

Arctic Knowledge Pre-Assessment Survey

Name: _____

Class: _____

Fill in the Blank:

1. The Arctic is located at the _____ pole of the Earth.

True or False:

2. True or False: Penguins are a polar bear's favorite prey.
3. True or False: The Arctic is covered in ice year-round.
4. True or False: The Arctic is a desert because it receives very little rainfall.

Multiple Choice:

5. Which of the following animals is commonly found in the Arctic?
a) Walrus
b) Kangaroo
c) Elephant
d) Tiger
6. What is the name of some of the indigenous people who traditionally inhabit the Arctic regions?
a) Yupik
b) Maasai
c) Aztec
d) Aborigines
7. Which of the following best describes the climate of the Arctic?
a) Hot and humid
b) Warm and sunny
c) Cold and snowy
d) Mild and rainy
8. What is sea ice?
a) Ice formed from freshwater sources
b) Icebergs floating in the ocean
c) Frozen ocean water
d) Ice cream made from seawater

Short Answer:

9. How do glaciers differ from sea ice?

10. Why is sea ice important in the Arctic?

Bonus Question:

11. Draw a world map and locate the Arctic Circle.

12. Look at the two photos below.
What do you notice? Write two observations without judging what they mean.
(ex., I see blue skies.)

Write two differences and two similarities about what you see:

Differences	Similarities



This document was created by Wendi Pillars of Jordan-Matthews High School as part of the 2023-2024 UNC World View Global Fellows Program. For more information about the program, please visit <http://worldview.unc.edu/>.



Captions for each:

The top photo shows different types of ice, including sea ice (frozen surface water), shore-fast ice (the white jutting into the water on the right), and snow-covered hills in Svalbard. Photo by Wendi Pillars.

The bottom photo looks similar but there is a glacier (which is ice formed on top of the land, or “terrestrial ice”) on the left side of the photo. This is the type of ice that will cause sea levels to rise when it melts because it is displacing the water. Photo by Wendi Pillars, taken in Svalbard.

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