

NAME: _____

PERIOD: _____

DISTRIBUTION

COMBINE LIKE TERMS

Homework!! #3

EXAMPLE

Multiply what is on the outside of the parenthesis times everything inside the parenthesis.

EXAMPLE

EX: $-5x - 1 - 6x + 5$
 $-5x - 1 - 6x + 5$ Identify the variables & the constants

EX: $8(-9x - 9) - 72x - 72$ ANSWER

$-11x + 4 + 4$ Combine for your ANSWER

- (1) $6(7x + 6)$ $42x + 36$
- (2) $4(-4x - 8)$ _____
- (3) $3(9x + 1)$ _____
- (4) $-8(-6x + 4)$ _____
- (5) $2(2x + 9)$ _____
- (6) $-2(-9x - 9)$ _____
- (7) $7(8x - 1)$ _____
- (8) $-8(-4x + 1)$ _____
- (9) $3(9x - 8)$ _____
- (10) $-6(-3x - 3)$ _____

- (1) $6x + 5 - 9x + 0 = -3x + 5$
- (2) $-2x - 4 + 9x - 8$ _____
- (3) $9x + 6 - 7x + 4$ _____
- (4) $-3x - 3 + 8x - 4$ _____
- (5) $2x + 6 - 4x - 5$ _____
- (6) $-8x - 7 + 4x + 0$ _____
- (7) $6x + 7 - 9x + 2$ _____
- (8) $-9x - 2 + 4x + 2$ _____
- (9) $9x + 5 - 4x - 9$ _____
- (10) $-3x - 4 + 4x + 1$ _____