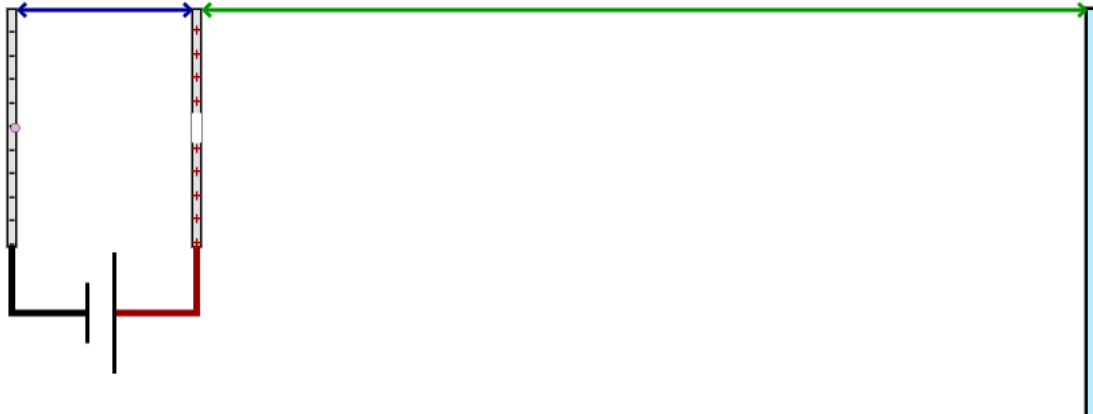# Electron Fired by a Capacitor

Step 1: Draw in all the important values for your system

Step 2: Show all the steps you did to find the velocity of the electron when it emerges from the capacitor

Step 3: Calculate the time it took the electron to move from the negative plates of the capacitor to the hole in the positive plates. Give your final answer in nanoseconds

Step 4:   Calculate the time it took the electron to move from the hole in the positive plate to the phosphorescent screen. Give your final answer in nanoseconds.

Step 5: Finally get the total time it took the electron to get from the negative plate to the screen in nanoseconds. Enter your answers to see if you did everything correctly