

## Converting from Fahrenheit to Celsius

Convert the temperatures from Fahrenheit to Celsius using the formula. Round your answers to the nearest tenth.

Example: Convert 52 °F to °C.

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

$$= \frac{5}{9} (52 - 32) = \frac{5}{9} (20) = 11.1 \text{ °C}$$

1) 40 °F = \_\_\_\_\_ °C                      2) 168 °F = \_\_\_\_\_ °C

3) -200 °F = \_\_\_\_\_ °C

5) 82 °F = \_\_\_\_\_ °C

7) -114 °F = \_\_\_\_\_ °C

9) 59 °F = \_\_\_\_\_ °C

11) 122 °F = \_\_\_\_\_ °C

13) 97 °F = \_\_\_\_\_ °C                      14) 211 °F = \_\_\_\_\_ °C

15) Tin has a melting point of 450 °F. What is the temperature in Celsius? Round your answer to the nearest tenth.

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