

Algebra BINGO



Standard: MCC9-12.A.SSE.1a: Interpret expressions that represent a quantity in terms of its contents.

Materials:

- *Bingo Cards, one per pair or per player
- *Possible square answer sheet
- *Bingo Markers (construction paper torn into bits works great)
- *Expression Cards in "English word form"
- *Answer key for checking

Directions for Activity:

1. Have each pair of students select and write an expression, from the Possible Square Answer Sheet in each of the squares on their blank BINGO card. They may place the word FREE in the middle.
2. The Leader then pulls an Expression Card and reads it to the group.
3. If a pair believes they have a match, they put their hands on their shoulders and say match. They then tell the pair next to them why they believe it is a match. If the pair agrees, then they place a marker on that square.
4. Play continues until one pair has a BINGO or until there are multiple BINGOs.
5. A pair who makes a BINGO receives 10 points.
6. At the end of the game, any pair who can explain why their answers are correct to another pair wins a point for each correctly marked square.
7. Boards may be cleared off and cards exchanged.
8. The process continues as time allows.

CHALLENGE: Create more expressions that are more difficult.

Algebra BINGO



$2y^2$	$\frac{y}{3}$	$6y$	$3 + y$	$-y - 3$
$2y - 4$	$y^2 + 4$	$2y + 5$	$\frac{y}{4}$	$3y$
$y + 2$	$-6y$	FREE	$3y + 2$	$y - 3$
$y - 5$	$2y + 2$	$\frac{y}{-3}$	$2y + 3$	$2y$
y^2	$2y + 4$	y^3	$4y - 3$	$6 - y$

Algebra BINGO



$2y + 4$	$y - 3$	$y^2 + 4$	$2y^2$	y^2
$2y$	$2y + 3$	$\frac{y}{-3}$	$2y + 2$	$y - 5$
$3y + 2$	$-6y$	FREE	$y + 2$	y^3
$\frac{y}{4}$	$2y + 5$	$2y - 4$	$-y - 3$	$3 + y$
$6y$	$\frac{y}{3}$	$3y$	$4y - 3$	$6 - y$

Algebra BINGO



y^2	$3y + 2$	$2y - 4$	$2y$	$-6y$
$-y - 3$	$y + 2$	$2y + 3$	$6 - y$	$\frac{y}{-3}$
$3y$	$3 + y$	FREE	$4y - 3$	$2y + 2$
$\frac{y}{4}$	$6y$	y^3	$y - 5$	$2y + 5$
$\frac{y}{3}$	$2y + 4$	$y - 3$	$y^2 + 4$	$2y^2$

2 times y squared

the product of 6 and y

y squared plus 4

the sum of 3 and y

the quotient of y and 3

the difference of 6 and y

the sum of y and 2

the sum of $2y$ and -4

The difference of $-y$
and 3

y cubed

3 less than y

2 times y increased by 5

y divided by 4

y divided by -3

the product of 3 and y

the product of 2 and y
plus 2

twice y

3 more than 2 times y

3 less than 4 times y

-6 times y

y decreased by 5

3 times y plus 2

y squared

4 more than twice y