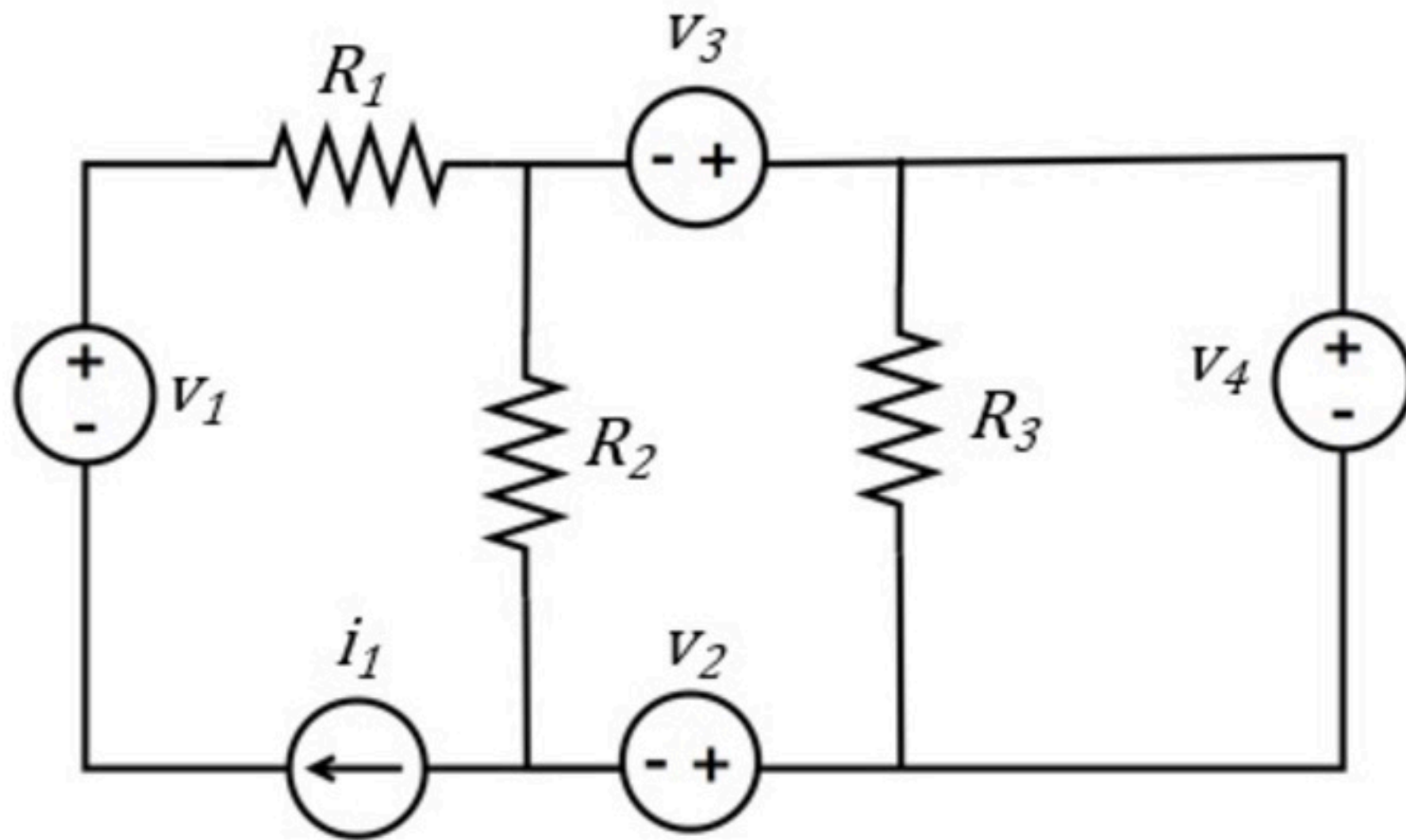


Basic analysis 003

Problem has been graded.

Determine the power received by each of the three resistors.



Given Variables:

v_1 : 3 V

v_2 : 5 V

v_3 : 1 V

v_4 : 2 V

i_1 : 1 A

R_1 : 2 ohm

R_2 : 3 ohm

R_3 : 4 ohm

Calculate the following:

P_1 (W) :

P_2 (W) :

P_3 (W) :

Hint: Find currents using KCL and KVL