



first two letters of last name

Physics 7B - Winter 07 - Quiz 7

Name _____ Student ID _____

DL section number _____

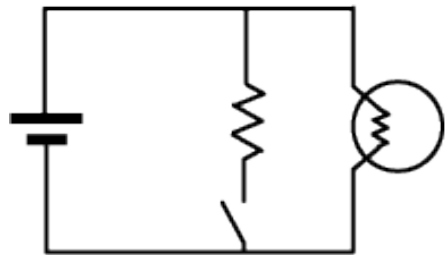
I certify by my signature that I will abide by the code of academic conduct of the University of California

Signature _____

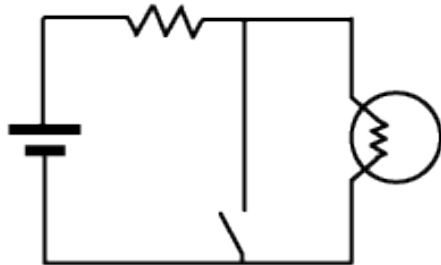
No books or notes. Calculators OK. Show all of your work below - answers alone do not receive credit!

For each of the following circuits, there is a light bulb and a resistor. The resistance of the light bulb is equal to that of the resistor. Describe what happens to the light after the switch closes (gets dimmer/brighter, stays the same, goes off). Explain in one sentence why this is so (using math if you want).

1. (1.5 pts)



2. (1.5 pts)



3. (1.5 pts)

