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## Conversion Factors

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<tr>
<th>Multiply</th>
<th>By</th>
<th>To obtain</th>
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<tbody>
<tr>
<td><strong>Length</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>inch (in.)</td>
<td>2.54x10¹</td>
<td>millimeter (mm)</td>
</tr>
<tr>
<td></td>
<td>2.54x10⁻²</td>
<td>meter (m)</td>
</tr>
<tr>
<td>foot (ft)</td>
<td>3.048x10⁻¹</td>
<td>meter (m)</td>
</tr>
<tr>
<td>mile (mi)</td>
<td>1.609x10⁰</td>
<td>kilometer (km)</td>
</tr>
<tr>
<td><strong>Area</strong></td>
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<td></td>
</tr>
<tr>
<td>acre</td>
<td>4.047x10³</td>
<td>square meter (m²)</td>
</tr>
<tr>
<td></td>
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<tr>
<td></td>
<td>4.047x10⁻³</td>
<td>square kilometer (km²)</td>
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<tr>
<td>square mile (mi²)</td>
<td>2.590x10⁰</td>
<td>square kilometer (km²)</td>
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<tr>
<td><strong>Volume</strong></td>
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<td>3.785x10⁰</td>
<td>liter (L)</td>
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<td>3.785x10⁻³</td>
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<td>3.785x10⁰</td>
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<td>cubic foot (ft³)</td>
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<td>liter per second (L/s)</td>
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<td>gallon per minute (gal/min)</td>
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<tr>
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<tr>
<td>ton (short)</td>
<td>9.072x10⁻¹</td>
<td>megagram (Mg) or metric ton</td>
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Temperature in degrees Celsius (°C) may be converted to degrees Fahrenheit (°F) as follows:

°F = (1.8 x °C) + 32