

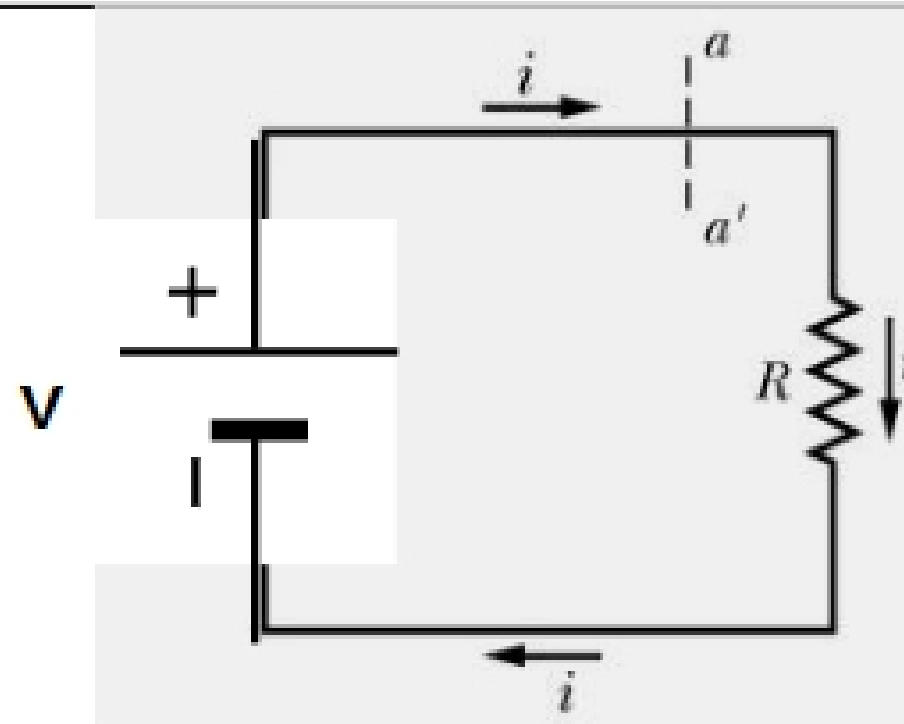


# DC Circuits

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**March 1, 2006**

# Power Source in a Circuit



The **ideal** battery does work on charges moving them (inside) from a lower potential to one that is  $V$  higher.

9. Consider the circuit shown in Figure P28.9. Find (a) the current in the  $20.0\text{-}\Omega$  resistor and (b) the potential difference between points  $a$  and  $b$ .

