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# Joule

National Cancer Institute

## Source

National Cancer Institute. *Joule*. NCI Thesaurus. Code C42548.

A unit of electrical, mechanical, and thermal energy (as well as work and quantity of heat) in the SI system, equal to the work done when the point of application of a force of one newton is displaced through a distance of one meter in the direction of the force or the work done when a current of one ampere passes through a resistance of one ohm for one second. Joule is equal to 0.23889 gram-calorie (mean).