Name: _____ **Date:** _____

Hot or Not Activity – Temperature Conversion Worksheet
Answer Key

Questions

1. What is the temperature at which the liquid reached the top of the straw(or the highest temperature you were able to get without the bottle overflowing)?
   _____

2. Convert the following numbers from degrees Fahrenheit to degrees Celsius.

   Example: **40° F**
   40 - 32 = 8 (must always subtract 32)
   8 ÷ 1.8 = **4.4° C**

   a. 0° F **- 17.8°C**
   b. 32° F (freezing point) **0°C**
   c. 70° F (room temperature) **21.1°C**
   d. 98.6° F (body temperature) **37°C**
   e. 100° F **37.8°C**
   f. 212° F (boiling point) **100°C**

3. Convert the following numbers from degrees Celsius to degrees Fahrenheit.

   Example: **40° C**
   40 x 1.8 = 72
   72 + 32 = **104° F** (must always add 32)

   a. 0° C (freezing point) **32°F**
   b. 32°C **89.6°F**
   c. 70° C **158°F**
   d. 98.6° C **209.5°F**
   e. 100° C (boiling point) **212°F**
   f. 212° C **413.6°F**