Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Grade level: \_\_\_\_\_\_\_\_\_ Period: \_\_\_\_\_\_\_\_\_ Score: \_\_\_\_\_\_\_

**Sensors and Terms Quiz 7/6 or 6/6 = 4 5/6 = 3.5 4/6 = 3 3/6 = 2 2/6 = 1**

1. What system are you working with in robotics? \_\_\_\_\_\_\_\_ a. NXT b. EV3 c. VEX IQ
2. Sketch and label 4 sensors from your device/set.



1. How many motors is supposed to be in your kit?
2. What function does the “brick” do for your kit/system?
3. Mechanical, Chemical, Civil, and Electrical are all types of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ careers. A. robotic B. engineering C. scientific D. all of the above
4. Describe the difference between software and hardware using your robotic system.

**Bonus:**

How can you get your robot to “turn”?