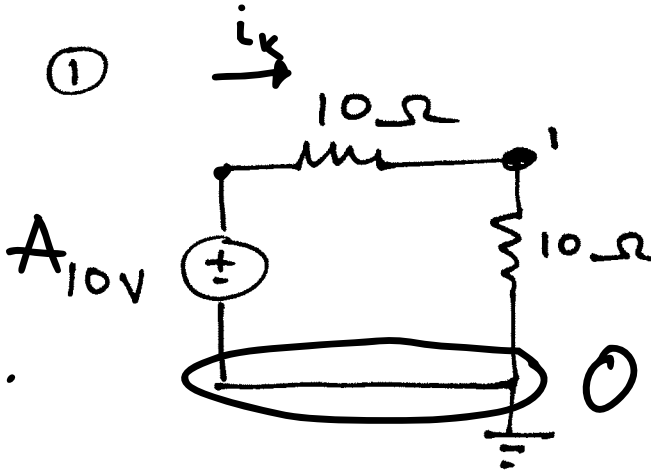
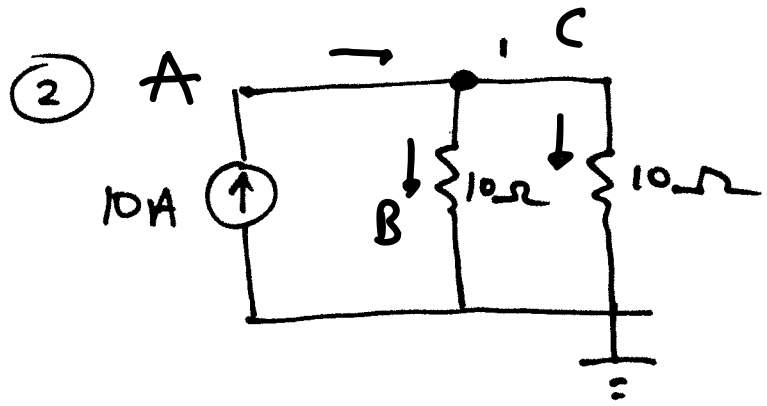
① 

	J	R	E
A	0	10	10
B	0	10	0

$V_1 = 5V$

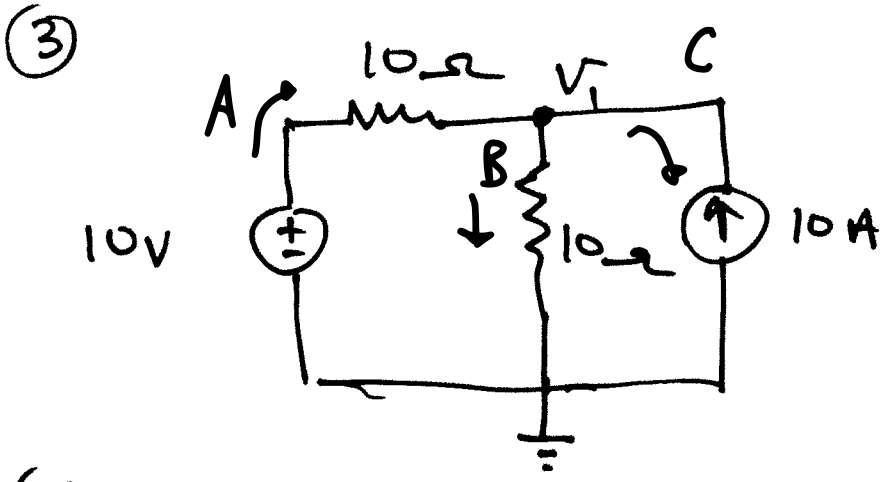
	0	1
A	1	-1
B	-1	1

→ $[1\ -1]$

② 

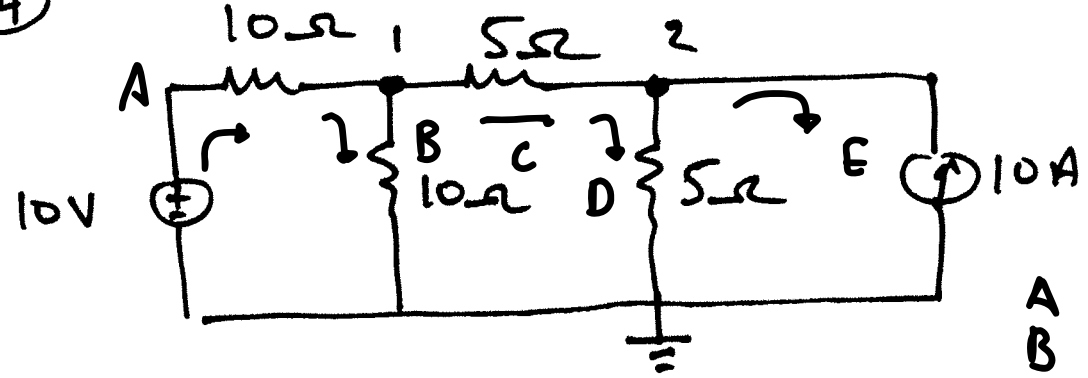
$V_1 = 50V$

	J	R	E
A	-10	0	0
B	0	10	0
C	0	10	0

③ 

$V_1 = 55V$

	J	R	E
A	0	10	10
B	0	10	0
C	10	0	0

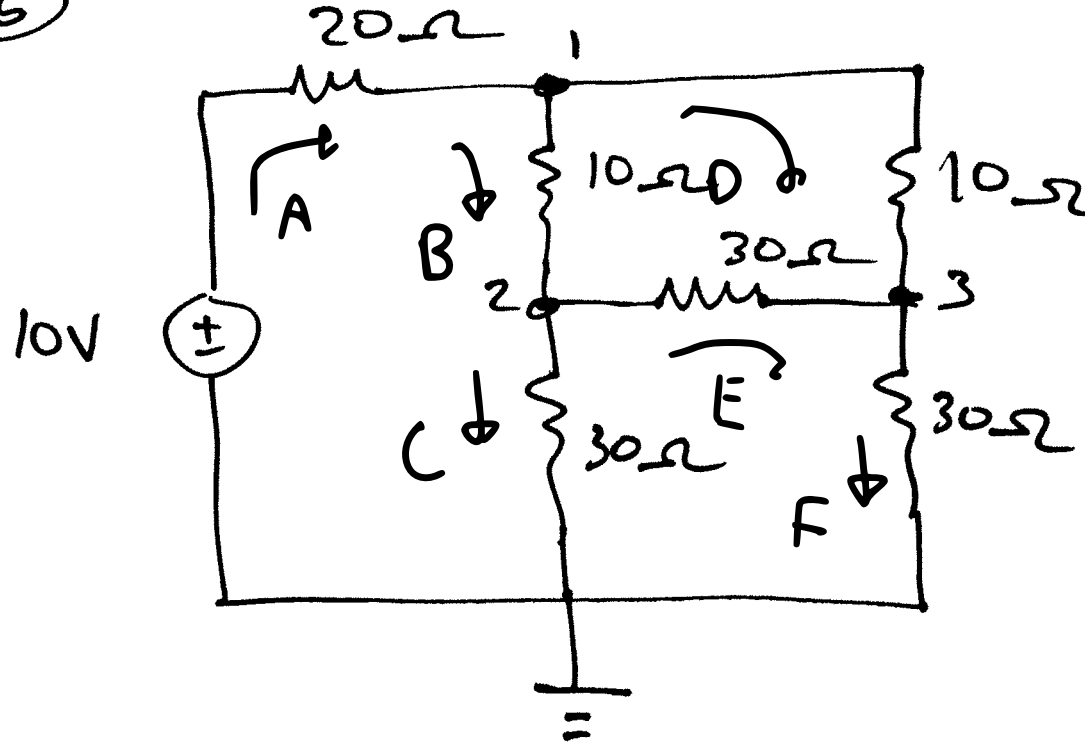
④ 

$V_1 = 20V$

$V_2 = 35V$

	J	R	E
A	0	10	10
B	D	10	0
C	0	5	0
D	0	5	0
E	10	0	0

(5)



$V_1 = 5V$

$V_2 = 3.75V$

$V_3 = 3.75V$

	J	R	E
A	0	20	10
B	0	10	0
C	0	30	0
D	0	10	0
E	0	20	0
F	0	30	0