



The Changing States of Water

Study*ladder*

Pour a glass full of cold tap water. Measure the temperature with a thermometer.



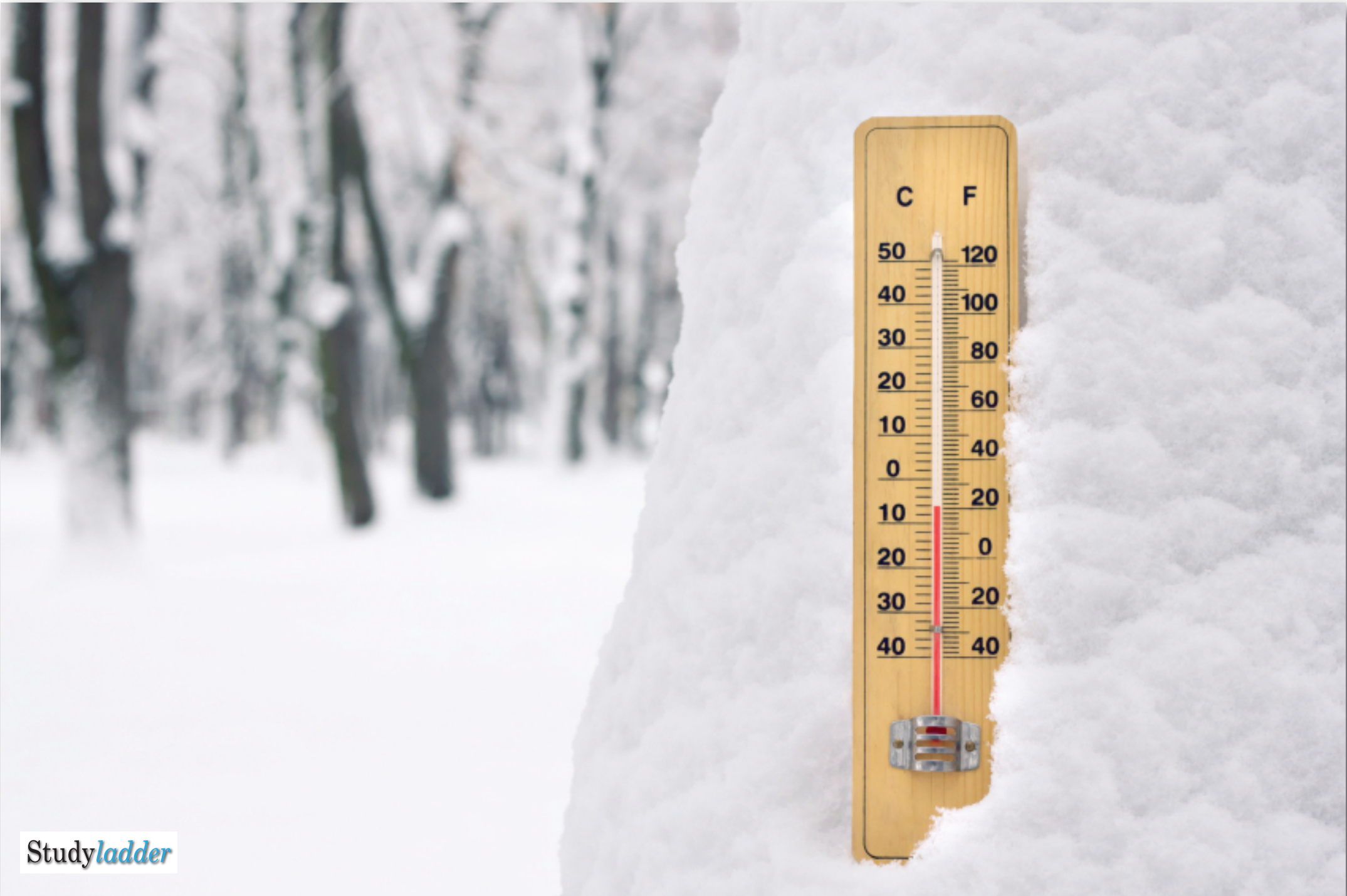
Now pour a glass full of water that has been in the fridge overnight. Measure the temperature. How are the two measurements different?



At what temperature do you think water will start to freeze?



Can the temperature of ice go below this measurement?



At what temperature do you think ice will start to melt?



What do you think happens when water is heated?



Water is still water, no matter what form it takes.

Discussion Questions:

- 1) What are the three states of water?
- 2) What is the boiling point of water?
- 3) What is the freezing point of water?
- 4) Why do we sometimes see a cloud above a boiling kettle?

