

Resistor Circuit (10)



Consider the electric circuit shown.

- (a) Find the current through the 12V battery.
- (b) Find the current through the 2Ω resistor.
- (c) Find the total power dissipated.
- (d) Find the voltage $V_{cd} \equiv V_d - V_c$.
- (e) Find the voltage $V_{ab} \equiv V_b - V_a$.

