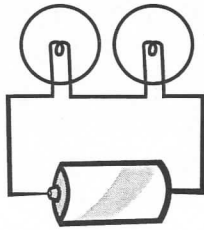
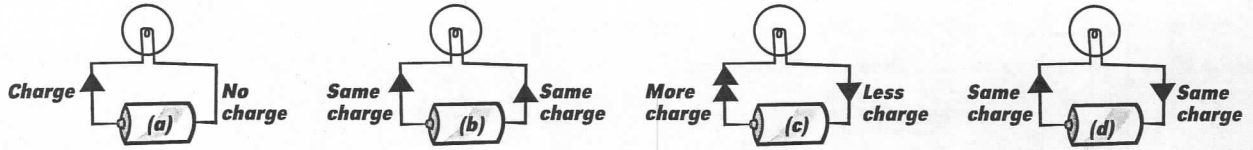


Circuits With Two Bulbs

When you connect a battery to a bulb, which arrangement do you think best represents the way the electric charge flows?



An Experiment

Let's put an extra bulb in the circuit.
 Do you think **both** bulbs will light up?
 Do you think one will be brighter than the other?

Predict

Do you expect any difference in the brightness of the bulbs? _____

Please explain. _____

Observe

What happens? _____

Explain

Try to explain what happened. Use the picture above to show how you think electrical charge flows. Use arrows to show the direction and amount of charge flowing.

Try This for Fun!

What do you think will happen if we put another bulb in the circuit? And another?

We can check out your explanation by putting a current meter (ammeter) in each part of the circuit.