

## Numerical Data

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1 cubic foot of water at 4 °C (weight)	62.43 lb
1 foot of water at 4 °C (pressure)	0.4335 lb/in. <sup>3</sup>
Velocity of light in vacuum, c	186,280 mi/s = 2.998 x 10 <sup>10</sup> cm/s
Velocity of sound in dry air at 20 °C, 76 cm Hg	1127 ft/s
Degree of longitude at equator	69.173 miles
Acceleration due to gravity at sea-level, 40´ Latitude, g	32.1578 ft/s <sup>2</sup>
√2g	8.020
Base of natural logs e	2.718
1 radian	180° + π = 57.3
360 degrees	2π radians
π	3.1416
Sine 1´	0.00029089
Arc 1°	0.01745 radian
Side of square	0.707 x (diagonal of square)

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