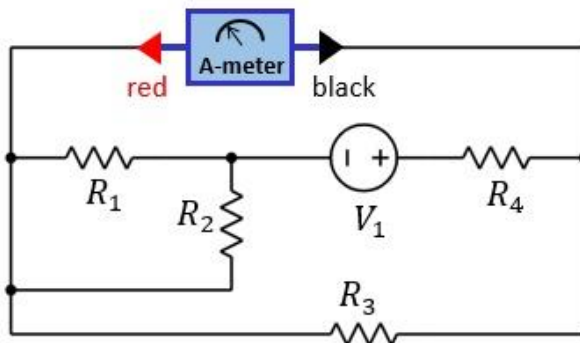


Q1

In the problem below, the ammeter is ideal.

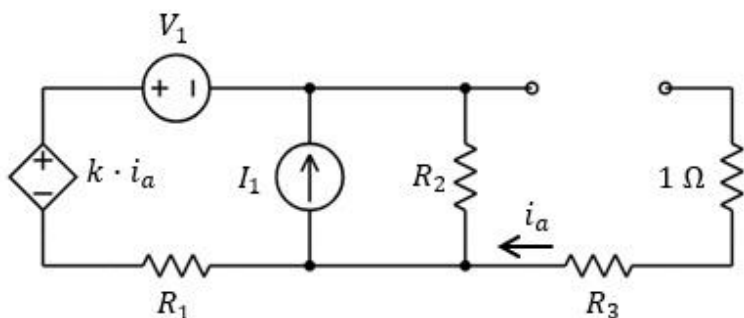
- What is the reading  $X$  of the ammeter?
- If we replace the ammeter by an ideal voltmeter (with red and black terminal in the same position), what is the reading  $Y$  of the voltmeter?



R1:	4 $\Omega$
R2:	4 $\Omega$
R3:	2 $\Omega$
R4:	2 $\Omega$
V1:	6 V

Q2

- What is the power  $P_1$  supplied by the dependent source?
- What is the power  $P_2$  supplied by the independent current source?



R1:	3 $\Omega$
R2:	1 $\Omega$
R3:	2 $\Omega$
V1:	1 V
I1:	1 A
k:	2 V/A