

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

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

# Printable Distributive Property Worksheet

Use the distributive property to simplify each expression

- $5(x + 3)$

-----

- $-2(4 - y)$

-----

- $3(a + 5) - 4(a - 2)$

-----

- $7(2x - 3) + 2(3x + 5)$

-----

- $6(y + 2) - 3(2y - 4)$

-----

- $x(4x - 5) + 3(x - 2)$

-----

- $2(3 - 2m) + 5(4m - 1)$

-----

- $-3(p + 4q) + 7p$

-----

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

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

# Printable Distributive Property Worksheet Answer Key

Use the distributive property to simplify each expression

•  $5(x + 3)$

**$5x + 15$**

•  $-2(4 - y)$

**$-8 + 2y$**

•  $3(a + 5) - 4(a - 2)$

**$3a + 15 - 4a + 8 = -a + 23$**

•  $7(2x - 3) + 2(3x + 5)$

**$14x - 21 + 6x + 10 = 20x - 11$**

•  $6(y + 2) - 3(2y - 4)$

**$6y + 12 - 6y + 12 = 24$**

•  $x(4x - 5) + 3(x - 2)$

**$4x^2 - 5x + 3x - 6 = 4x^2 - 2x - 6$**

•  $2(3 - 2m) + 5(4m - 1)$

**$6 - 4m + 20m - 5 = 16m + 1$**

•  $-3(p + 4q) + 7p$

**$-3p - 12q + 7p = 4p - 12q$**