

For the photo-electric effect experiment shown above, what happens to  $i_{max}$  and  $V_0$  when the intensity of light incident on the cathode is increased?

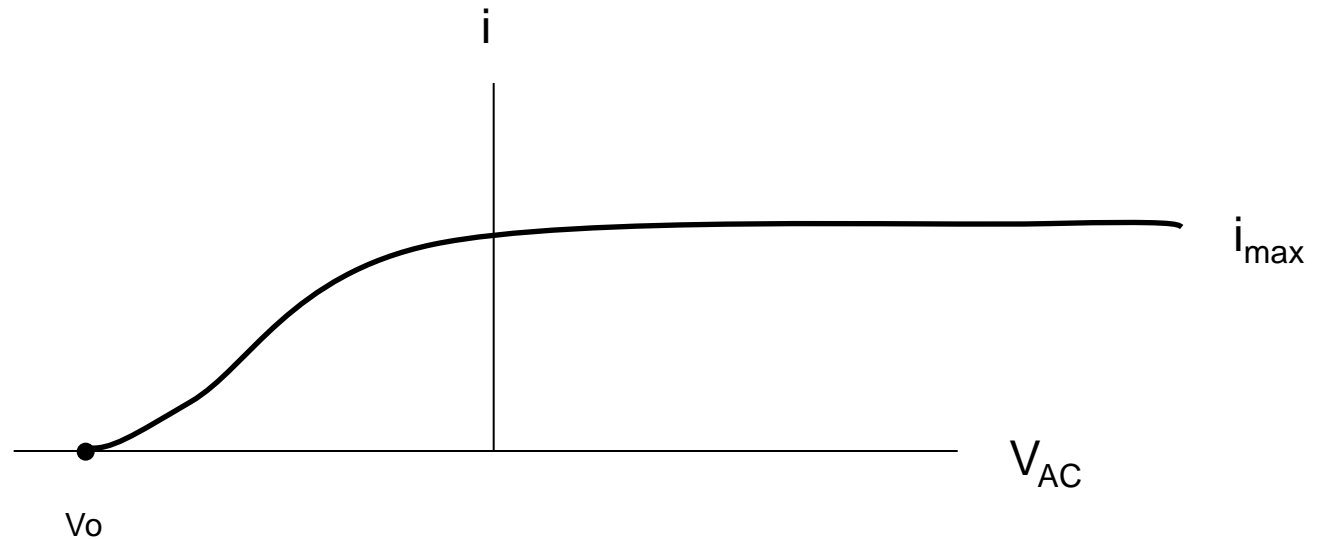
a)  $V_0$  moves left

b)  $i_{max}$  increases

c)  $V_0$  moves right

d) a) and b)

e) b) and c)



For the photo-electric effect experiment shown above, what happens to  $i_{max}$  and  $V_0$  when the frequency of light incident on the cathode is increased?

a)  $V_0$  moves left

b)  $i_{max}$  increases

c)  $V_0$  moves right

d) a) and b)

e) b) and c)