

# Making Tables

Name \_\_\_\_\_

## Key Concept and Vocabulary

In degrees Celsius,  
freezing is 0°.



Fahrenheit

$$F = \frac{9}{5}C + 32$$

Celsius

$$\text{Celsius} = 20^\circ$$

$$\begin{aligned}\text{Fahrenheit} &= \frac{9}{5} \cdot 20 + 32 \\ &= 36 + 32 \\ &= 68^\circ\end{aligned}$$

In degrees  
Fahrenheit,  
freezing is 32°.



## PRACTICE MAKES PURR-FECT™

Check your answers at [BigIdeasMath.com](http://BigIdeasMath.com).

1. **TEMPERATURE CONVERSION** Complete the table.

|               |     |     |     |     |     |     |     |
|---------------|-----|-----|-----|-----|-----|-----|-----|
| Celsius, C    | 0°  | 5°  | 10° | 15° | 20° | 25° | 30° |
| Fahrenheit, F | 32° | 41° | 50° | 59° | 68° | 77° | 86° |

Freezing

2. **BOILING WATER** Water boils at 212° Fahrenheit.  
At what temperature does water boil in Celsius?

$$212 = \frac{9}{5} \cdot 100 + 32$$

Boiling, F

Boiling, C

