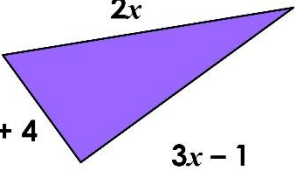


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**15**  
**SIMPLIFY**  
 the expression:  
 $3(2x - 3)$

**17**  
**SIMPLIFY**  
 the expression:  
 $2(x + 7) - (x - 1)$

**14**  
**GIVE THE PERIMETER**  
 as a simplified expression



**ANSWER**

**SIMPLIFYING EXPRESSIONS BINGO!**

$-8x - 1$	$6x + 3$	$-x + 3$	$2x + 12$	$-16x$
$2x - 1$	$-13x - 7$	$-5$	$-3x - 18$	$12x - 4$
$15x + 18$	$11x + 26$	$-12x + 10$	$11x + 15$	$6x + 8$
$-x - 4$	$-5x + 3$	$2x - 7$	$12x + 8$	$16x + 10$
$7x + 3$	$-18x - 6$	$-7x - 12$	$-6x - 27$	$2x - 14$

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# Simplifying EXPRESSIONS

POWERPOINT BINGO

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**ALGEBRA**<sup>®</sup>



# SIMPLIFYING EXPRESSIONS

## PowerPoint Bingo!

**Objective:** Students will practice simplifying expressions by distributing and combining like terms with this PowerPoint Bingo Game. Distributing negatives and fractions is included, as well as a few perimeter application problems. There are 25 total problems included in this game.

**Directions:**

- 1) Distribute a student recording worksheet and bingo board to each student. There are 30 boards included; if you have more than 30 students, simply repeat a board.
- 2) Open the PowerPoint game to run. Click on any circle to choose a problem. Students love coming up to the board (or computer) to select a problem, too! Students simplify the expression at their desk on their worksheet. You can also choose to work through the problems with the students as they come up, or choose a student to work the problem at the board while the other students work at their desk.
- 3) Click "Answer" to display the answer. Students look for this answer on their bingo board and cross it off. Click back to return to the bingo circles screen and repeat until there is a winner. There are only 16 problems on the worksheet because there is almost always a winner by this point. If you need to keep going, they can continue their work on the back of the recording paper. I play until there are multiple winners.

A student wins if they get 5 in a row, column, or diagonal. I typically awarded lollipops 😊.

**SIMPLIFYING Expressions B•I•N•G•O**

**SIMPLIFY the expression:**  
 $3(2x + 2) - 2(2x - 1)$   
 ANSWER

**SIMPLIFY the expression:**  
 $2(6x + 7) - (x - 1)$   
 ANSWER

**SIMPLIFY the expression:**  
 $-8(2x - 5) + 6(3x - 9)$   
 ANSWER

**GIVE THE PERIMETER as a simplified expression:**

Diagram of a triangle with sides labeled  $2x$ ,  $x + 4$ , and  $3x - 1$ .  
 ANSWER

**SIMPLIFYING EXPRESSIONS BINGO!**

$-8x - 1$	$6x + 3$	$-x + 3$	$2x + 12$	$-16x$
$2x - 1$	$-13x - 7$	$-5$	$-3x - 18$	$12x - 4$
$15x + 18$	$11x + 26$	$-12x + 10$	$11x + 15$	$6x + 8$
$-x - 4$	$-5x + 3$	$2x - 7$	$12x + 8$	$16x + 1$
$7x + 3$	$-18x - 6$	$-7x - 12$	$-6x - 27$	$2x - 14$