

Name: _____

Pd: _____

Date: _____

Will it Light?

Procedure:

1. Examine diagrams A-J. Hypothesize whether the circuit will be complete (meaning the light bulb will light up) and record your prediction on the chart below.
2. Arrange the materials EXACTLY like the pictures A-J to test out each hypothesis.

Circuit	Hypothesis		Test	
	Bulb will light		Results	
	Yes	No	Yes	No
A				
B				
C				
D				
E				
F				
G				
H				
I				
J				

Analysis Questions: Write in complete sentences.

1. What arrangements lit up? _____
2. Explain why the arrangements that lit up are considered a complete circuit.

3. Which arrangements did not light up? _____
4. Explain why each of the arrangements you listed in #3 did not light up.