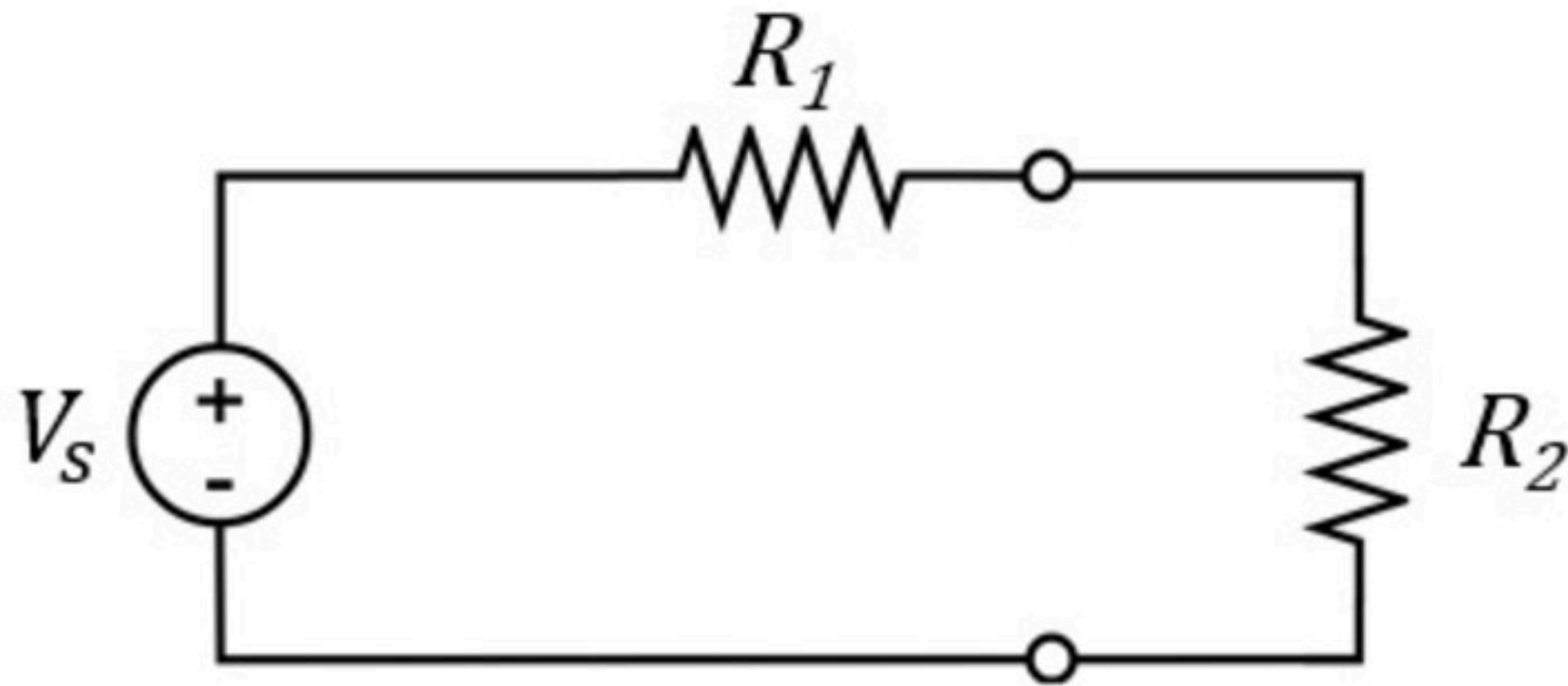


# Circuit theorems 008

Problem has been graded.

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Determine the resistance  $R_1$  such that the power dissipated in  $R_2$  is maximum.



Given Variables:

$V_s$  : 12 V

$R_2$  : 7 ohm

Calculate the following:

$R_1$  (ohm) :