



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. $9x - 4y + 15 - 4x + 7z + 6y - 4 + 4x$
 $9x + 2y + 7z + 11$