



Solids, Liquids, and Gasses

Name: _____ Date: _____

COLD FACTS

HYPOTHESIS

How does the volume of water change when it changes state from solid to liquid?

MATERIALS

- 1 Clear Glass
- 1 Ruler
- 4-6 Ice Cubes
- Water

PROCEDURE

1. Put the ice cubes in the glass and fill the glass with water until the ice cubes float.
2. Measure the height of the water: _____ (Did you remember the units of measure?)
3. Based on your hypothesis above, do you think the water level will go up or down as the ice melts?

4. Wait until all of the ice melts and then measure the height of the water: _____

CONCLUSION

What happens to the volume of water when it changes state from solid to liquid?

APPLICATION

What happens to the volume of water when it changes state from liquid to gas?



Last Update: March 31, 2000

Copyright 1996, 1977, 1998, 1999, 2000 D.M.Candelora. All rights reserved. Reproduction for educational use is encouraged as long as this copyright notice is included.