Name	Class	Date	
Skills Worksheet			
Active Reading			

Section: Water Use and Management

Read the passage below and answer the questions that follow.

Industry accounts for 19 percent of water used in the world. Water is used to manufacture goods, to dispose of waste, and to generate power. The amount of water needed to manufacture everyday items can be astounding. For instance, nearly 1,000 L of water are needed to produce 1 kg of aluminum, and almost 500,000 L of water are needed to manufacture a car. Vast amounts of water are required to produce computer chips and semiconductors.

Most of the water that is used in industry is used to cool power plants. Power-plant cooling systems usually pump water from a surface water source such as a river or lake, carry the water through pipes in a cooling tower, and then pump the water back into the source. The water that is returned is usually warmer than the source, but it is generally clean and can be used again.

IDENTIFYING MAIN IDEAS

One reading skill is the ability to identify the main idea of a passage. The main idea is the main focus or key idea. Frequently, a main idea is accompanied by supporting information that offers detailed facts about main ideas.

In the space provided, write the letter of the term or phrase that best completes each statement or best answers each question.

1. How much water is needed to	manufacture a car?
a. 50,000 L	c. 1,000 L
b. 500,000 L	d. 100,000 L
2. The amount of water used in th	ne world for industry is
a. 500,000 L.	c. 19 percent.
b. vast amounts.	d. 1,000 L.
3. Water is used in industry mainl	y to
a. cool power plants.	c. create steam, which is then used for energy.
b. keep machinery running.	d. clean huge cooling towers.
4. Water that is returned to a rive	r from a power plant cooling tower is
a. cooler than the river and con	ntaminated.
b. warmer than the river and co	ontaminated.
c. cooler than the river but clear	an.
d warmer than the river but el	oon

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Active Reading continued		<u> </u>
Read each question and write the answe	er in the space pr	ovided.
5. For what three purposes is water us	sed in industry?	
6. Name four items that the author use	es as examples of	the goods produced by
industry.		
SEQUENCING INFORMATION		,
One reading skill is the ability to sequer or events in the order in which they occ	•	or to logically place items
Write the three steps that show how a p	ower plant's cool	ling system works.
7. First,	· .	·
8. Next,		
9. Finally,		
RECOGNIZING CAUSE AND EFFECT One reading skill is the ability to recogn	nize cause and ef	fect.
In the space provided, write the letter of each statement.		
10. Because water is used to coo		t is returned to its source
a. cleaner.b. faster.	c. hotter.d. cooler.	
11. Industry uses water to		
a. manufacture goods.	c. generat	_
b. dispose of waste.	d. All of t	he above