

“Expressions B-I-N-G-O”

Objective:

By the end of the lesson/activity, the students will be able to:

- Translate between algebraic and verbal expressions.

Materials:

- “Math BINGO Board” or “Math BINGO Board 2 Count” activity sheet
- Counters

Teacher Preparation:

- You may allow the students to work individually or in pairs.
- Cut the activity sheets and provide the students with counters.

Introduction of Game:

Allow the students to choose to write one answer in each box, and no answer may be duplicated. Explain to the students that they must get 5 answers in a row horizontally, vertically, or diagonally.

Directions:

1. Have the students follow along as you read the directions aloud.
2. Randomly assign students to a problem or allow them to predict and choose the player they think will win.
3. Allow the students to have fun with the activity as you monitor and ask questions throughout.

South Carolina College- and Career-Ready Standards for Mathematics:

6.EE.2 Extend the concepts of numerical expressions to algebraic expressions involving positive rational numbers.

1. Translate between algebraic expressions and verbal phrases that include variables.
2. Investigate and identify parts of algebraic expressions using mathematical terminology, including term, coefficient, constant, and factor.
3. Evaluate real-world and algebraic expressions for specific values using the Order of Operations. Grouping symbols should be limited to parentheses, braces, and brackets. Exponents should be limited to whole-numbers.

Extension:

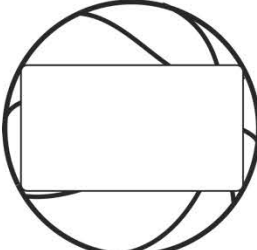
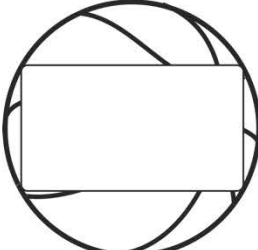
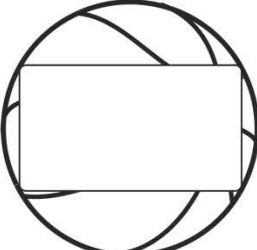
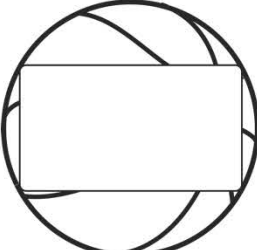
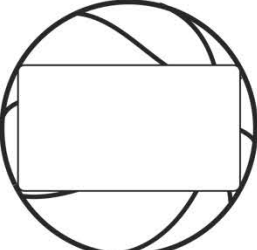
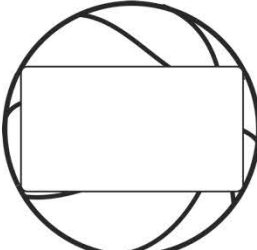
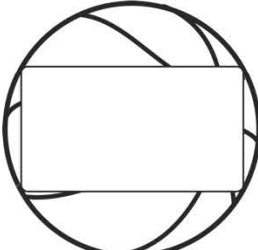
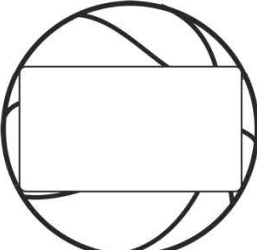
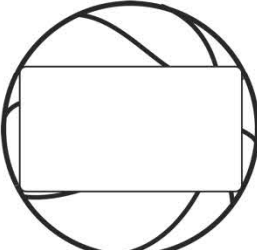
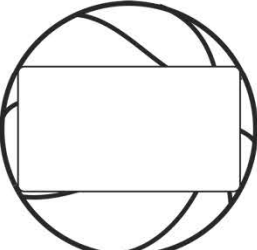
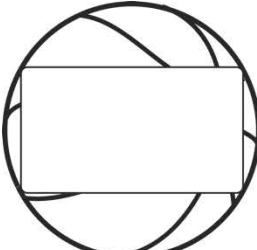
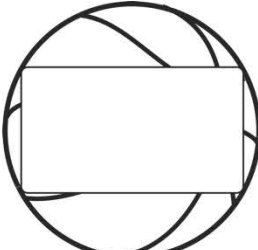
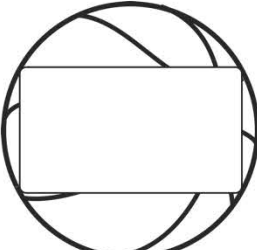
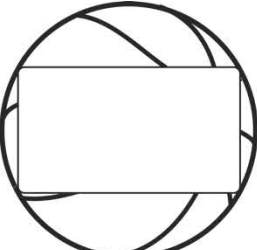
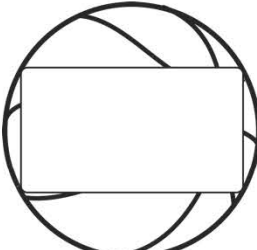
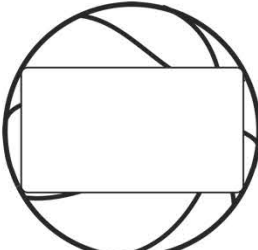
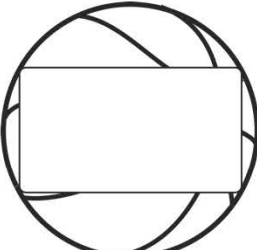
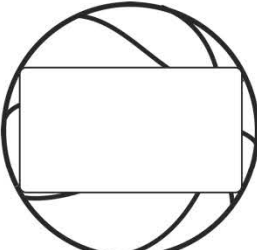
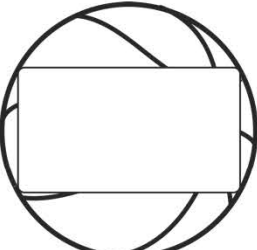
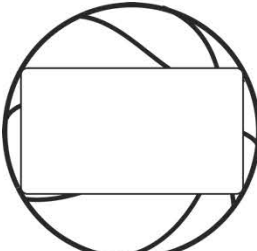
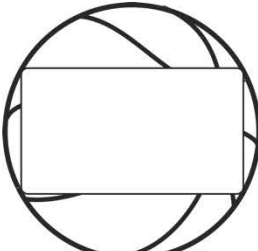
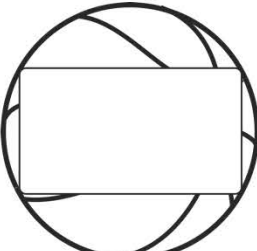
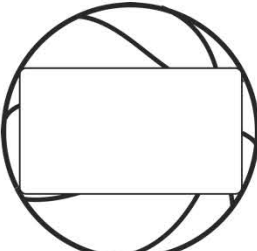
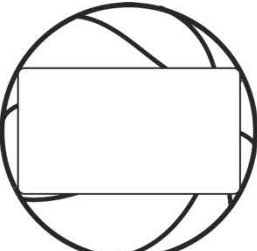
- Allow the students to complete the same activity but have them write verbal phrases from a teacher made list. Then the teacher can give the algebraic expressions for the student to match. Try using problems that are most commonly missed, such as, less than, quotient, etc.



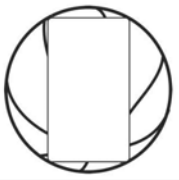
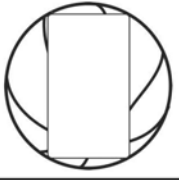
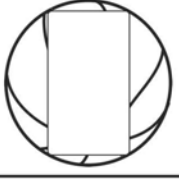
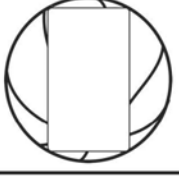
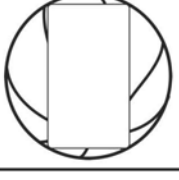
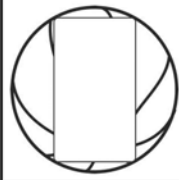
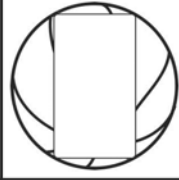
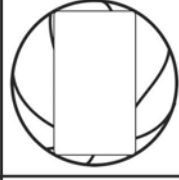
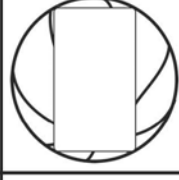
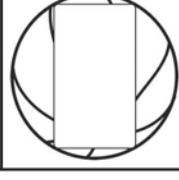
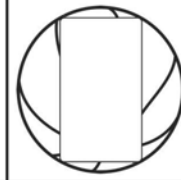
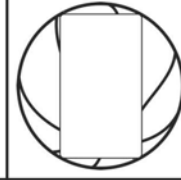
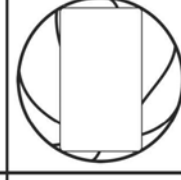
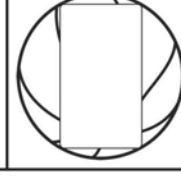
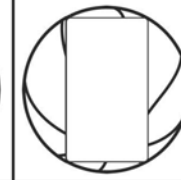
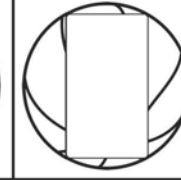
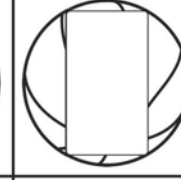
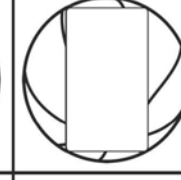
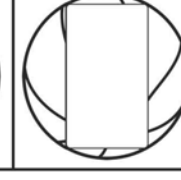
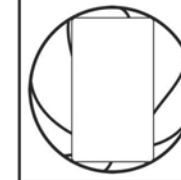
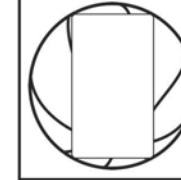
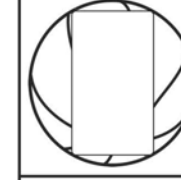
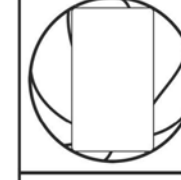
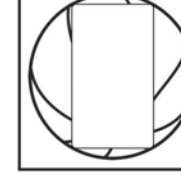
Math B-I-N-G-O Teacher List

Verbal Phrases	Answer Key (Algebraic Expressions)
3 less than 6 times a number	$6x - 3$
6 minus a number	$6 - z$
A number divided by 5	$x / 5$
5 more than the product of 3 and number	$3x + 5$
The sum of z and 5	$z + 5$
The product of a number and 3	$3x$
4 times a number	$4x$
3 less than a number	$x - 3$
The difference of 6 and a number	$6 - y$
The quotient of 3 and a number	$3 / x$
2 times the difference of a number and 5	$2(z - 5)$
A number divided by 6	$y \div 6$
3 times 5 more than a number	$3(y + 5)$
The sum of 3 and 7 times a number	$3 + 7y$
2 times 4 more than a number	$2(y + 4)$
7 less than the product of 2 and a number	$2x - 7$
The product of 7 and a number	$7 \cdot z$
A number plus 3	$x + 3$
A number fewer than 2	$2 - z$
3 times 4 less than a number	$3(y - 4)$
The product of 6 and a number	$z \cdot 6$
Twice the difference of 5 and a number	$2(5 - z)$
The quotient of 7 and a number	$7 \div y$
3 times a number plus 6	$3(y + 6)$
Twice a number fewer than 7	$7 - 2z$
6 divided by a number	$6 / y$

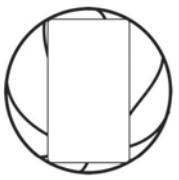
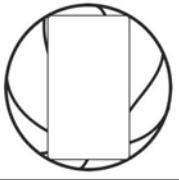
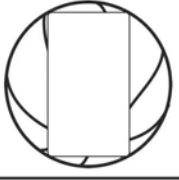
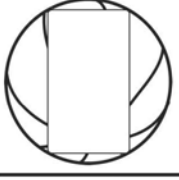
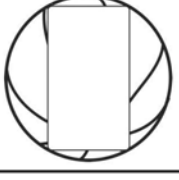
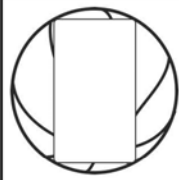
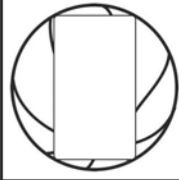
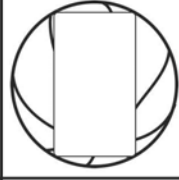
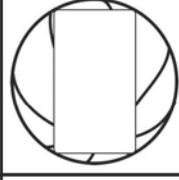
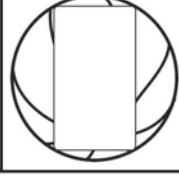
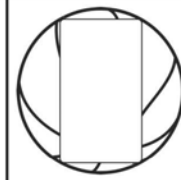
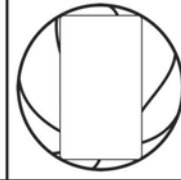
Math B-I-N-G-O Board

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