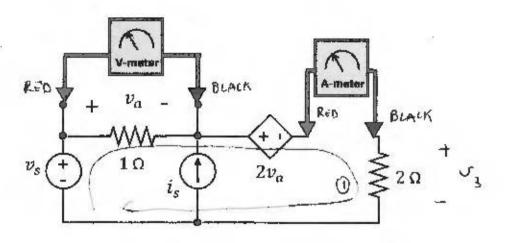
The reading of the voltmeter is x and that of the ammeter is y.

What is the power P supplied by the VCV5? What is the value of the current source  $i_s$ ? What is the value of the voltage source  $v_s$ ?

X = 6 V

Y = 3A



(a) 
$$V_a = X = 6$$
  
 $C_1 = Y = 3$   
 $V_1 = 2V_a = 12$ 

$$P = \sigma_1 \cdot i_1 = 36 \text{ W}$$
 $P = \sigma_2 \cdot i_1 = 36 \text{ W}$ 
 $P = -36 \text{ W}$ 

$$\dot{c}_1 = \frac{c_a}{1} = cA$$

$$KCL: \dot{c}_2 + c_5 = \dot{c}_1 \implies \dot{c}_5 = 3 - c = -3$$

$$\dot{c}_5 = -3A$$

@ KVL mo: