

Name: _____ Date: _____ TOC: _____

Chapter 2: Section 2 Electric Current
Conductors and Insulators p. 47

FLIP Sheet #2

Conductors	Insulators
<ul style="list-style-type: none"> Material through which charges can _____ Does transfer _____ Electrons are _____ <ul style="list-style-type: none"> ○ _____ Are able to move throughout the conductor ○ As the electrons flow, they form _____ Used to carry _____ 	<ul style="list-style-type: none"> Material through which charges cannot _____ Does NOT transfer _____ Electrons are _____ <ul style="list-style-type: none"> ○ They do not _____ Used to _____ the flow of _____
Examples:	Examples:

Flip of the Switch:

- Electrons are _____ for the switch to flip
 - The electrons are already inside the _____ that makes the circuit (_____)
 - Flip the switch and electrons at one end of the wire are _____ while those at the other end are _____
 - This equals a _____ flow of electrons throughout the _____ circuit

Why aren't we shocked?

Fluorescent light bulbs contain a gas. Is a gas a conductor?

Questions: Write three questions you have related to conductors and insulators. This is part of the homework grade.