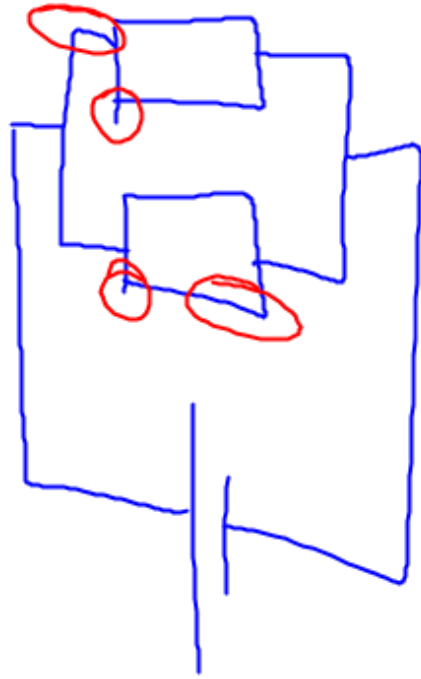
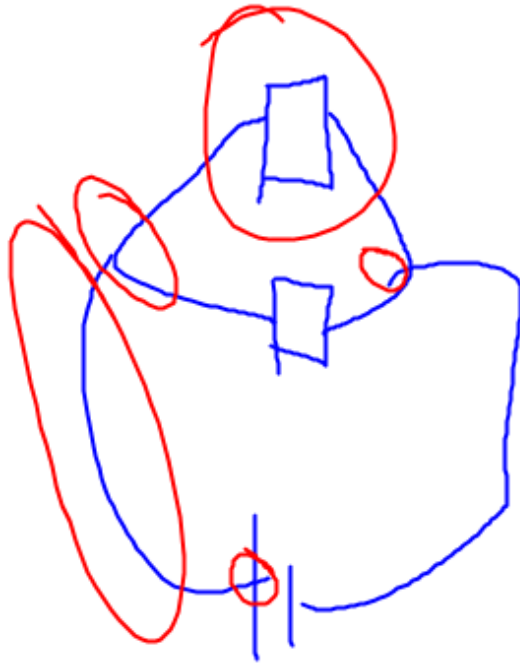
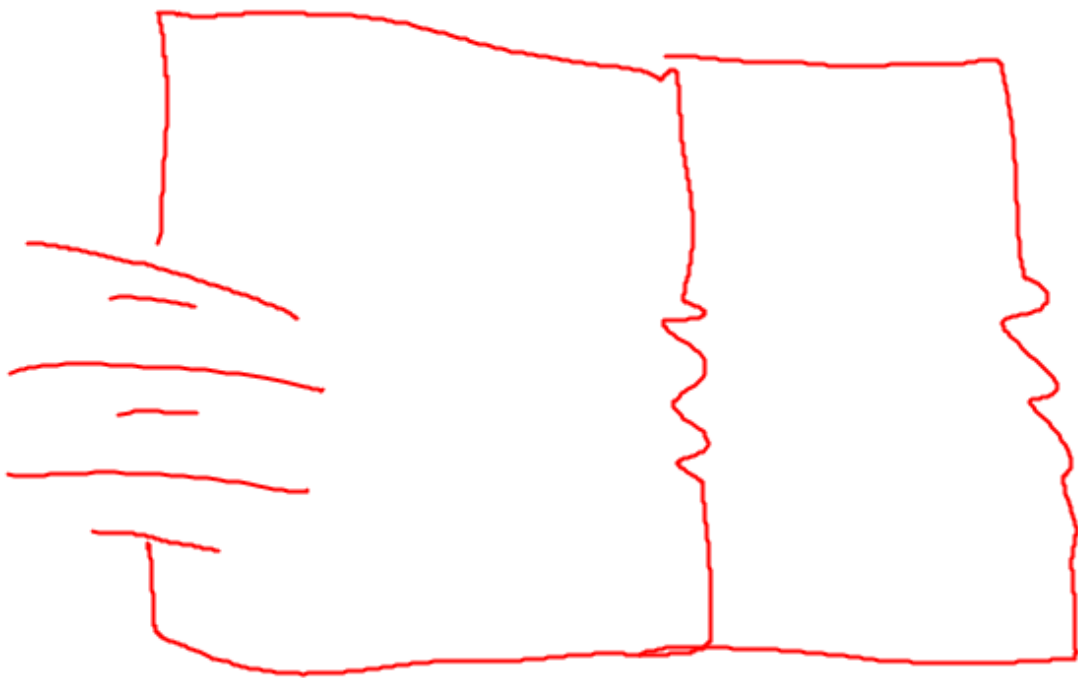


4/10



9/8  
10

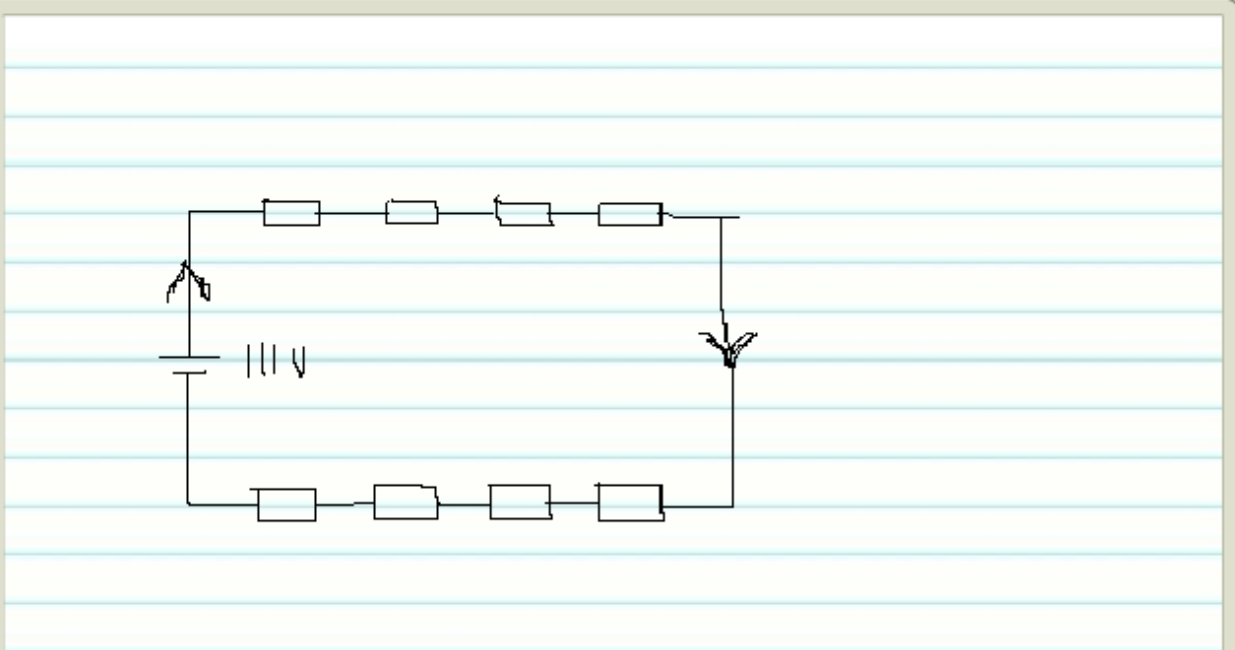




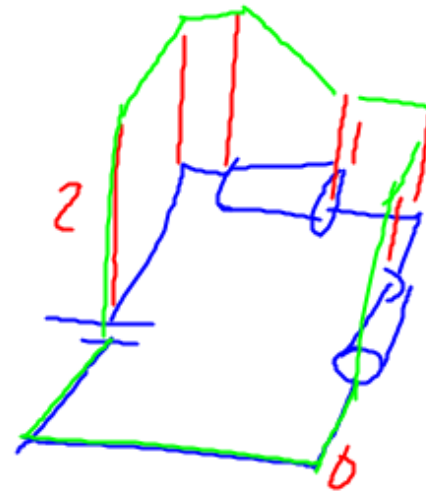
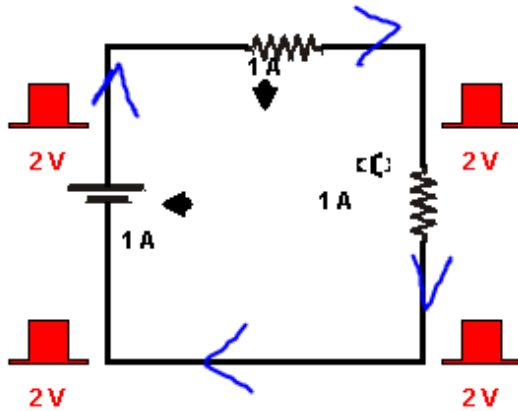
Tools



Pages



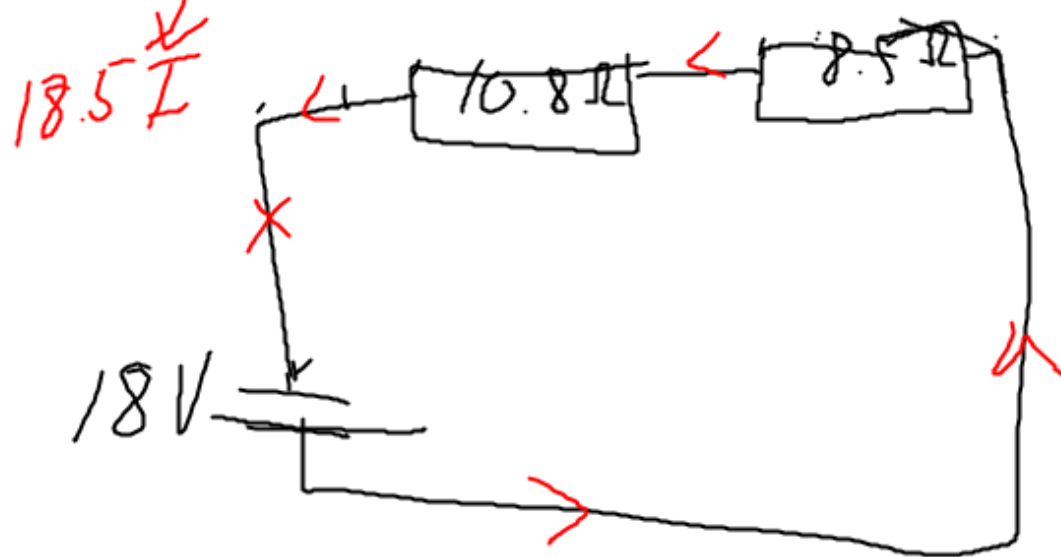
Indicate the relative electric potential at each point in the circuit by dragging the bars upward. Also indicate the the direction and relative magnitude of the current through each of the elements using the arrows next to them. All of the resistors have the same resistance. [Help on Drawing](#)



A  $18.5\ \Omega$  resistor and a  $10.8\ \Omega$  resistor are connected in series to an  $18.0\ \text{V}$  battery. Find the current and the potential difference across each resistor.

	Potential Difference (V)	Current (A)
$18.5\ \Omega$	<input type="text"/>	<input type="text"/>
$10.8\ \Omega$	<input type="text"/>	<input type="text"/>

Submit New Answers To Question 10 Save Work



Current constant

1 loop

$$18\text{V} - (18.5)I - 10.8I = 0$$

$$18 = (18.5 + 10.8)I$$

$$I =$$