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## RODNEY MIKAYLA

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This list gives you some of the most common conversion factors you need in thermodynamics.

Acceleration: 1 m/s<sup>2</sup> = 100 cm/s<sup>2</sup>. Area: 1 m<sup>2</sup> = 10<sup>4</sup> cm<sup>2</sup> = 10<sup>6</sup> mm<sup>2</sup>. Density: 1 g/cm<sup>3</sup> = 1 kg/L = 1,000 kg/m<sup>3</sup>. Energy, heat, work, internal energy, enthalpy: 1 kJ = 1,000 J = 1,000 N·m = 1 kPa·m<sup>3</sup>. 1 kJ/kg = 1,000 m<sup>2</sup>/s<sup>2</sup>.

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