



Name: _____

Date: _____

Algebra 1 – Unit 1 – Combining Like Terms (Challenge)

1. $2y - 3y + 3y - 5y + 3y + 3 - 5$

2. $-4x + 7x - 4x + 4x$

3. $-4y + 4y - 6y + 3y$

4. $5x - 4y + 11 - 2x + 5z + 8y - 4 + 6x$

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

6. $8x - 4y + 15 - 3x + 2z + 3y - 5 + 6x$

7. $3x - 4y + 13 - 6x + 4z + 4y - 5 + 5x$

8. $4a - 4a + 7a - 4a + 4a + 4 - 8$



Algebra 1 – Unit 1 – Combining Like Terms (Challenge) – Answer Key

1. $2y - 3y + 3y - 5y + 3y + 3 - 5$
 $0y - 2$

2. $-4x + 7x - 4x + 4x$
 $3x$

3. $-4y + 4y - 6y + 3y$
 $-3y$

4. $5x - 4y + 11 - 2x + 5z + 8y - 4 + 6x$
 $9x + 4y + 5z + 7$

5. $4x + 6y + 3z + 1w - 3x + 4y - 3z$
 $1x + 10y + 0z + 1w$

6. $8x - 4y + 15 - 3x + 2z + 3y - 5 + 6x$
 $11x - 1y + 2z + 10$

7. $3x - 4y + 13 - 6x + 4z + 4y - 5 + 5x$
 $2x + 0y + 4z + 8$

8. $4a - 4a + 7a - 4a + 4a + 4 - 8$
 $7a - 4$