Converting Temperatures to and from Celsius

Two very common ways to measure an objects' temperature are using a Fahrenheit and Celsius thermometer. If we have one of the two and we need to report the other, we use the conversion formula:

$$F = \frac{9}{5}C + 32$$

Input the temperature from the thermometer and compute the temperature in Fahrenheit degrees.
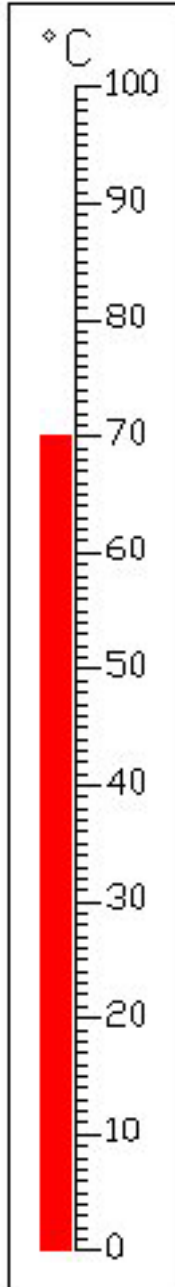
Figure 1:

_____ ° C

_____ ° F

Figure 2:

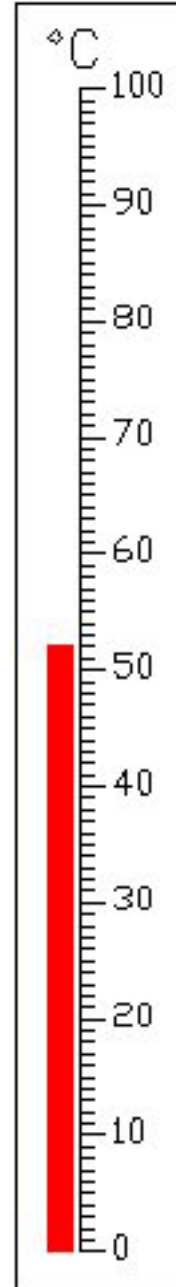_____ ° C

_____ ° F

Figure 1

Figure 2

Change the algebraic formula around and we can compute for Celsius degrees using this formula.

$$C = \frac{5}{9}(F - 32)$$

Input the temperature from the thermometer and compute the temperature in Celsius degrees.

Figure 3:

_____ ° F

_____ ° C

Figure 4:
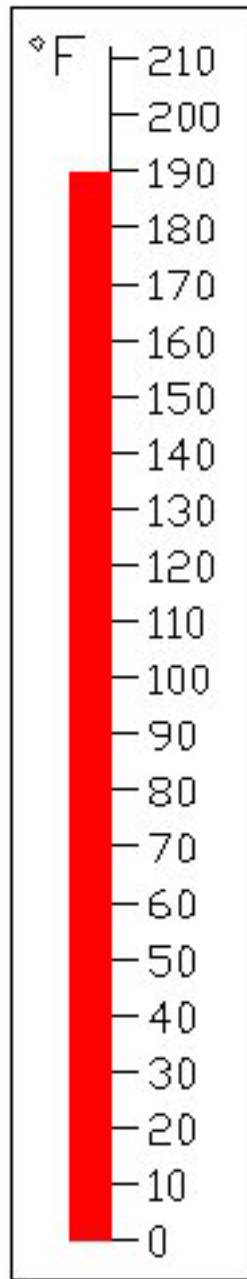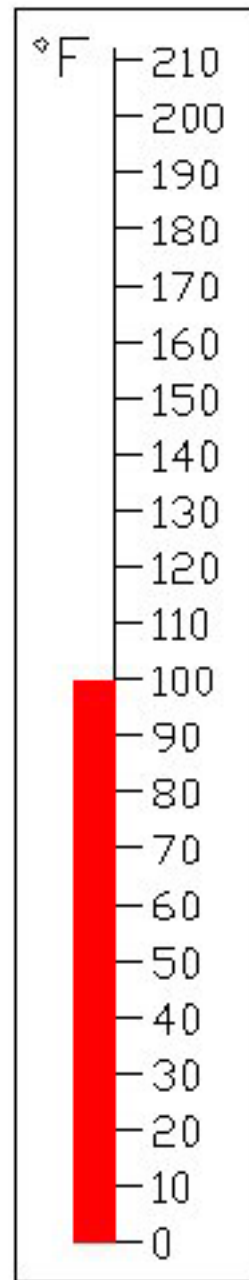
_____ ° F

_____ ° C

Figure 3

Figure 4