

Graphing Water Activity

Name _____

5th Grade PSI

Experimental Question:

Where is the water on Earth located?

How much of the water on Earth is usable?

Purpose:

In this activity, you will explore where the water on Earth is located. You will create a series of graphs to visually represent the amounts and percentages of water and fresh water to show the distribution of water on Earth.

Directions:

Circle Graph:

A circle graph, also known as a pie chart, is a chart that helps you see how much each part consists of compared to the whole amount.

Label the two pie charts below using the numbers from the data table.

Chart #1:

Type of Water	% of Total Water
Ocean	96.5%
Fresh	2.5%
Other Salt	1%

_____ = _____ %

_____ = _____ %

_____ = _____ %

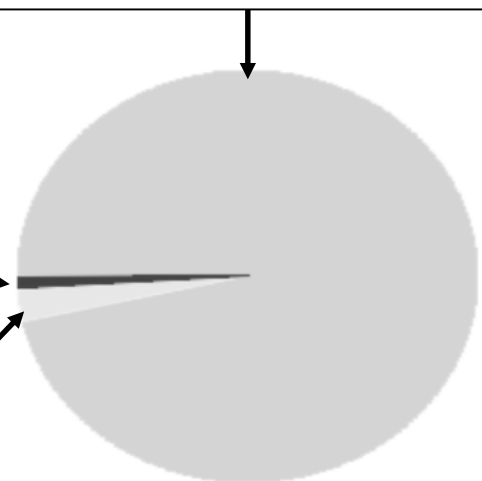


Chart #2:

Type of Fresh Water	% of Total Fresh Water
Glaciers	69%
Ground Water	30%
Surface Water	1%

_____ = _____%

_____ = _____%

_____ = _____%

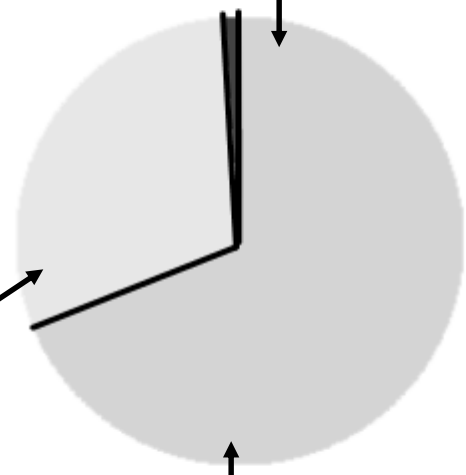


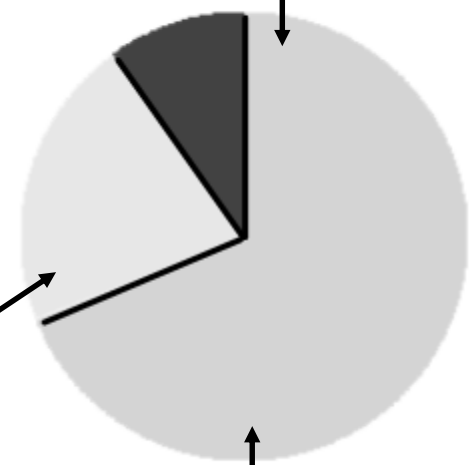
Chart #3:

Type of Surface Water	% of Total Surface Water
Ice	69%
Lakes	21%
Other	10%

_____ = _____%

_____ = _____%

_____ = _____%



Bar Graph:

A bar graph is another useful way to compare different amounts. Fill in the bar graphs on the following two pages using the information in the tables.

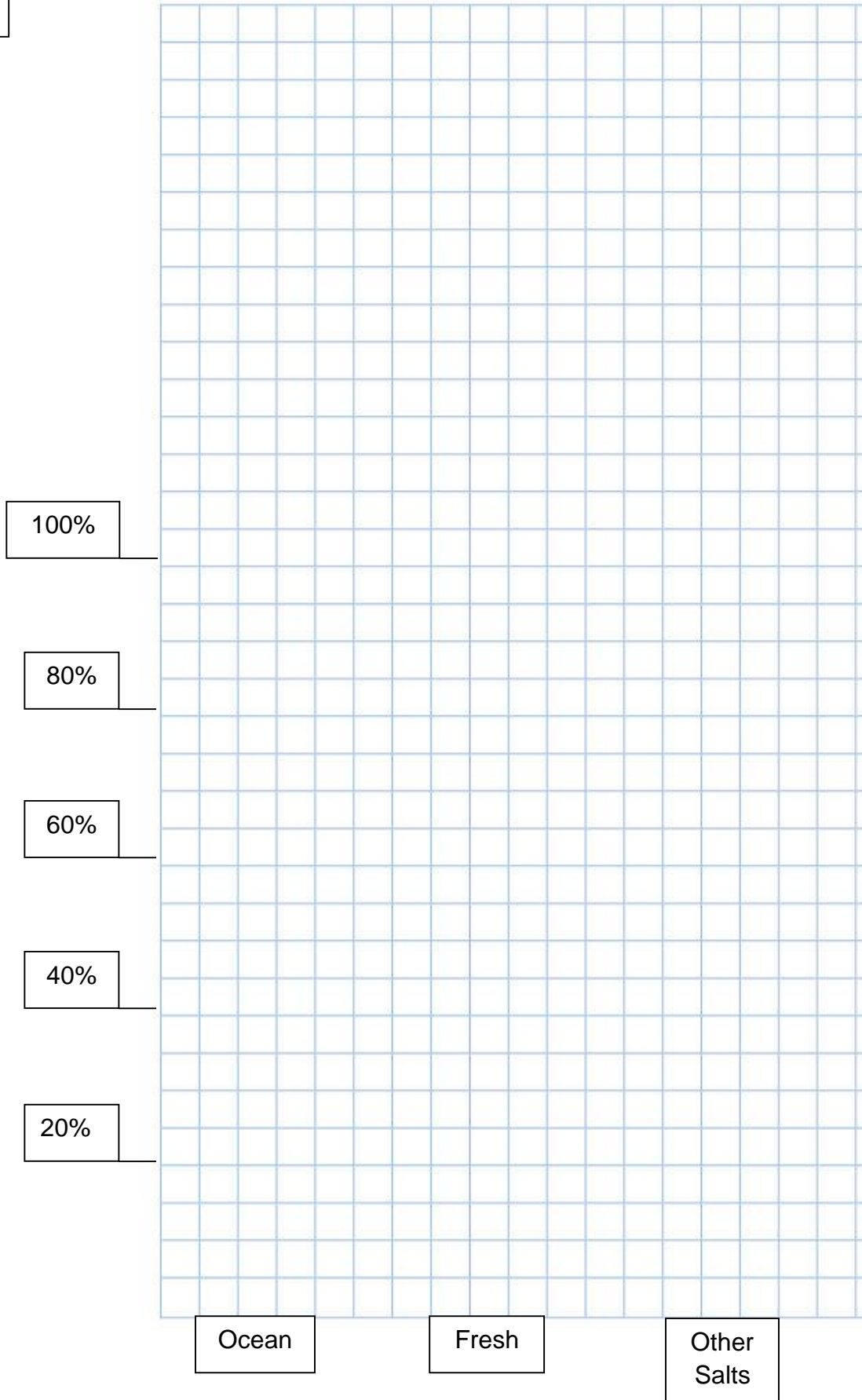
Chart #1:

Type of Water	% of Total Water
Ocean	96.5%
Fresh	2.5%
Other Salt	1%

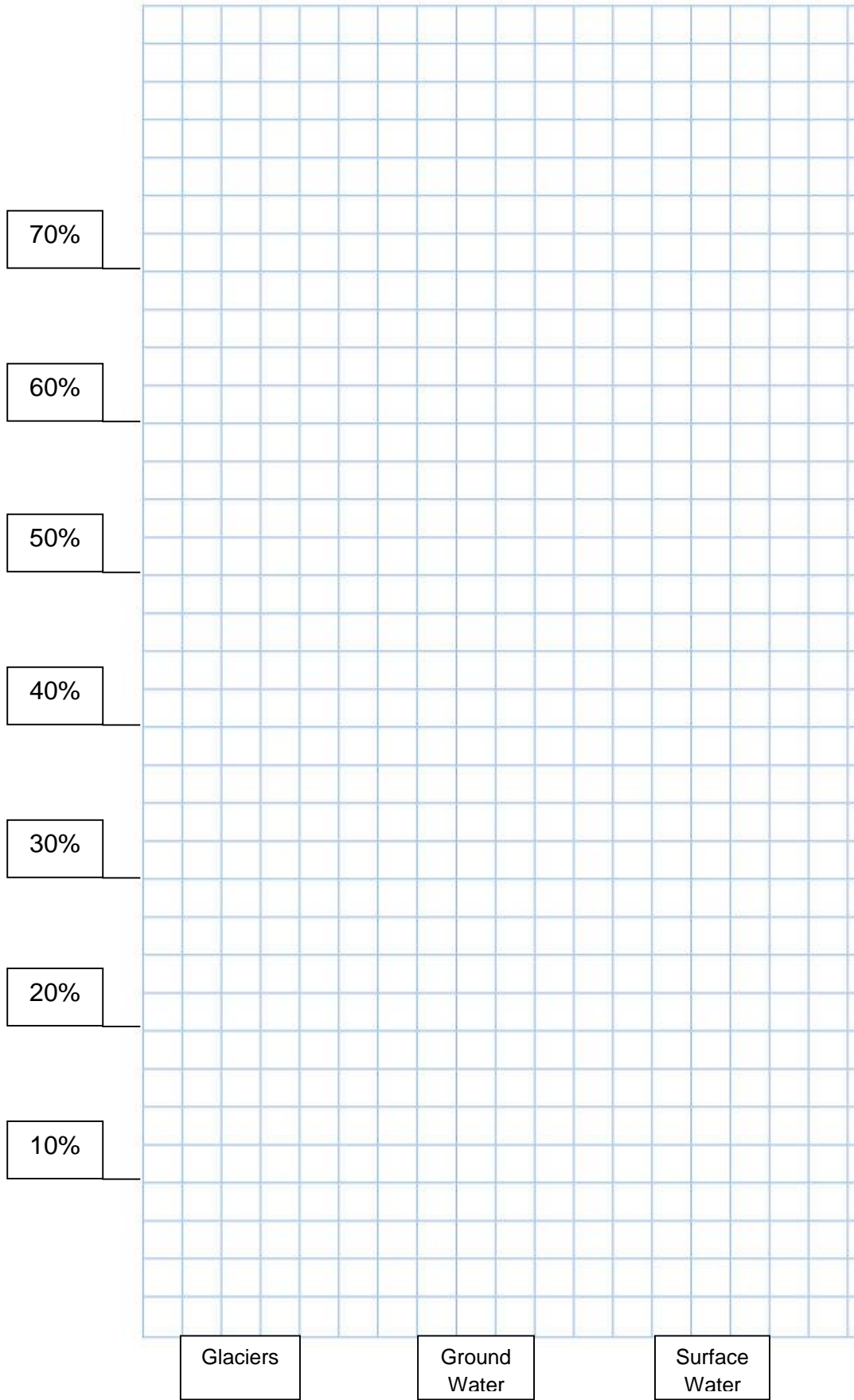
Chart #2:

Type of Fresh Water	% of Total Fresh Water
Glaciers	69%
Ground Water	30%
Surface Water	1%

Graph #1



Graph #2



Analysis Questions

1. What is the largest source of water on earth?

2. What percentage of the total amount of water on earth is useable by humans?

3. Is it possible that we could run out of water? Explain why or why not.

4. A friend says that we don't have to worry about water because the oceans are full of it. How would you respond and explain why water is referred to as a precious resource.
