

Name

Date



TEMPERATURE CONVERSION WORKSHEET 1

<i>Fahrenheit to Celsius</i>	<i>Celsius to Fahrenheit</i>
Step 1) Subtract 32 Step 2) Multiply by 5 Step 3) Divide by 9	Step 1) Multiply by 9 Step 2) Divide by 5 Step 3) Add 32

Examples

<p>Convert 40°F into Celsius.</p> <p><i>Step 1) Subtract 32.</i> $40 - 32 = 8$</p> <p><i>Step 2) Multiply by 5.</i> $8 \times 5 = 40$</p> <p><i>Step 3) Divide by 9.</i> $40 \div 9 = 4 \frac{4}{9}$ or 4.444</p> <p><i>Answer: 40°F = 4.4°C to 1dp.</i></p>	<p>Convert 12°C into Fahrenheit.</p> <p><i>Step 1) Multiply by 9.</i> $12 \times 9 = 108$</p> <p><i>Step 2) Divide by 5.</i> $108 \div 5 = 21.6$</p> <p><i>Step 3) Add 32.</i> $21.6 + 32 = 53.6$</p> <p><i>Answer: 12°C = 53.6°F</i></p>
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	Convert to Celsius (give your answers to 1dp)	Convert to Fahrenheit (give your answers to 1dp)
1)	67°F	20°C
2)	82°F	14°C
3)	55°F	36°C
4)	23°F	-2°C
5)	32°F	0°C

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TEMPERATURE CONVERSION WORKSHEET 1 ANSWERS

	Convert to Celsius (give your answers to 1dp)	Convert to Fahrenheit (give your answers to 1dp)
1)	$67^{\circ}\text{F} = 19.4^{\circ}\text{C}$	$20^{\circ}\text{C} = 68^{\circ}\text{F}$
2)	$82^{\circ}\text{F} = 27.8^{\circ}\text{C}$	$14^{\circ}\text{C} = 57.2^{\circ}\text{F}$
3)	$55^{\circ}\text{F} = 12.8^{\circ}\text{C}$	$36^{\circ}\text{C} = 96.8^{\circ}\text{F}$
4)	$23^{\circ}\text{F} = -5^{\circ}\text{C}$	$-2^{\circ}\text{C} = 28.4^{\circ}\text{F}$
5)	$32^{\circ}\text{F} = 0^{\circ}\text{C}$	$0^{\circ}\text{C} = 32^{\circ}\text{F}$