

Name: \_\_\_\_\_

Date: \_\_\_\_\_

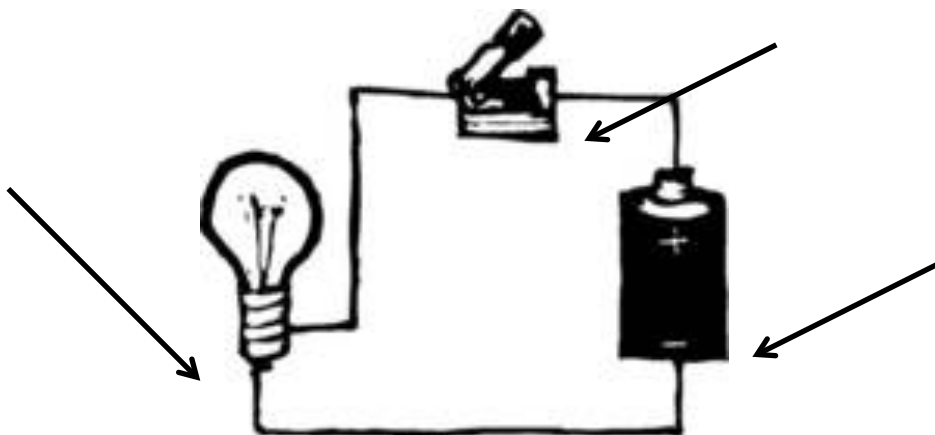


## Week 9 - Circuits and Electricity!

Materials:	Amount:
Tin Foil	1
Pencils	1
Wire	1
Nickel	1
Penny	1
Circuit Board (Premade)	1
Piece of Wool	1
Mylar Strands	3
Paper Folder Strand	1
Cardboard Strand	1
Plastic Spoon	1
Metal Utensil	1



**Question 1:** Label the three parts of the circuit!



**Question 2:** Circle the answer that goes in the blank!

An object with **high** resistance will let \_\_\_\_\_ electrons pass through than an object with **low** resistance.

**More**

**Less**

**Question 3:** Circle the correct word in the parentheses:

**Conductors** (block, transfer) electricity, and **insulators** (block, transfer) electricity.

**Question 4:** What material was the best **conductor**? What was the best **insulator**?

Conductor: \_\_\_\_\_

Insulator: \_\_\_\_\_

**Bonus Question:**

What material is both a good **electrical** and **heat** conductor?

(Hint: you might want to look at your blubber worksheet!)



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