

Name _____ Period _____ Date _____

Temperature Conversions

*Perform the following temperature conversions.
SHOW ALL OF YOUR WORK.
Round each answer to the nearest whole number.*



1. Room temperature is 21°C . What is room temperature in Kelvin?
2. A medical thermometer registers a patient's temperature to be 39°C . What is this in Fahrenheit?
3. A popsicle melts at 78°F . What is this temperature in Celsius?
4. Liquid Nitrogen (sometimes called LOX) is used in liquid-fuel rockets. Its boiling point is 90 K . What is this temperature in $^{\circ}\text{C}$?
5. The thermometer in the classroom indicates a temperature of 61°F . What is the temperature in degrees Celsius?
6. Convert the temperature from #5 to Kelvin.