

- Integers, Equations & Inequalities
- Rational Numbers, Proportions & Similarity
- Linear & Nonlinear Functions
- Two- & Three-Dimensional Space
- Data Analysis & Probability

On Simple Terms

Example

Simplify the expression $2 + 3x + 1 + 2x$.

Use the Commutative Property. $2 + 3x + 1 + 2x = 3x + 2x + 2 + 1$

Use the Distributive Property. $= (3 + 2)x + (2 + 1)$

Simplify. $= 5x + 3$

Simplify the expression.

1 $5x + 3 + 2x + 1$

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

3 $14x + 3y - 8x + 7$

4 $x + 12x - 2x$

5 $4 + 2x - 3y + 5x + 6y - 2$

6 $2xy + 7x - 6xy + 2x - 9x$

7 $3x - 2 - 3x + 7$

8 $8x - 4y - 2x - 3 + 7y$

9 $-2xy - 3xy$

10 $5 + 7x - 3 + 3x - 2$

11 $4 - 2x + 3y + 5 + 6x - 2y$

12 $4xy - 2x + 8x - 4xy + 5 - 5x$

Answer Box

A $4x + y + 9$	B $7x + 3y + 2$	C $11x$	D $10x$	E $6x + 3y - 3$	F $x + 5$
G $6x + 3y + 7$	H $-5xy$	I 5	J $7x + 4$	K $-4xy$	L $6x - 10y$

