

Answer on Question #48306, Physics, Mechanics | Kinematics | Dynamics

Question:

which quantities has the same dimensions

Answer:

For example:

- 1) work and torque $[kg \frac{m^2}{s^2}]$
- 2) stress and pressure $[\frac{kg}{m s^2}]$
- 3) energy and work $[kg \frac{m^2}{s^2}]$
- 4) impulse and momentum $[kg \frac{m}{s}]$
- 5) refractive index and coefficient of friction [-]

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