

Name

Date



## TEMPERATURE CONVERSION WORKSHEET 2

<i>Fahrenheit to Celsius</i>	<i>Celsius to Fahrenheit</i>
Step 1) Subtract 32 Step 2) Divide by 1.8	Step 1) Multiply by 1.8 Step 2) Add 32

### Examples

<p>Convert 52°F into Celsius.</p> <p><i>Step 1) Subtract 32.</i></p> <p><math>52 - 32 = 20</math></p> <p><i>Step 2) Divide by 1.8</i></p> <p><math>20 \div 1.8 = 11.111</math></p> <p><i>Answer: 52°F = 11.1°C to 1dp.</i></p>	<p>Convert 100°C into Fahrenheit.</p> <p><i>Step 1) Multiply by 1.8</i></p> <p><math>100 \times 1.8 = 180</math></p> <p><i>Step 2) Add 32.</i></p> <p><math>180 + 32 = 212</math></p> <p><i>Answer: 100°C = 212°F</i></p>
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	Convert to Celsius (give your answers to 1dp)	Convert to Fahrenheit (give your answers to 1dp)
1)	62°F = _____ °C	26°C = _____ °F
2)	95°F = _____ °C	9°C = _____ °F
3)	46°F = _____ °C	33°C = _____ °F
4)	140°F = _____ °C	18°C = _____ °F
5)	83°F = _____ °C	0°C = _____ °F
6)	18°F = _____ °C	38°C = _____ °F
7)	114°F = _____ °C	-3°C = _____ °F
8)	250°F = _____ °C	180°C = _____ °F
9)	25°F = _____ °C	-11°C = _____ °F
10)	212°F = _____ °C	212°C = _____ °F

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# TEMPERATURE CONVERSION WORKSHEET 2 ANSWERS

	Convert to Celsius (give your answers to 1dp)	Convert to Fahrenheit (give your answers to 1dp)
1)	$62^{\circ}\text{F} = \underline{16.7}^{\circ}\text{C}$	$26^{\circ}\text{C} = \underline{78.8}^{\circ}\text{F}$
2)	$95^{\circ}\text{F} = \underline{35}^{\circ}\text{C}$	$9^{\circ}\text{C} = \underline{48.2}^{\circ}\text{F}$
3)	$46^{\circ}\text{F} = \underline{7.8}^{\circ}\text{C}$	$33^{\circ}\text{C} = \underline{91.4}^{\circ}\text{F}$
4)	$140^{\circ}\text{F} = \underline{60}^{\circ}\text{C}$	$18^{\circ}\text{C} = \underline{64.4}^{\circ}\text{F}$
5)	$83^{\circ}\text{F} = \underline{28.3}^{\circ}\text{C}$	$0^{\circ}\text{C} = \underline{32}^{\circ}\text{F}$
6)	$18^{\circ}\text{F} = \underline{-7.8}^{\circ}\text{C}$	$38^{\circ}\text{C} = \underline{100.4}^{\circ}\text{F}$
7)	$114^{\circ}\text{F} = \underline{45.6}^{\circ}\text{C}$	$-3^{\circ}\text{C} = \underline{26.6}^{\circ}\text{F}$
8)	$250^{\circ}\text{F} = \underline{121.1}^{\circ}\text{C}$	$180^{\circ}\text{C} = \underline{356}^{\circ}\text{F}$
9)	$25^{\circ}\text{F} = \underline{-3.9}^{\circ}\text{C}$	$-11^{\circ}\text{C} = \underline{12.2}^{\circ}\text{F}$
10)	$212^{\circ}\text{F} = \underline{100}^{\circ}\text{C}$	$212^{\circ}\text{C} = \underline{413.6}^{\circ}\text{F}$