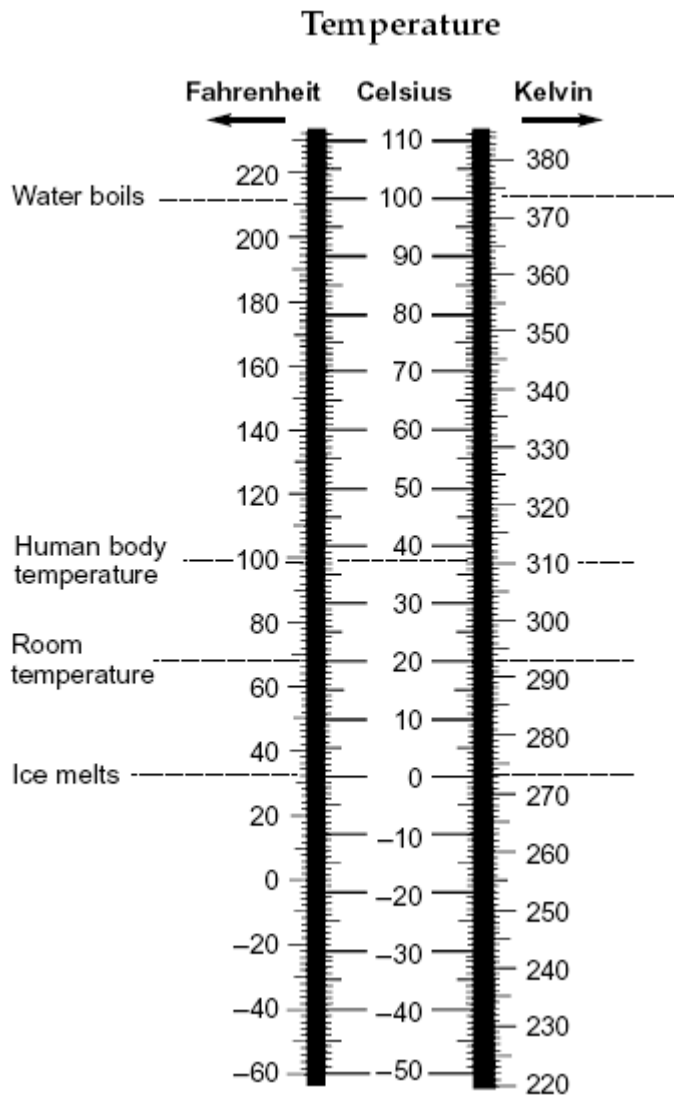


NAME: \_\_\_\_\_ DATE: \_\_\_\_\_

CLASS: \_\_\_\_\_ TEACHER: \_\_\_\_\_

**TEMPERATURE CONVERSION**  
**Earth Science Worksheet**

**Directions:** Answer all questions based on the Temperature Scale below. This is a Printable Worksheet.



1. On the Celsius Scale, between labeled temperatures, each smaller increment stands for how many degrees? \_\_\_\_\_
2. On the Fahrenheit Scale, between labeled temperatures, each smaller increment stands for how many degrees? \_\_\_\_\_
3. On the Kelvin Scale, between labeled temperatures, each smaller increment stands for how many degrees? \_\_\_\_\_

4. State the temperature, with units, at which water boils on the:  
Celsius Scale \_\_\_\_\_  
Fahrenheit Scale \_\_\_\_\_  
Kelvin Scale \_\_\_\_\_

5. Water freezes at 0°C. State this temperature, with units, on the:  
Fahrenheit Scale \_\_\_\_\_  
Kelvin Scale \_\_\_\_\_

Convert the following temperatures:

6. **140°F** = \_\_\_\_\_ °C \_\_\_\_\_ K
7. **250 K** = \_\_\_\_\_ °C \_\_\_\_\_ °F
8. **68°F** = \_\_\_\_\_ °C \_\_\_\_\_ K
9. **90°C** = \_\_\_\_\_ °F \_\_\_\_\_ K
10. **-10°C** = \_\_\_\_\_ °F \_\_\_\_\_ K
11. **330 K** = \_\_\_\_\_ °C \_\_\_\_\_ °F
12. **110°C** = \_\_\_\_\_ °F \_\_\_\_\_ K
13. **-4°F** = \_\_\_\_\_ °C \_\_\_\_\_ K
14. **128°F** = \_\_\_\_\_ °C \_\_\_\_\_ K
15. **55°C** = \_\_\_\_\_ °F \_\_\_\_\_ K

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**Temperature Scale:** © The University Of the State of New York; Board of Regents

