



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

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

## Combining Like Terms

1.  $-3y + 8y - 2y + 6y$

2.  $3x + 3y + 2z + 5w - 4x + 1y - 4z$

3.  $7y - 5y + 6y - 5y + 3y + 12 - 2$

4.  $-8n + 9n - 5n + 7n$

5.  $2x + 5y + 3z + 2w - 3x + 3y - 2z$

6.  $7x + 2y + 3z + 1w - 2x + 2y - 1z$

7.  $-7y + 7y - 5y + 7y$

8.  $5x - 4x + 5x - 5x + 6x + 8 - 4$



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## Combining Like Terms

9.  $7x + 6y + 2z + 5w - 1x + 1y - 1z$

10.  $9x - 4y + 15 - 4x + 7z + 6y - 4 + 4x$



## Combining Like Terms – Answer Key

1.  $-3y + 8y - 2y + 6y$   
 $9y$

2.  $3x + 3y + 2z + 5w - 4x + 1y - 4z$   
 $-1x + 4y + -2z + 5w$

3.  $7y - 5y + 6y - 5y + 3y + 12 - 2$   
 $6y + 10$

4.  $-8n + 9n - 5n + 7n$   
 $3n$

5.  $2x + 5y + 3z + 2w - 3x + 3y - 2z$   
 $-1x + 8y + 1z + 2w$

6.  $7x + 2y + 3z + 1w - 2x + 2y - 1z$   
 $5x + 4y + 2z + 1w$

7.  $-7y + 7y - 5y + 7y$   
 $2y$

8.  $5x - 4x + 5x - 5x + 6x + 8 - 4$   
 $7x + 4$



## Combining Like Terms – Answer Key

9.  $7x + 6y + 2z + 5w - 1x + 1y - 1z$

$6x + 7y + 1z + 5w$

10.  $9x - 4y + 15 - 4x + 7z + 6y - 4 + 4x$

$9x + 2y + 7z + 11$