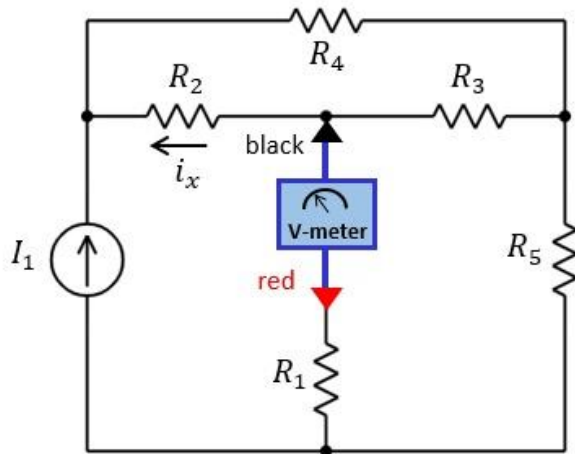


Q1

In the problem below, the voltmeter is ideal.

- What is the current  $i_x$ ?
- What is the reading  $X$  of the voltmeter?

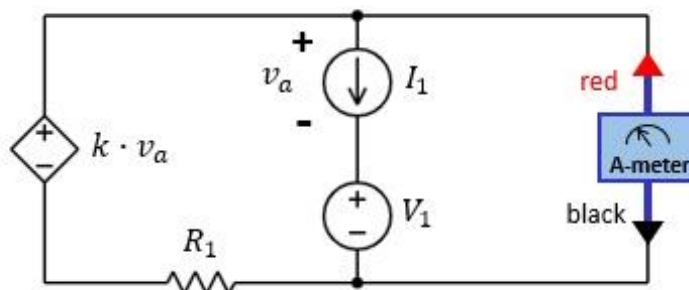


R1:	2 $\Omega$
R2:	1 $\Omega$
R3:	2 $\Omega$
R4:	1 $\Omega$
R5:	1 $\Omega$
I1:	2 A

Q2

In the problem below, the ammeter is ideal.

- What is the power  $P_1$  supplied by the independent voltage source?
- What is the power  $P_2$  supplied by the dependent source?
- What is the reading  $X$  of the ammeter?



R1:	2 $\Omega$
V1:	1 V
I1:	2 A
k:	2 V/V