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PEACE TO ACHIEVE GOAL

I. Dua Untuk R₁:

$$I = \frac{V}{R_1 + R_2} = \frac{12V}{10\Omega + 10\Omega} = 0.6A$$
$$V = IR_1 = 0.6A \times 10\Omega = 6V$$
$$R_1 = \frac{V}{I} = \frac{6V}{0.6A} = 10\Omega$$

II. Dua Untuk R₂:

$$I = \frac{V}{R_1 + R_2} = \frac{12V}{10\Omega + 10\Omega} = 0.6A$$
$$V = IR_2 = 0.6A \times 10\Omega = 6V$$
$$R_2 = \frac{V}{I} = \frac{6V}{0.6A} = 10\Omega$$

R₁ dan R₂ berada di samping.

III. Rangkaian Paralel:

$$\frac{1}{R_{\text{total}}} = \frac{1}{R_1} + \frac{1}{R_2}$$
$$R_{\text{total}} = \frac{R_1 R_2}{R_1 + R_2} = \frac{10\Omega \times 10\Omega}{10\Omega + 10\Omega} = 5\Omega$$

Diagram rangkaian paralel:

IV. Rangkaian Terbuka:

$$R_{\text{total}} = \frac{R_1 R_2}{R_1 + R_2} = \frac{10\Omega \times 10\Omega}{10\Omega + 10\Omega} = 5\Omega$$
$$R_{\text{total}} = \frac{1}{\frac{1}{R_1} + \frac{1}{R_2}} = \frac{1}{\frac{1}{10\Omega} + \frac{1}{10\Omega}} = 5\Omega$$

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$\frac{1}{R_{\text{total}}} = \frac{1}{R_1} + \frac{1}{R_2}$

$$R_{\text{total}} = \frac{R_1 R_2}{R_1 + R_2} = \frac{10\Omega \times 10\Omega}{10\Omega + 10\Omega} = 5\Omega$$
$$R_{\text{total}} = \frac{1}{\frac{1}{R_1} + \frac{1}{R_2}} = \frac{1}{\frac{1}{10\Omega} + \frac{1}{10\Omega}} = 5\Omega$$
$$R_{\text{total}} = \frac{1}{\frac{1}{R_1} + \frac{1}{R_2}} = \frac{1}{\frac{1}{10\Omega} + \frac{1}{10\Omega}} = 5\Omega$$