

Converting from Fahrenheit to Celsius

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

Example: Convert 68 °F to °C.

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

$$= \frac{5}{9} (68 - 32) = \frac{5}{9} (36) = 20 \text{ °C}$$

1) 196 °F = _____ °C 2) 56 °F = _____ °C

3) -90 °F = _____ °C

5) 162 °F = _____ °C

7) -183 °F = _____ °C

9) 66 °F = _____ °C

11) 74 °F = _____ °C

13) -295 °F = _____ °C 14) 149 °F = _____ °C

15) Last Friday, the minimum temperature in Ohio was 12 °F. Convert the given temperature to Celsius.

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Example: Convert 68 °F to °C.

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

$$= \frac{5}{9} (68 - 32) = \frac{5}{9} (36) = 20 \text{ °C}$$

1) 196 °F = 91.1 °C 2) 56 °F = 13.3 °C

3) -90 °F = -66.7 °C 4) 99 °F = 41.7 °C

5) 162 °F = 72.2 °C 6) 46 °F = 7.2 °C

7) -183 °F = -125.0 °C 8) 185 °F = 96.1 °C

9) 66 °F = 19.4 °C 10) -350 °F = -205.6 °C

11) 74 °F = 23.3 °C 12) -48 °F = -62.8 °C

13) -295 °F = -181.7 °C 14) 149 °F = 65 °C

15) Last Friday, the minimum temperature in Ohio was 12 °F. Convert the given temperature to Celsius.

-11.1 °C

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