



Name _____

Date _____

Arctic Answers

1. 10-15%
2. A loss of sea ice leaves coasts more vulnerable to storm surges and erosion and alters the habitat of marine mammals such as polar bears, ring seals, and beluga whales, possibly affecting their population numbers or distribution.

Antarctic Answers

3. An ice sheet sits upon land. An ice shelf floats on the sea.
4. An ice tongue is the lower portion of an outlet glacier, ice stream, or valley glacier that extends out over the ocean forming an ice shelf.
5. an iceberg
6. 70% of the world's fresh water
7. Connecticut
8. 2-3 degrees
9. 15 feet

Global Warming Answers

10. The greenhouse effect
11. 4-8 inches
12. 1-4.5°F and 2.2-10°F
13. centuries
14. CFCs
15. the melting of the permafrost (permanently frozen soil)
16. up to 10% less energy
17. up to 40% less energy