

# Distributive Property Addition Worksheet

Name: \_\_\_\_\_

Date: \_\_\_\_\_

1

$$5(x + 5) =$$

$$4(x + 7) =$$

2

$$6(m + 6) =$$

$$7(a + 4) =$$

3

$$2[(4x + 1) + (5y + 6)] =$$

$$3[(2a + 4) + (3b + 2)] =$$

4

$$5(2n + 6) =$$

$$4(n + 5) =$$

5

$$5(a + 4) =$$

$$4[m + 2(m + 1)] =$$

6

$$6(b + 3) =$$

$$2[(3x + 5) + (4y + 1)] =$$

# Distributive Property Addition

## Worksheet

### Answer Key

Name: \_\_\_\_\_

Date: \_\_\_\_\_

1

$$5(x + 5) = 5x + 25$$

$$4(x + 7) = 4x + 28$$

2

$$6(m + 6) = 6m + 36$$

$$7(a + 4) = 7a + 28$$

3

$$2[(4x + 1) + (5y + 6)]$$

$$2(4x + 1 + 5y + 6) \\ = 8x + 10y + 14$$

$$3[(2a + 4) + (3b + 2)]$$

$$3(2a + 4 + 3b + 2) = \\ = 6a + 9b + 18$$

4

$$5(2n + 6) = 10n + 30$$

$$4(n + 5) = 4n + 20$$

5

$$5(a + 4) = 5a + 20$$

$$4[m + 2(m + 1)] =$$

$$4[m + 2m + 2] =$$

$$4(3m + 2) = 12m + 8$$

6

$$6(b + 3) = 6b + 18$$

$$2[(3x + 5) + (4y + 1)] =$$

$$2(3x + 5 + 4y + 1)$$

$$= 6x + 8y + 12$$