**Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Solving Equations with Variables on Both Sides (10 questions)**

**Solve each equation. Show your work. Circle your final answer. The answers are in the box. If your answer is not in the box, that means you did something wrong.**

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**Solve for x then find the measure of the angles.**

1. Find x.
2. What is the measure of each angle?
3. Find y.
4. What is the measure of each angle?