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$$R_{TOT} =$$



$$R_{23} = \frac{R_2 \cdot R_3}{R_2 + R_3}$$

$$R_{56} = R_5 + R_6$$

$$R_{456} = R_4 // R_{56}$$



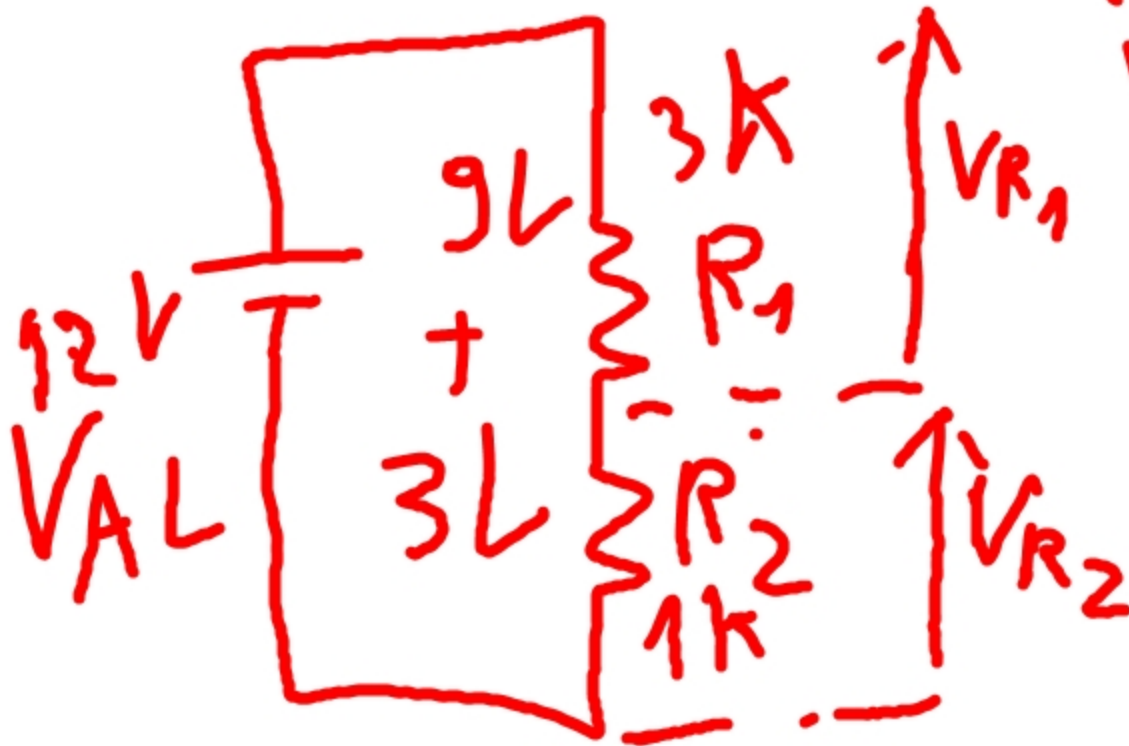
$$R_{TOT} = R_1 + R_{23} + R_{456}$$

$$I_{TOT} = \frac{V_{AL}}{R_{TOT}}$$



TEOREMA DI TH. EVENIN

Per Kirchhoff



$$V_{AL} = V_{R1} + V_{R2}$$

$$V_{R2} = V_{AL} - V_{R1}$$

$$V_{R2} = \frac{R_2 \cdot V_{AL}}{R_1 + R_2}$$

$$V_{R1} = \frac{R_1 \cdot V_{AL}}{R_1 + R_2} = \frac{3 \cdot 12}{4} = 9V$$

$$V_{R2} = \frac{R_2 \cdot V_{AL}}{R_1 + R_2} = \frac{1 \cdot 12}{4} = 3V$$

