

**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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