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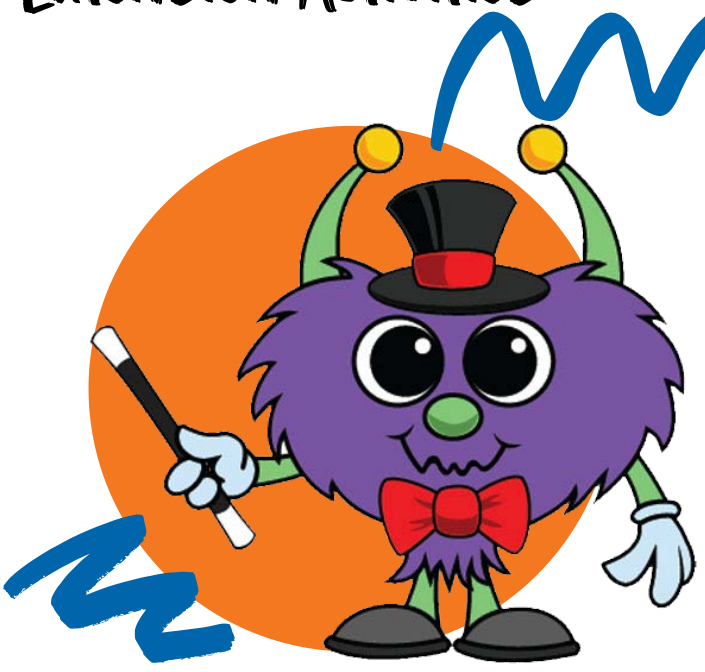
Expressions Can Be Equal

Episode #202

MATH MIGHTS

Extension Activities



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SIS 4 TEACHERS
Strategic Intervention Solutions

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Equal Sum Duel

Materials: equal sum cards (cut out)

Directions:

1. Mix up the cards and scatter them facedown on the table.
2. Player 1 flips over 2 cards. If the sum of both the cards shown is equal you may keep the cards. If the sums are not equal you must turn the cards facedown again.
3. Player 1 must explain his/her thinking with the following statements:

"The sum of ____ + ____ is equal to the sum of ____ + ____ because …."

Or

"The sum of ____ + ____ is not equal to the sum of ____ + ____ because …."

4. Continue taking turns until all the pairs with equal sums have been found. The player with the most pairs wins!

Example:

3 + 5	7 + 2

"The sum of 3 + 5 is not equal to the sum of 7 + 2 because 3 + 5 = 8 and 7 + 2 = 9. I know that 8 and 9 are not equal."

4 + 2	4 + 2	3 + 2
4 + 1	5 + 2	4 + 3
4 + 4	8 + 2	2 + 6
4 + 5	6 + 3	4 + 6

1 + 2	0 + 3	5 + 0
1 + 4	2 + 5	1 + 6
3 + 5	7 + 1	2 + 7
4 + 5	3 + 7	6 + 4

"The sum of ____ + ____ is equal to the sum of ____ + ____ because..."	"The sum of ____ + ____ is not equal to the sum of ____ + ____ because ..."
"The sum of ____ + ____ is equal to the sum of ____ + ____ because ..."	"The sum of ____ + ____ is not equal to the sum of ____ + ____ because ..."

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