Name: _____ Date: _____

Fresh Math

Combining Like Terms - Medium

Simplify each expression by combining like terms.

1. $2x + 6y + 5x - 2y$
2. $7x + 8y + 6x - 2y$
3. $2x + 2y - 3x - 5y$
4. $2x + 6y + 5x - 5y$
5. $3x + 8y - 3x - 4y$
6. $7x + 6y - 2x - 6y$
7. $7x + 3y + 6x - 3y$
8. $5x + 2y + x - 2y$
9. $2x + 6y + 4x - 6y$
10. $8x + y - 5x + 3y$

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Combining Like Terms - Medium

Simplify each expression by combining like terms.

11. $2x + y + 3x + 2y$

12. $7x + 3y - 6x - 6y$

13. $7x + 5y + 2x + 2y$

14. $5x + 3y - 3x + y$

15. $3x + 4y - 6x + 5y$

16. $5x + 5y - 2x + 2y$

17. $8x + 8y + 6x + 2y$

18. $2x + 5y - x - 5y$

19. $2x + 2y - x + 3y$

20. $4x + 6y + 3x + 4y$

Combining Like Terms - Medium - Answer Key

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

2. $7x + 8y + 6x - 2y$
   $13x + 6y$

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

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

5. $3x + 8y - 3x - 4y$
   $4y$

6. $7x + 6y - 2x - 6y$
   $5x$

7. $7x + 3y + 6x - 3y$
   $13x$

8. $5x + 2y + x - 2y$
   $6x$

9. $2x + 6y + 4x - 6y$
   $6x$

10. $8x + y - 5x + 3y$
    $3x + 4y$

Combining Like Terms - Medium - Answer Key

11. $2x + y + 3x + 2y$
    $5x + 3y$

12. $7x + 3y - 6x - 6y$
    $x - 3y$

13. $7x + 5y + 2x + 2y$
    $9x + 7y$

14. $5x + 3y - 3x + y$
    $2x + 4y$

15. $3x + 4y - 6x + 5y$
    $-3x + 9y$

16. $5x + 5y - 2x + 2y$
    $3x + 7y$

17. $8x + 8y + 6x + 2y$
    $14x + 10y$

18. $2x + 5y - x - 5y$
    x

19. $2x + 2y - x + 3y$
    $x + 5y$

20. $4x + 6y + 3x + 4y$
    $7x + 10y$