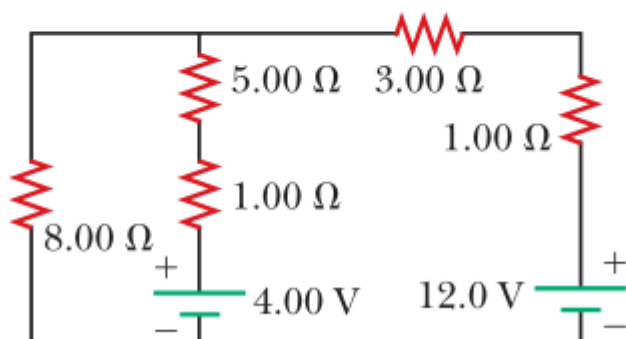


- 21. M Q C** The circuit shown in Figure P28.21 is connected for 2.00 min. (a) Determine the current in each branch of the circuit. (b) Find the energy delivered by each battery. (c) Find the energy delivered to each resistor. (d) Identify the type of energy storage transformation that occurs in the operation of the circuit. (e) Find the total amount of energy transformed into internal energy in the resistors.



**Figure P28.21**

28. In the circuit of Figure P28.28, determine (a) the current in each resistor and (b) the potential difference across the  $200\text{-}\Omega$  resistor.

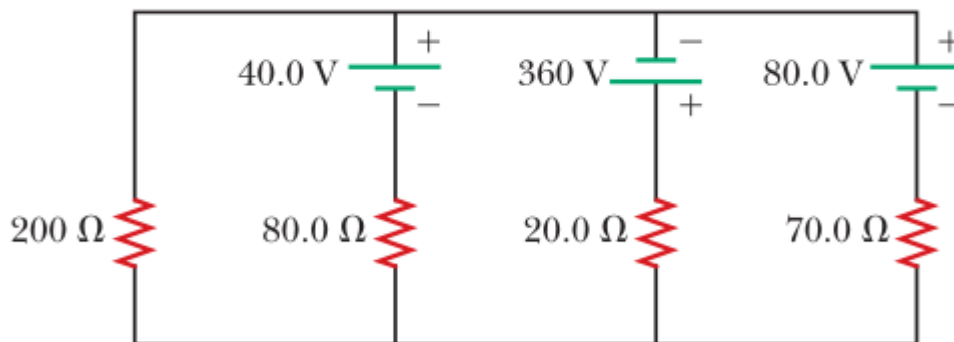


Figure P28.28