

Conversion Units – Inside Back cover of textbook

<p>LENGTH <i>SI Unit: Meter (m)</i></p> <hr/> <p>1 meter = 1.0936 yards 1 centimeter = 0.39370 inch 1 inch = 2.54 centimeters (exactly) 1 kilometer = 0.62137 mile 1 mile = 5280. feet = 1.6093 kilometers</p>	<p>MASS <i>SI Unit: Kilogram (kg)</i></p> <hr/> <p>1 kilogram = 1000 grams = 2.2046 pounds 1 pound = 453.59 grams = 0.45359 kilogram = 16 ounces 1 atomic mass unit = 1.66057×10^{-27} kilograms</p>
<p>VOLUME <i>SI Unit: Cubic Meter (m³)</i></p> <hr/> <p>1 liter = 10^{-3} m³ = 1 dm³ = 1.0567 quarts 1 gallon = 4 quarts = 8 pints = 3.7854 liters 1 quart = 32 fluid ounces = 0.94635 liter</p>	
<p>PRESSURE <i>SI Unit: Pascal (Pa)</i></p> <hr/> <p>1 atmosphere = 101.325 kilopascals = 760. torr (mm Hg) = 14.70 pounds per square inch</p>	<p>ENERGY <i>SI Unit: Joule (J)</i></p> <hr/> <p>1 joule = 0.23901 calorie 1 calorie = 4.184 joules</p>