

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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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 = 4.4 °C 2) 168 °F = 75.6 °C

3) -200 °F = -111.1 °C 4) 33 °F = 0.6 °C

5) 82 °F = 27.8 °C 6) 149 °F = 60.0 °C

7) -114 °F = -80.0 °C 8) 316 °F = 160.0 °C

9) 59 °F = 15.0 °C 10) -276.6 °F = -165.3 °C

11) 122 °F = 50.0 °C 12) 158 °F = 70.0 °C

13) 97 °F = 36.1 °C 14) 211 °F = 99.4 °C

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

232.2 °C

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