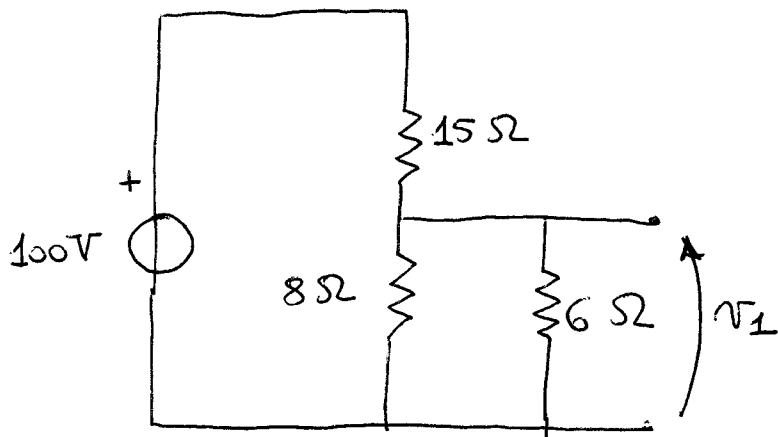


ESERCIZIO 1

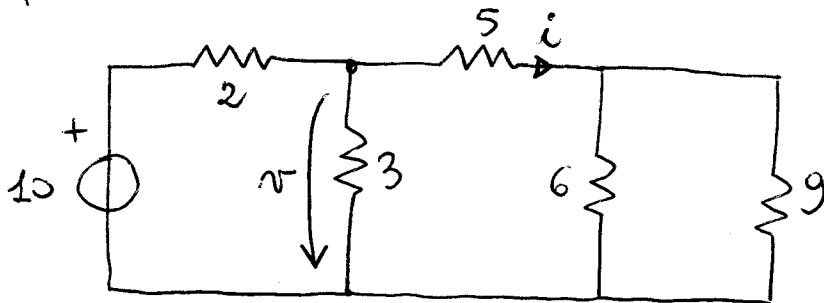
DETERMINARE V_1



$$V_1 = 18.6 \text{ V}$$

ESERCIZIO 2

DETERMINARE V e i

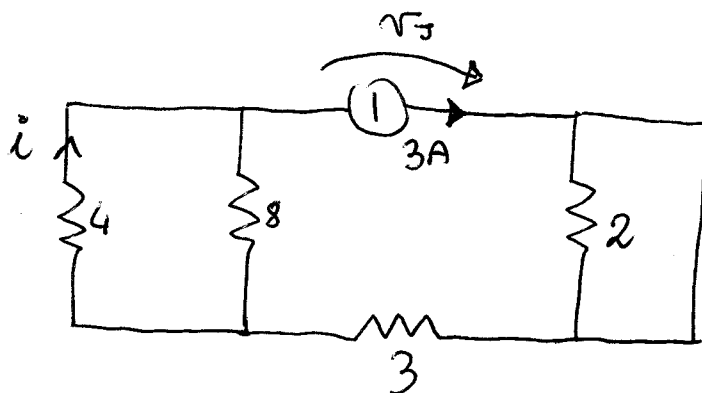


$$V = -5.26 \text{ V}$$

$$i = 0.61 \text{ A}$$

ESERCIZIO 3

DETERMINARE V_3 e i

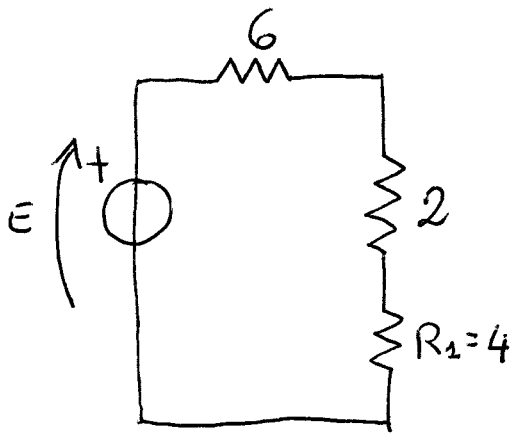


$$V_3 = 17 \text{ V}$$

$$i = 2 \text{ A}$$

ESERCIZIO 4

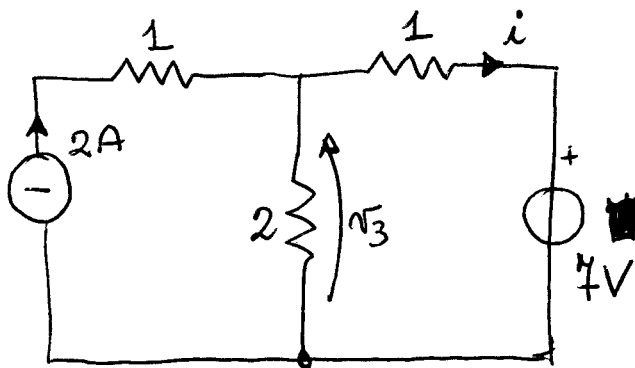
Nel circuito il resistore R_1 emette la potenza $P_1 = 10 \text{ W}$.
Determinare E .



$$E = 18.97 \text{ V}$$

ESERCIZIO 5

Con la sovrapposizione degli effetti determinare i e v_3

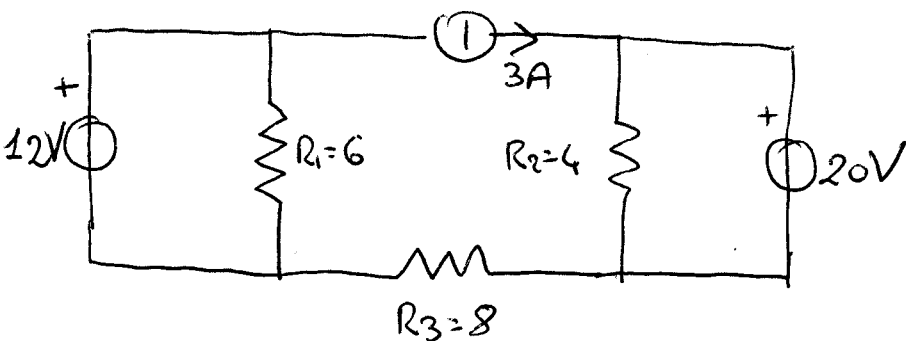


$$v_3 = 6 \text{ V}$$

$$i = -1 \text{ A}$$

ESERCIZIO 6

Determinare la potenza assorbita da R_3 , R_1 e da R_2



$$P_{R1} = 24 \text{ W}$$

$$P_{R2} = 100 \text{ W}$$

$$P_{R3} = 72 \text{ W}$$