

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

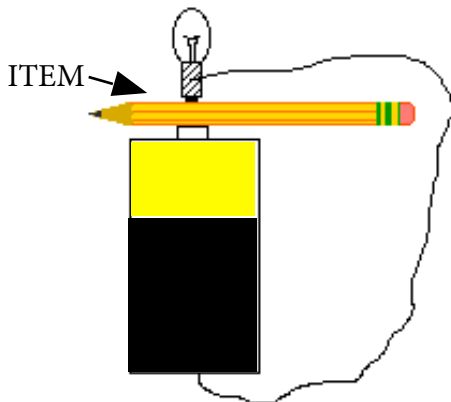
# Is it a conductor or is it an insulator?



DO NOT USE ELECTRICITY FROM A WALL OUTLET FOR THIS EXPERIMENT!!!



Test items and see if they conduct electricity. Using what you learned yesterday about circuits, include the item in the circuit as in the example below.



Notice that the ITEM is "IN THE CIRCUIT". In order for the bulb to light, the electricity must flow through the pencil. The pencil would have to conduct electricity.

**Conductor**...Lets electricity flow.  
**Insulator**....Does NOT let electricity flow.

	ITEM NAME	Insulator	Conductor		ITEM NAME	Insulator	Conductor
1	Pencil			14			
2				15			
3				16			
4				17			
5				18			
6				19			
7				20			

1. **On the back of this sheet**, write complete sentences that explain what you learned about materials that conduct electricity and insulate electricity. Can you predict if a material is a conductor or insulator? Explain on the back.