

The `\unit` command in text produces $1.23 \times 10^5 \text{ kg}\cdot\text{m}^2/\text{s}^2$.

Inline math `\unit` produces $1.23 \times 10^5 \text{ kg}\cdot\text{m}^2/\text{s}^2$.

Display math produces

$$1.23 \times 10^5 \text{ kg}\cdot\text{m}^2/\text{s}^2 + 8.64 \times 10^5 \text{ N}\cdot\text{m} = 987,000 \text{ J}$$

Line breaking in math:

$$G = \\ 6.6743 \times 10^{-11} \text{ m}^3\cdot\text{kg}^{-1}\cdot\text{s}^{-2}$$

Line breaking in text:

$$6.6743 \times 10^{-11} \text{ m}^3\cdot\text{kg}^{-1}\cdot\text{s}^{-2}$$