

Basic Concepts 008b

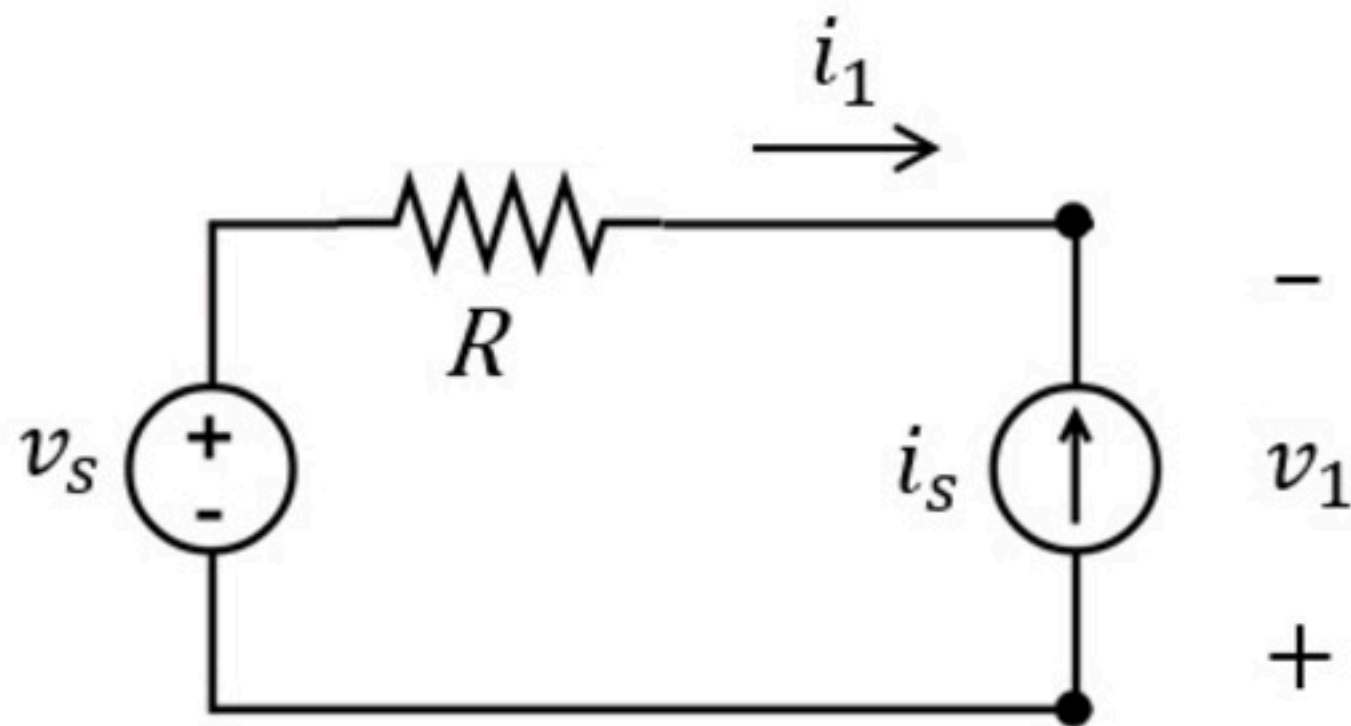
Problem has been graded.

The current source supplies 100 W of power.

What is the current i_1 ?

What is the voltage v_1 ?

What is the value of the voltage source v_s ?



Given Variables:

R : 5 ohm

i_s : 10 A

Calculate the following:

i_1 (A) :

v_1 (V) :

v_s (V) :

Hint: Check the signs