Algebraic Manipulation (27:39)

Evaluate the expression $I = \frac{V}{R}$ given R = 240Ω and V = 14.3V. Express the answer using proper engineering format rounded to the tenths place.

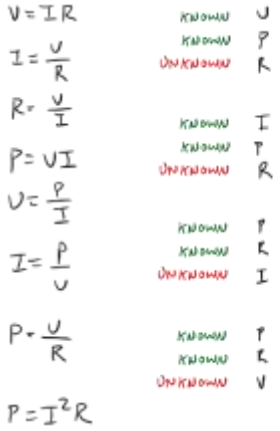
Given $I = \frac{V}{R}$ solve for unknown V given known R and I values.

Given $I = \frac{V}{R}$ solve for unknown R given known V and I values.

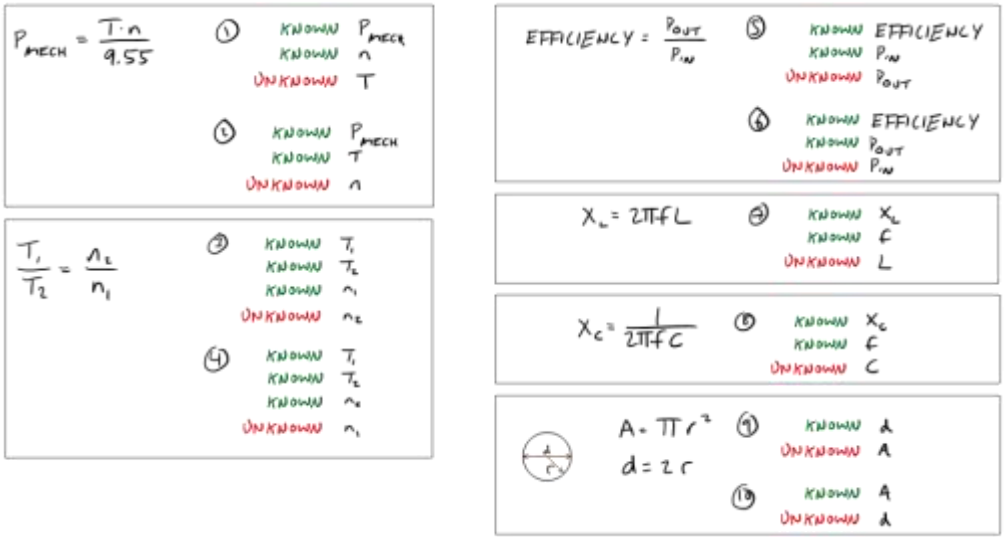
Given P = VI solve for unknown V given known P and I values.

Given P = VI solve for unknown I given known P and V values.

Solve for the indicated unknown quantities using the indicated known quantities.



Solve for the indicated unknown quantities using the indicated known quantities.



Identify practical applications for algebraic manipulation.