

Conversion Factors

A Computer Database

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MENUS

- **GEOMETRIC QUANTITIES**

- Plane Angle
- Solid Angle

- **MATERIAL QUANTITIES**

- Quantity of Substance [Number]
- Length
- Area
- Volume
- Mass (including Weight, on Earth)
- Density

- **MECHANICAL QUANTITIES**

- Time
- Frequency
- Velocity
- Angular Velocity
- Acceleration
- Angular Acceleration
- Force or Weight (See also Mass, above)
- Pressure
- Energy, Work, or Heat
- Power
- Surface Tension
- Absolute Viscosity, or Dynamic Viscosity
- Kinematic Viscosity, or Diffusion Coefficient

- **ELECTRO-MAGNETIC QUANTITIES**

- Electric Charge
- Electric Current, or Magnetomotive Force
- Electric Potential Difference, or Electromotive Force
- Electric Field Strength
- Electric Resistance
- Electric Conductance
- Electric Capacitance
- Electric Inductance
- Magnetic Field Strength
- Magnetic Flux
- Magnetic Flux Density, or Magnetic Induction

- **LIGHTING QUANTITIES**

- Luminous Intensity
- Luminance
- Luminous Flux
- Light Intensity, or Illumination

- **THERMAL QUANTITIES**

- Temperature
- Latent Heat
- Heat Capacity
- Thermal Conductivity
- Entropy

- METRIC PREFIXES
- MATH NOTES