Name: _____

Multi-Step Equations B

Solve each equation. Check your answer.

Learn: Distribute and combine like terms first. Then undo adding or subtracting, then undo multiplying.

Example: $5(x + 1) + 2 = 57$ $x =$ 10

1. $5x + 4x + 8 = 26$ $x =$ _____
2. $4x + 3x + 1 = 36$ $x =$ _____
3. $4(x + 1) - 1 = 19$ $x =$ _____
4. $5(x + 1) - 9 = 31$ $x =$ _____
5. $5x + 3x - 9 = 63$ $x =$ _____
6. $3x + 4x + 6 = 69$ $x =$ _____
7. $5x + 4x + 9 = 99$ $x =$ _____
8. $2x + 4x + 2 = 14$ $x =$ _____
9. $3x + 2x + 9 = 24$ $x =$ _____
10. $4(x + 3) - 4 = 20$ $x =$ _____
11. $3x + 2x + 2 = 17$ $x =$ _____
12. $2x + 4x + 3 = 15$ $x =$ _____

Name: **ANSWER KEY**

Multi-Step Equations B

Solve each equation. Check your answer.

Learn: Distribute and combine like terms first. Then undo adding or subtracting, then undo multiplying.

Example: $5(x + 1) + 2 = 57$ $x =$ 10

1. $5x + 4x + 8 = 26$ $x =$ 2
2. $4x + 3x + 1 = 36$ $x =$ 5
3. $4(x + 1) - 1 = 19$ $x =$ 4
4. $5(x + 1) - 9 = 31$ $x =$ 7
5. $5x + 3x - 9 = 63$ $x =$ 9
6. $3x + 4x + 6 = 69$ $x =$ 9
7. $5x + 4x + 9 = 99$ $x =$ 10
8. $2x + 4x + 2 = 14$ $x =$ 2
9. $3x + 2x + 9 = 24$ $x =$ 3
10. $4(x + 3) - 4 = 20$ $x =$ 3
11. $3x + 2x + 2 = 17$ $x =$ 3
12. $2x + 4x + 3 = 15$ $x =$ 2