$$- \cdot \cdot \omega = 2(V_2 - V_1)$$

$$=-5\times10^{-3}(17+7)$$

$$P_2 = 3 \times S = 15 \omega$$
 (absorbs)

$$P_{2} = 3 \times S = 15W$$
 (absorbs)  
 $P_{3} = 2 \times 4 = 8W$  (absorbs)  
 $P_{4} = -4 \times 3 = -12W$  (supplies)

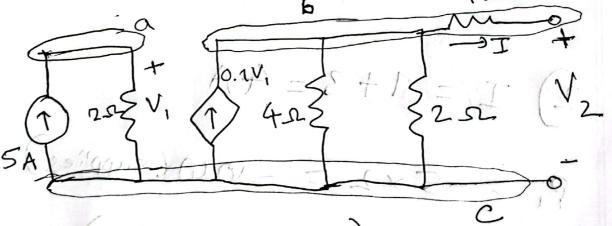
$$P_7 = 1 \times 2 = 2W$$

$$P_8 = -1 \times 2 = -2W$$
(supplies)

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(+++1) Edist

 $V_1 = 2 \times 5 = 10V_3$  Number of nodes = 3



I = 0 (open circuit)

Req = (7 + 12) = 1.33-1

 $V_2 = 0.1V, \times 1.33 = 1.33$  V  $P = -0.1V, \times V_2 = -1.33 \text{ W (supplies)}$