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[kg] We could not have an equation that mixed the units up so the following is nonsense. $3 \text{ [kg]} + 5 \text{ [m]} = 8$. In multiplication and division the units must make sense as well.

MATHEMATICS FOR ENGINEERING BASIC ALGEBRA TUTORIAL 1 ... Solve problems involving functions and trigonometric equations Solve problems involving exponential and logarithmic equations Apply mathematical techniques to solve problems involving complex numbers and vectors The course is assessed via a single, end of year exam with 60% required to pass. Use of the handbook is not allowed in the exam.

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... Solving Everyday Problems Using the Engineering Design

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