

Name \_\_\_\_\_ Date \_\_\_\_\_

## **Challenge: Open and Closed Worksheet**

1. Currently, you have an empty breadboard. Create a closed circuit that lights a light bulb.  
REMEMBER: Your circuit must have electricity flowing, and the current flow should not be too high (it should not be red in color). Take a photo of your closed circuit.

2. Now create a closed circuit that starts a motor. Take a photo of your closed circuit.

3. Create a closed circuit that lights a light bulb and starts a motor. Take a photo of your circuit.

4. Create a new circuit with an LED. Take a photo of your new circuit.