Balancing Equations Pre-Assessment

1. Rate 1 – 10 with 1 = Not Comfortable and 10 = Very Comfortable.
   a. Do you feel comfortable with solving algebraic equations? ______
   b. Is algebra confusing? ______
   c. Solving equations confusing? ______

2. Circle “Yes” or “No” if you understand any of these terms:
   - Equation: Yes No
   - Integer Yes No
   - Constant Yes No
   - Unknown variable: Yes No
   - Coefficient Yes No

3. Can you solve for the unknown in $2x = 3 - 1$? If yes? 😊 Solve below.
4. Have you played with LEGO Mindstorms before? Circle: Yes or No. If yes, where and when?

5. Do you know what a color sensor is? Circle: Yes or No.
   If yes, please explain your definition.