NAME _____   DATE _____

COMBINE LIKE TERMS: Worksheet 4

Simplify by combining like terms.

1) $2x + 15x$

2) $8y - 7t - 5y$

3) $-6w + 3x + 4w + x$

4) $3f - 8g - 10 - 5g$

5) $x + 14 - 6x + 2$

6) $4(x - 9) - 6x$

7) $8(x + 7) + 5(2x + 1)$

8) $-11(y + 1) + 3(4y + 3)$

9) $6(t - 3) - 3(t - 3)$

10) $-5(z - 1) + 3(4z + 2)$

KEY
COMBINE LIKE TERMS: Worksheet 4

Simplify by combining like terms.

1) $2x + 15x$

$2x + 15x =$
$17x$

2) $8y - 7t - 5y$

$8y - 7t - 5y =$
$3y - 7t$

3) $-6w + 3x + 4w + x$

$-6w + 3x + 4w + x =$
$-2w + 4x$

4) $3f - 8g - 10 - 5g$

$3f - 8g - 10 - 5g =$
$3f - 13g - 10$

5) $x + 14 - 6x + 2$

$x + 14 - 6x + 2 =$
$-5x + 16$

6) $4(x - 9) - 6x$

$4(x - 9) - 6x =$
$4x - 36 - 6x =$
$-2x - 36$

7) $8(x + 7) + 5(2x + 1)$

$8(x + 7) + 5(2x + 1) =$
$8x + 56 + 10x + 5 =$
$18x + 61$

8) $-11(y + 1) + 3(4y + 3)$

$-11(y + 1) + 3(4y + 3) =$
$-11y - 11 + 12y + 9 =$
$y - 2$

9) $6(t - 3) - 3(t - 3)$

$6(t - 3) - 3(t - 3) =$
$6t - 18 - 3t + 9 =$
$3t - 9$

10) $-5(z - 1) + 3(4z + 2)$

$-5(z - 1) + 3(4z + 2) =$
$-5z + 5 + 12z + 6 =$
$7z + 11$