

# Distributive Hmwk #1

Teacher : \_\_\_\_\_

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

## Simplifying Algebraic Expressions

1)  $6(-5h - 8)$

6)  $-6(5 + 3p)$

2)  $7(-9g + 4)$

7)  $4(3r + 6)$

3)  $5(6q - 3)$

8)  $5(-8 + 2b)$

4)  $9(5 + 3f)$

9)  $-8(7k + 9)$

5)  $7(6 - 8g)$

10)  $8(-5 - 9z)$



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

Score : \_\_\_\_\_

Teacher : \_\_\_\_\_

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

### Simplifying Algebraic Expressions

$$\begin{aligned} 1) \quad & 6(-5h - 8) \\ & = -30h - 48 \end{aligned}$$

$$\begin{aligned} 6) \quad & -6(5 + 3p) \\ & = -30 - 18p \end{aligned}$$

$$\begin{aligned} 2) \quad & 7(-9g + 4) \\ & = -63g + 28 \end{aligned}$$

$$\begin{aligned} 7) \quad & 4(3r + 6) \\ & = 12r + 24 \end{aligned}$$

$$\begin{aligned} 3) \quad & 5(6q - 3) \\ & = 30q - 15 \end{aligned}$$

$$\begin{aligned} 8) \quad & 5(-8 + 2b) \\ & = -40 + 10b \end{aligned}$$

$$\begin{aligned} 4) \quad & 9(5 + 3f) \\ & = 45 + 27f \end{aligned}$$

$$\begin{aligned} 9) \quad & -8(7k + 9) \\ & = -56k - 72 \end{aligned}$$

$$\begin{aligned} 5) \quad & 7(6 - 8g) \\ & = 42 - 56g \end{aligned}$$

$$\begin{aligned} 10) \quad & 8(-5 - 9z) \\ & = -40 - 72z \end{aligned}$$

