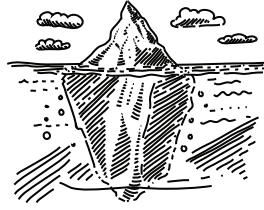


Icebergs

Name: _____

Icebergs

- An iceberg is a large piece of ice that floats in the sea. It comes from a glacier or ice shelf.
- An iceberg breaks off in a process known as calving.
- Icebergs are composed of fresh water ice.
- Only about one-ninth of an iceberg is above water.
- The largest iceberg measured 295 km by 37 km, with a surface area of 11,000 km².
- The most famous ship to hit an iceberg was the Titanic. 1,523 of its 2,228 passengers died.
- More than two-thirds of the Earth's freshwater exists as ice in the form of glaciers and ice caps.



Do you know any more facts about icebergs?

Floating Ice Experiment

Predict what you think will happen when you place an ice cube into a glass of each of the following liquids.

1. fresh water
2. salt water
3. cooking oil
4. sugar and water
5. half oil and half water



Will the ice cube float or sink?

In which liquid did the ice float the highest?

Did the ice cube sink in any of the liquids?

Write about what you observed.

Writing

1. Find the meaning of the common term "the tip of the iceberg".





Give two examples illustrating its meaning.

2. Imagine you were a passenger on the Titanic, walking on the deck at the very moment when the ship struck the iceberg.

Write a brief detailed description of what you saw, heard and felt.

Position Coordinates

The grid shows the position of several icebergs.

| | A | B | C | D | E | F | G |
|---|---|---|---|---|---|---|---|
| 1 | | | | |  | | |
| 2 | |  | | | | | |
| 3 | | | | | | | |
| 4 | | |  | | | |  |
| 5 | | | | | | | |

Is there an iceberg located at the grid position F3?

What are the coordinates of the largest iceberg?

What are the coordinates of the smallest iceberg?

