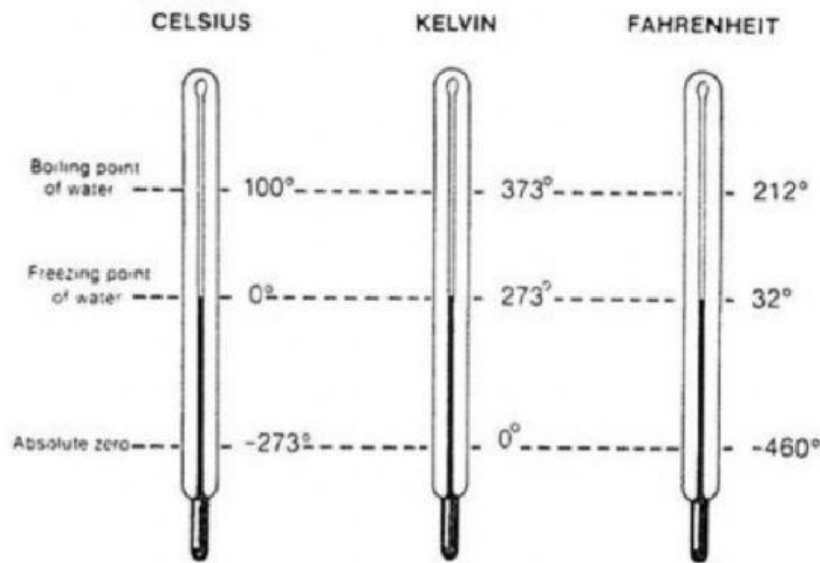


# Energy and Temperature



Directions: Use the diagram below of the three temperature scales to answer the questions.

- Fill in the chart below with the correct answers:

|                                                                        | Celsius | Kelvin |
|------------------------------------------------------------------------|---------|--------|
| Fahrenheit                                                             |         |        |
| a. Boiling point of water                                              | _____   | _____  |
| b. Freezing point of water                                             | _____   | _____  |
| c. Absolute zero                                                       | _____   | _____  |
| d. Melting point of ice                                                | _____   | _____  |
| e. Number of degrees between boiling point and freezing point of water | _____   | _____  |
- Which is larger, a Kelvin degree or a Fahrenheit degree? \_\_\_\_\_
- How many Fahrenheit degrees equal one Celsius degree? \_\_\_\_\_
- How many Kelvin degrees equal one Celsius degree? \_\_\_\_\_