Ohm's Law Full Solutions

Description

This routine provides for all 12 formulae for Ohm's Law. The formulae use 3 of the 4 possible variables: I – Amps, E – Volts, P – Watts, R – Ohms. The user provides the 3 in the order of (1) variable to solve, (2) first known variable for solution, and (3) second known variable for solution in the form of "P, E, I". The routine follows this by asking for the values of the first and second known variables, in this case E and I, in the form "110, 0.2". Note both entries use a comma and a space (", ") to separate the items. The routine then determines which formula to apply and calculates the solution. If the first and second known values happen to be swapped, the routine will correct this. If the variable V is entered, the routine will replace it with E.

Formulae