**Solving Multi Step Equations Practice 2**

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

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

1. **5 = 5x – 23 + 2x**
2. **11x – 8 – 6x = 22**
3. **4(x + 6) = -7**
4. **-2(3x – 8) = 30**
5. **8x + 10 – 6x = 70**
6. **-2x – 8x = -20**
7. **– (-4x + 7) = 9**
8. **14 = -2(x – 4)**

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

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



**x = -2**$\frac{1}{3}$

**x = -7**$\frac{3}{4}$

**x = 30**

**x = 6**

**x = 4**

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1. **-2x – 8x = -20**

**2**

1. **– (-4x + 7) = 9**

**4**

1. **14 = -2(x – 4)**

-3