

Name \_\_\_\_\_

Date \_\_\_\_\_ Grade \_\_\_\_\_

### Solving Equations (two step problems) Worksheet 1

Solve for x in each problem.

1.)  $2x + 4 = 12$

2.)  $4x + 8 = 16$

3.)  $6x + 5 = 47$

4.)  $3 + 5x = 3$

5.)  $6x + 2 = 74$

6.)  $6x + 9 = 15$

7.)  $6x + 9 = 75$

8.)  $8 + 6x = 26$

9.)  $5x + 3 = 53$

10.)  $7x + 5 = 54$

11.)  $7 + 2x = 23$

12.)  $10 + 7x = 45$

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## Solving Equations (two step problems) Worksheet 2

Solve for x in each problem.

1.)  $7x + 4 = 46$

2.)  $4x + 2 = 42$

3.)  $4x + 9 = 17$

4.)  $2x + 1 = 1$

5.)  $4 + 6x = 16$

6.)  $6x + 9 = 45$

7.)  $2x + 4 = 24$

8.)  $7x + 8 = 29$

9.)  $6x + 6 = 36$

10.)  $7 + 6x = 19$

11.)  $3x + 2 = 2$

12.)  $3x + 9 = 45$

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**Solving Equations (two step problems-contains negatives)**  
**Worksheet 1**

Solve for x in each problem.

1.)  $4x - 6 = 30$

2.)  $5 + 2x = 13$

3.)  $-4x + 4 = -12$

4.)  $4 - 7x = -66$

5.)  $1 + 7x = 8$

6.)  $5x - 4 = 51$

7.)  $6x - 4 = -10$

8.)  $5x + 4 = 4$

9.)  $-2x + 3 = 11$

10.)  $6x - 6 = 48$

11.)  $3x + 5 = 35$

12.)  $7x + 2 = -68$

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**Solving Equations (two step problems-contains negatives)  
Worksheet 2**

Solve for x in each problem.

1.)  $-7x - 9 = -93$       2.)  $4x - 10 = 22$

3.)  $6x + 4 = -56$       4.)  $-3 + 7x = 4$

5.)  $6x + 6 = 48$       6.)  $5x + 4 = 59$

7.)  $4x + 1 = -11$       8.)  $3x + 6 = 42$

9.)  $-2x + 1 = -1$       10.)  $-6x + 10 = 46$

11.)  $-7x - 3 = -24$       12.)  $-4x + 4 = 16$

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### Answer Key

### Solving Equations (two step problems) Worksheet 2

- |     |    |     |    |
|-----|----|-----|----|
| 1.  | 6  | 2.  | 10 |
| 3.  | 2  | 4.  | 0  |
| 5.  | 2  | 6.  | 6  |
| 7.  | 10 | 8.  | 3  |
| 9.  | 5  | 10. | 2  |
| 11. | 0  | 12. | 12 |

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### Answer Key

### Solving Equations (two step problems) Worksheet 1

- |     |    |     |   |
|-----|----|-----|---|
| 1.  | 4  | 2.  | 2 |
| 3.  | 7  | 4.  | 0 |
| 5.  | 12 | 6.  | 1 |
| 7.  | 11 | 8.  | 3 |
| 9.  | 10 | 10. | 7 |
| 11. | 8  | 12. | 5 |

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### Answer Key

#### Solving Equations (two step problems-contains negatives) Worksheet 2

- |     |     |     |    |
|-----|-----|-----|----|
| 1.  | 12  | 2.  | 8  |
| 3.  | -10 | 4.  | 1  |
| 5.  | 7   | 6.  | 11 |
| 7.  | -3  | 8.  | 12 |
| 9.  | 1   | 10. | -6 |
| 11. | -24 | 12. | 16 |

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## Answer Key

### Solving Equations (two step problems-contains negatives) Worksheet 1

- |     |     |     |    |
|-----|-----|-----|----|
| 1.  | 9   | 2.  | -8 |
| 3.  | -8  | 4.  | -4 |
| 5.  | -9  | 6.  | 7  |
| 7.  | 2   | 8.  | 6  |
| 9.  | -12 | 10. | 9  |
| 11. | 2   | 12. | -4 |