Student Name a Date a

Fahrenheit, Celsius, and Conversions

*Fill in the Blanks:*

1. Both the Fahrenheit and Celsius temperature scales use the same two *anchor points* (reference points): the j j and j jof water.
2. On the Fahrenheit scale, j j is the freezing point of water and j j is the boiling point of water.
3. On the Celsius scale, j j is the freezing point of water and j j is the boiling point of water.

*Complete the following conversions:*

REMEMBER:

|  |  |
| --- | --- |
| °F to °C | °C = (°F – 32) x 5/9 |
| °C to °F | °F = °C x 9/5 + 32 |

1. How much is 35 °F in °C?
2. How much is 106 °C in °F?
3. The record for the highest temperature on Earth was set in Libya, Africa in 1922, when it reached 57.8 °C. How much is this in °F?

*(Round to one decimal place)*

1. The record for the fastest temperature drop on Earth was set in Rapid City, South Dakota in 1911 when it dropped 49 °F in 15 minutes. How much is this in °C?

*(Round to one decimal place)*