

Answer on Question #51953, Physics, Other

Question:

Which of the following quantities has the same dimensions as work and energy?

Answer:

Dimension of work and energy is:

$$[E] = \left[kg \frac{m^2}{s^2} \right] = \left[kg \frac{m}{s^2} m \right] = [F l]$$

which is the same as dimension of torque or moment of force.

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