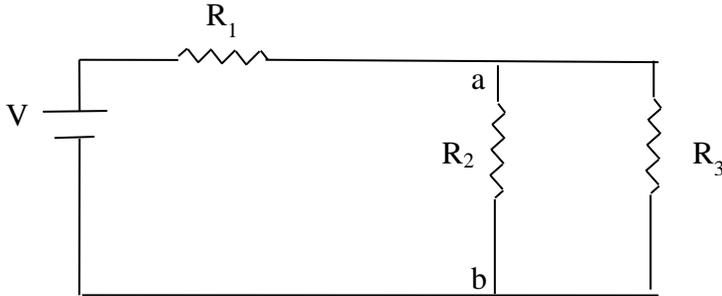


Name: _____

Banner ID: _____

Kirchhoff's Laws Pre-Lab



On the diagram above, label your prediction for the direction of current through each resistor, and indicate the direction you used to go around each loop.

Three Loop Equations – in variable form – (2 points each)	
(Loop through R_1 and R_2)	
(Loop through R_1 and R_3)	
(Loop through R_2 and R_3)	

Two Junction Equations – in variable form – (1 point each)	
(Junction a)	
(Junction b)	

Indicate which of the three equations that you would use to solve for I_1 , I_2 , and I_3 by checking the appropriate boxes to the right of your equations. You do not need to solve for I_1 , I_2 , and I_3 . (2 points)