**Solving Equations with Variables on Both Sides Practice 1**

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

**Solve each equation. Show your work.**

1. **6x + 9 = 4x – 15**

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1. **7x + 2 – 5x = 3x – 23**
2. **5c – 2 = 32 + 4c**
3. $\frac{1}{3}$**(18 + 12x) = 6(2x – 7)**
4. **4(x + 20) = 20x + 40**
5. **8x – 2 = -9 + 7x**
6. **b + 5 = -5b + 5**
7. **x – 1 = 3x – 8 + 5x**



1. **8x – 2 = -9 + 7x**

**-7**

1. **b + 5 = -5b + 5**

**0**

1. **x – 1 = 3x – 8 + 5x**

 1