



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

$x = 0$