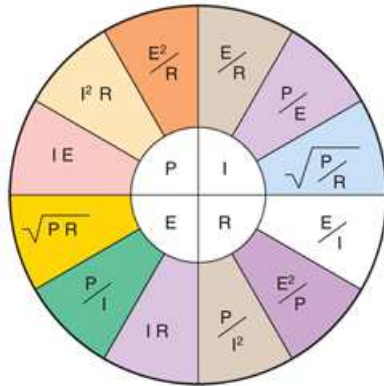


Instrumentation Formulas

For use with the following assessments:

- Instrumentation Fitter V4
- Instrumentation Technician V4

Power Formulas



Resistance Formulas

$$TR = R1 + R2 + R3...$$

$$TR = \frac{1}{(1/R1) + (1/R2) + (1/R3)}$$

Temperature Formulas

$$^{\circ}\text{C} = \frac{5}{9} (^{\circ}\text{F} - 32)$$

$$^{\circ}\text{F} = (1.8 \times ^{\circ}\text{C}) + 32$$

Pressure Formulas

$$\text{PSI} = 2.77 \text{ 'H}_2\text{O}$$

$$\text{PSIA} = \text{PSIG} + 14.7 \text{ PSI}$$

Absolute pressure = Barometric pressure – gauge

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