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This formula states that the equivalent energy (E) can be calculated as the mass (m) multiplied by the speed of light ($c = \text{about } 3 \times 10^8 \text{ m/s}$) squared. Similarly, anything having energy exhibits a corresponding mass m given by its energy E divided by the speed of light squared c^2 . Because the speed of light is a very large number in everyday units, the formula implies that even an everyday ...

Mass-energy equivalence - Wikipedia

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