

(ex)

$40\Omega$   
 $2A$

$80V$

$R_1 = 15\Omega$   
 $2A$

$R_2 = 20\Omega$   
 $2A$

$I \sim \text{same}$   
 $V \sim \text{adds}$   
 $R \sim \text{adds}$

$R_3 = 5\Omega$   
 $2A$

$$R_T = \underline{40\Omega} \quad V_T = \underline{80V} \quad I_T = \underline{2A}$$

$$V_1 = \underline{30V} \quad V_2 = \underline{40V} \quad V_3 = \underline{10V}$$