

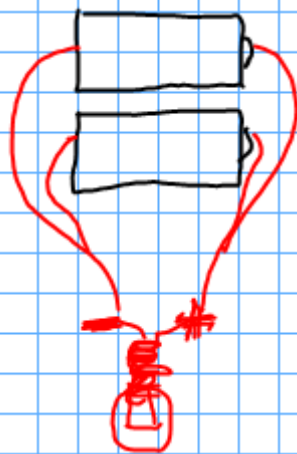
# Quiz

Q1#5

a. Why does the voltage change when you connect two batteries like this:



b. What would change if you connected them like this:



c. Why does a thin wire get longer when you increase the voltage applied to the ends?

Q1#6 Calculate the current running through 10 m of 22 gauge gold wire at 1.5 volts.