

Combining like terms

Name _____ Date _____

Easy: One variable and constants · Grade 6

Simplify each expression by combining like terms.

1. $8x + 5 + 3 + 9x$

= _____

2. $3 + 9 + 9x + 2x$

= _____

3. $5x + 3 + 9x$

= _____

4. $2x + 9 + x + 3$

= _____

5. $9 - 2x + 2 + 8x$

= _____

6. $8 + 6x + 7x$

= _____

7. $8x + 2 + 9 + 9x$

= _____

8. $11 + 6x + 7x + 4$

= _____

9. $2 + 4x + 5x$

= _____

10. $5x + 5x + 4 + 4$

= _____

11. $1 + 6x + 5x + 11$

= _____

12. $7 + 7x + 9x$

= _____

13. $9x + 5x + 12$

= _____

14. $6 + x + 11 + 6x$

= _____

15. $7 + 5x + 5 + 7x$

= _____

16. $12 - 4x + 8x$

= _____

Combining like terms — answer key

Set 101

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Simplify each expression by combining like terms.

1. $8x + 5 + 3 + 9x$

$= 17x + 8$

2. $3 + 9 + 9x + 2x$

$= 11x + 12$

3. $5x + 3 + 9x$

$= 14x + 3$

4. $2x + 9 + x + 3$

$= 3x + 12$

5. $9 - 2x + 2 + 8x$

$= 6x + 11$

6. $8 + 6x + 7x$

$= 13x + 8$

7. $8x + 2 + 9 + 9x$

$= 17x + 11$

8. $11 + 6x + 7x + 4$

$= 13x + 15$

9. $2 + 4x + 5x$

$= 9x + 2$

10. $5x + 5x + 4 + 4$

$= 10x + 8$

11. $1 + 6x + 5x + 11$

$= 11x + 12$

12. $7 + 7x + 9x$

$= 16x + 7$

13. $9x + 5x + 12$

$= 14x + 12$

14. $6 + x + 11 + 6x$

$= 7x + 17$

15. $7 + 5x + 5 + 7x$

$= 12x + 12$

16. $12 - 4x + 8x$

$= 4x + 12$