Combine Information From Sources

Grade 5 Reading Worksheet - Building Confidence

Name _____ Date _____

Circle the answer.

READ THIS FIRST

Two Texts About Glaciers

Text 1: How a Glacier Forms

A glacier is a huge, slow-moving body of ice. It forms in places where more snow falls in winter than melts in summer. Year after year, new snow piles on top of old snow. The weight presses the lower layers into solid ice. Glaciers are found on every continent except Australia.

When the ice becomes thick enough, it begins to flow downhill, like very thick syrup. Most glaciers move less than a few feet a day. As they move, they scrape the ground beneath them. In winter, a glacier grows as snow piles up. In summer, its lower end melts back. Over thousands of years, glaciers have carved deep valleys and left behind huge piles of rock.

Text 2: Glaciers as Water Towers

About two-thirds of Earth's fresh water is frozen in glaciers and ice sheets. In some mountain regions, glaciers work like giant water towers. They store water as ice in winter. In summer, some of the ice melts and flows into rivers.

Millions of people in places such as South America and Asia depend on this meltwater. Farmers use it to water crops, and cities use it for drinking water. In the dry season, some cities in the Andes mountains get a large share of their water from glaciers. Today, many glaciers are shrinking because they melt faster than new snow can replace them. Scientists are measuring this change to help communities plan for the future. Some towns are building reservoirs to save extra meltwater for dry years.

1. What is Text 1 mostly about?

   why glaciers are shrinking

   how people use glacier water

   how glaciers form and move

2. What is Text 2 mostly about?

   why glacier water matters to people

   how snow turns into solid ice

   how glaciers carve valleys

3. Which detail appears only in Text 1?

Farmers use meltwater for crops.

Glaciers carve deep valleys.

Glaciers store water like towers.

4. Which detail appears only in Text 2?

Many glaciers are shrinking.

Snow presses into ice.

Glaciers flow downhill.

5. Text 1 says a glacier forms when more snow falls than melts. How does Text 2 build on this?

It explains how glaciers scrape and carve the ground below.

It says glaciers shrink when melting is faster than new snow.

It says glaciers move a few feet a day.

6. Which idea do both texts share?

Glaciers are found only in the mountains of Asia.

Glaciers move quickly downhill.

Snow and melting both affect a glacier's size.

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Answer Key - Grade 5 Reading Worksheet - Building Confidence

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