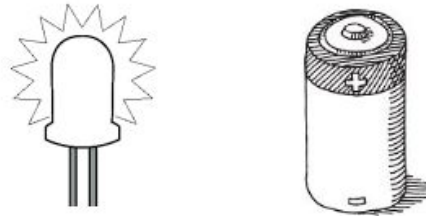
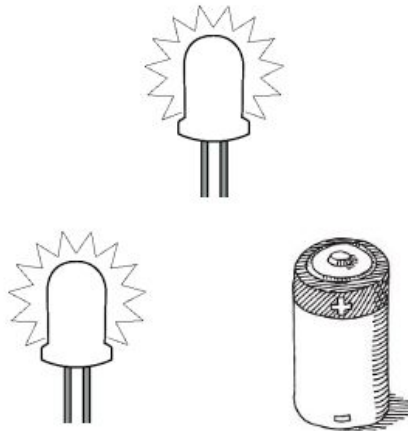


# Circuits and electrical energy

**Let's make light!** Draw wires on the picture to show how you connected the light bulb to the battery.



**Connect two lights:** Draw wires on the picture to show how you connected the light bulbs to the battery.

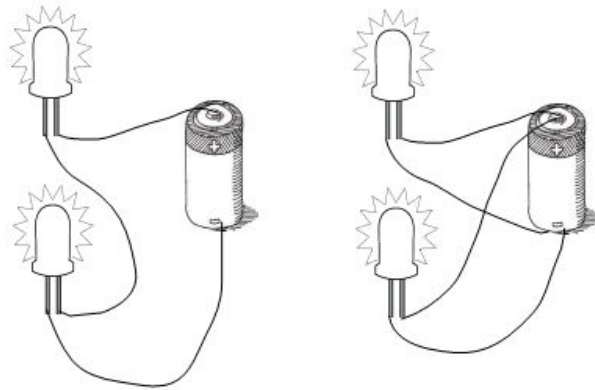


How does the brightness change when you use two lights instead of one?

Prediction	Observation

When there are two lights, the current is (circle one) *higher / lower* than when there is only one light. (circle one) *More / Less* energy is changed from electrical energy into light energy in each of the lights.

**Series and Parallel circuits:** Make both of the circuits shown in the picture. Circle the one which lights up brighter.



Why does the circuit you circled have brighter light? Circle the correct reason:

*The current is larger. The battery is stronger. The circuit is longer.*