



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

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

## Algebra 1 – Unit 1 – Combining Like Terms (Hard)

1.  $5x - 2x + 7 + 5x - 5$

6.  $5x + 4y + 4x + 3y$

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

7.  $4x - 2x + 8 + 6x - 5$

3.  $5x + 2y + 7x + 5y$

8.  $7x - 6x + 6 + 1x - 6$

4.  $5x - 3x + 5 + 5x - 1$

9.  $3x + 2y + 4z + 1x + 4y$

5.  $1x + 5y + 6x + 4y$

10.  $3x + 5y + 1z + 1x + 4y$



# Algebra 1 – Unit 1 – Combining Like Terms (Hard) – Answer Key

1.  $5x - 2x + 7 + 5x - 5$

$x = 0$

6.  $5x + 4y + 4x + 3y$

$x = 0$

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

$x = 0$

7.  $4x - 2x + 8 + 6x - 5$

$x = 0$

3.  $5x + 2y + 7x + 5y$

$x = 0$

8.  $7x - 6x + 6 + 1x - 6$

$x = 0$

4.  $5x - 3x + 5 + 5x - 1$

$x = 0$

9.  $3x + 2y + 4z + 1x + 4y$

$x = 0$

5.  $1x + 5y + 6x + 4y$

$x = 0$

10.  $3x + 5y + 1z + 1x + 4y$

$x = 0$