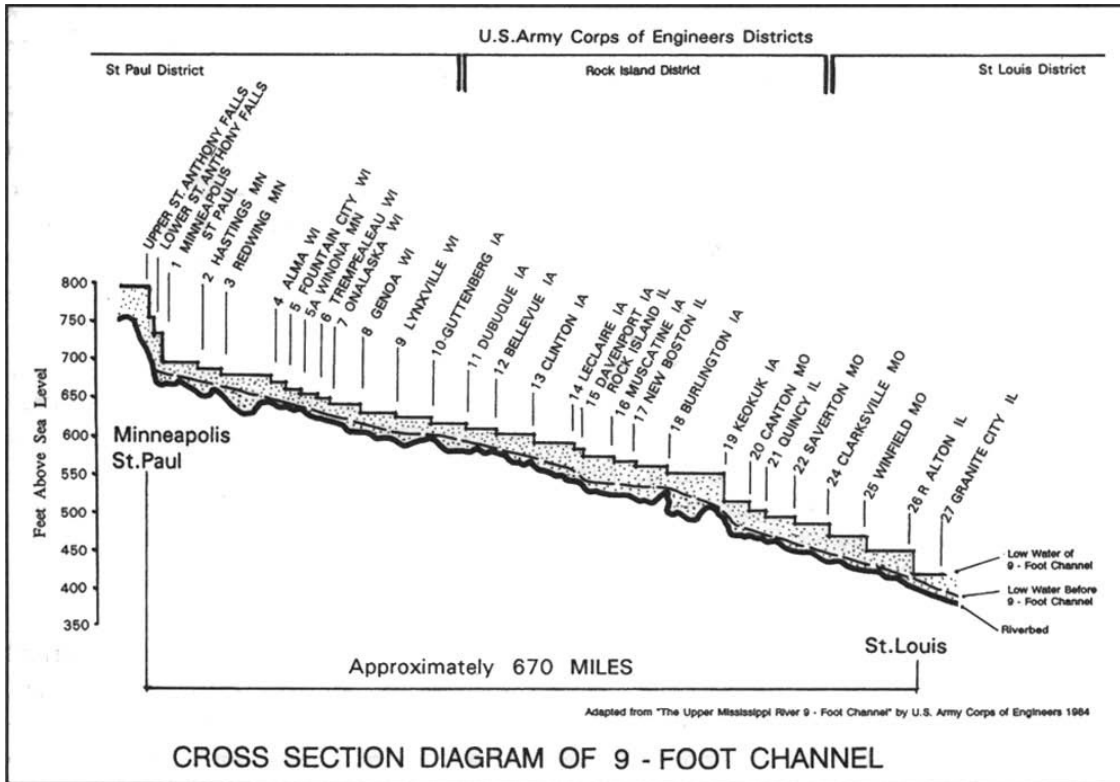
Date: _____

Instructions: **Read each question carefully and circle the correct answer.**

1. An acre of corn gives off 4,000 gallons of water per day in evaporation. How many acres of corn would you need to give off 48,000 gallons of water per day in evaporation?
 - A. 2 acres
 - B. 6 acres
 - C. 24 acres
 - D. 12 acres

2. Our bodies are 75% water. What percentage of that water makes up your bones?
 - A. 15%
 - B. 50%
 - C. 25%
 - D. 75%

3. How many years were between the filtration of London drinking water beginning and chlorine being discovered in Sweden?
 - A. 108 years
 - B. 61 years
 - C. 47 years
 - D. 100 years



4. According to the graph, which of the following cities is at least 725 feet above sea level?
- Minneapolis-St. Paul, MN
 - Hastings, MN
 - Alma, WI
 - Quincy, IL
5. Which of the following years was The Safe Drinking Water Act signed by past President of the U.S., Bill Clinton?
- 1986
 - 1996
 - 2006
 - 1896
6. A person can live about a month without food, but only about how many days without water?
- 14
 - 1
 - 7
 - 30

7. Minneapolis, Minnesota, is about 750 feet above sea level while Granite City, Illinois, is about 450 feet above sea level. What is the difference between Minneapolis and Granite City?
- A. 300 feet
 - B. 1200 feet
 - C. 350 feet
 - D. 200 feet

Answer Key:

Language

1. C. creation
2. D. collects
3. A. calculation
4. A. formed
5. B. clear
6. C. depend
7. D. controls
8. A. melt

Science

1. B. vapor
2. D. both A and B
3. C. evaporation
4. D. solid
5. B. Hydroelectricity
6. C. hydrogen
7. A. salt
8. D. Both A and B

Social Studies

1. C. Oceans
2. B. Mississippi River
3. B. Florida
4. D. All of the above
5. A. Irrigate
6. A. Watershed
7. C. 1912
8. D. The Clean Water Act

Math

1. D. 12 acres
2. B. 50%
3. A. 108 years
4. A. Minneapolis-St. Paul, MN
5. B. 1996
6. C. 7 days
7. A. 300 feet