# Jmath.net

COMBINE LIKE TERMS: Worksheet 1

Simplify by combining like terms.

1)  $3x + 8x$

2)  $7y + 8t - 4y$

3)  $-2w + 9x + 12w - 7x$

4)  $5f - 6g + 7 - 7g$

5)  $13x + 9 - 15x + 3$

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

7)  $8(x - 6) + 2(x + 3)$

8)  $-3(y + 4) + 7(2y - 5)$

9)  $5(t - 5) - 4(t + 1)$

10)  $8(z + 3) + 2(4z - 5)$

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KEY
COMBINE LIKE TERMS: Worksheet 1

Simplify by combining like terms.

1)  $3x + 8x$  

$3x + 8x =$
$11x$

2)  $7y + 8t - 4y$  

$7y + 8t - 4y =$
$3y + 8t$

3)  $-2w + 9x + 12w - 7x$  

$-2w + 9x + 12w - 7x =$
$10w + 2x$

4)  $5f - 6g + 7 - 7g$  

$5f - 6g + 7 - 7g =$
$5f - 13g + 7$

5)  $13x + 9 - 15x + 3$  

$13x + 9 - 15x + 3 =$
$-2x + 12$

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

$5(x + 2) - 2x =$
$5x + 10 - 2x =$
$3x + 10$

7)  $8(x - 6) + 2(x + 3)$  

$8(x - 6) + 2(x + 3) =$
$8x - 48 + 2x + 6 =$
$10x - 42$

8)  $-3(y + 4) + 7(2y - 5)$  

$-3(y + 4) + 7(2y - 5) =$
$-3y - 12 + 14y - 35 =$
$11y - 47$

9)  $5(t - 5) - 4(t + 1)$  

$5(t - 5) - 4(t + 1) =$
$5t - 25 - 4t - 4 =$
$t - 29$

10)  $8(z + 3) + 2(4z - 5)$  

$8(z + 3) + 2(4z - 5) =$
$8z + 24 + 8z - 10 =$
$16z + 14$