

# COMBINING LIKE TERMS WORKSHEETS



Name :

Date :

Directions: Combine like terms to simplify each expression

1.  $2x(2x + 4) + 3x$

6.  $-3(-4p + 6z) + 7p$

2.  $-f(2f + 3) + 10f$

7.  $4(7n - 9p - 3) + 4p$

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

8.  $3x - 4x(-7x + 9y - 2)$

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

9.  $10 + 5(6 + 7p)$

5.  $12h + 2h(-8h-5)$

10.  $2(w - 3) + 5w + 7$



Directions: Combine like terms to simplify each expression

1.  $2x(2x + 4) + 3x$

$$2x^2 + 8x + 3x$$

$$2x^2 + 11x$$

2.  $-f(2f + 3) + 10f$

$$-2f^2 - 3f + 10f$$

$$-2f^2 + 7f$$

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

$$2a^2 + 10a - 5a$$

$$2a^2 + 5a$$

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

$$5 + 6x + 15x$$

$$5 + 21x$$

5.  $12h + 2h(-8h-5)$

$$12h + -16h^2 - 10h$$

$$2h - 16h^2$$

6.  $-3(-4p + 6z) + 7p$

$$12p - 18z + 7p$$

$$19p - 18z$$

7.  $4(7n - 9p - 3) + 4p$

$$28n - 36p - 12 + 4p$$

$$28n - 32p - 12$$

8.  $3x - 4x(-7x + 9y - 2)$

$$3x + 28x^2 - 36y^2 - 8x$$

$$28x^2 - 36y^2 - 5x$$

9.  $10 + 5(6 + 7p)$

$$10 + 30 + 35p$$

$$40 + 35p$$

10.  $2(w - 3) + 5w + 7$

$$2w - 6 + 5w + 7$$

$$7w + 1$$