Student Name a Date a

**Temperature Units and Conversions Quiz**

REMEMBER:

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

1. Based on what you’ve learned, which do you think is colder?

*(Circle your choice)*

-10 o F OR -10 o C

1. Based on what you’ve learned, which do you think is hotter?

*(Circle your choice)*

150 o F OR 150 o C

1. How much is 97 °F in °C?
2. How much is – 40 °C in °F?
3. How much is 20 °F in °C?
4. How much is 92 °C in °F?
5. The record for the lowest temperature on Earth was set in Antarctica in 1983, when it reached – 89.2 °C. How much is this in °F?

*(Round to one decimal place)*

1. The lowest possible temperature in the universe is absolute zero, where atoms and molecules stop moving. Absolute zero is – 460 °F. What is absolute zero in °C?

*(Round to one decimal place)*

1. When a person’s core body temperature falls below 82 °F they are considered to have *severe* hypothermia. What is this temperature in °C?

*(Round to one decimal place)*

1. The hottest water that human skin can tolerate for long periods of time without injury is 46.1 °C. What is this temperature in °F?

*(Round to one decimal place)*