

#cs

Lab 4 Light the LED

This is just reflection questions nothing else :P

What is the purpose of the breadboard

To make circuits without soldering it together
In other words to create a temporary circuit

Does the LED orientation matter?

Yes, if you connect the long prong to ground and the short prong to power the bulb will explode

Just connect long to power and short to ground and you'll be fine :)

Why do you put a resistor in your circuit?

If a circuit takes in too much power it'll explode

Yes there is a lot of exploding in circuitry if you don't do it correctly

How will a resistor with greater resistance affect the light?

The light will get dimmer with more resistance

More resistance == Less Power

Less Power == Dimmer Bulb