Given the circuit shown below, with $V_{10} = 5\,\text{V}$:
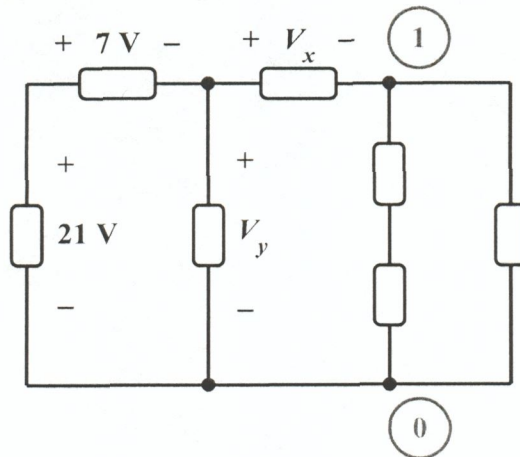
a. Determine the value of V_x.

$$V_x = -7V + 21V + V_{01}$$
$$= 14V - V_{10} = 14V - 5V = 9V$$

b. Determine the value of V_y.

$$V_y = -7V + 21V = 14V$$

c. Determine the value of V_{01}.

$$V_{01} = -V_{10} = -5V$$