

Add Up To Five Bingo

Notes

Level: Advanced

Recommended Number of Players: 2-5

Math Skills: Missing addends (to 12)

Notes:

This is a very simple family of games. One reason it is good for children is that all children get to participate actively throughout the game. That is, even though children take turns turning over the card and announcing the number, all children get to place a marker on the number that is called at each turn.

This family of games involves missing addends for sums from 4 through 12. It is a good alternative to drilling children on sums.

Another challenge is for children to decenter from thinking only about horizontal and vertical rows, to consider the diagonal. Children have the opportunity to reason spatially when they have more than one of the same number on their board and they must decide which number is more likely to help them achieve 5 in a row.

Adapted from: Kamii, C. & Housman, L. (1999). *Young Children Reinvent Arithmetic: Implications of Piaget's Theory*, Second Edition. New York: Teachers College Press.

Add Up To Five Bingo

Rules

Materials:

- *Add Up To Five Bingo* game boards (one per player)
- 24 triangle cards (the sum is always written in one corner in red)
- Approximately 100 transparent or semi-transparent chips

Objective: The goal of *Add Up To Five Bingo* is to be the first person to get 5 chips in a row vertically, horizontally, or diagonally.

To Play:

1. Decide which player will go first.
2. The first player draws a card.
3. The player then decides what number added to the blue number would make 5. (For example, if the blue number on the card is a 2, the player must decide what number added to 2 will make 5.)
4. Once the player figures out what that number is, he or she announces it and all of the players with that number on their board cover it up with a chip. You may only cover one number per player.
5. The winner is the first person to have 5 chips in a row vertically, horizontally, or diagonally.

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Add-Up-To-Five BINGO

1	3	5	2	1
4	1	0	5	3
1	3	4	2	0
5	2	0	1	4
3	0	2	5	4

Add-Up-To-Five BINGO

1	3	2	4	5
2	5	0	1	3
0	4	3	2	4
2	3	4	0	1
1	2	5	0	5

Add-Up-To-Five BINGO

0	4	5	2	3
1	3	1	3	4
4	3	5	0	2
5	2	4	5	3
0	2	1	0	1

Add-Up-To-Five BINGO

0	5	1	3	5
1	2	4	2	0
5	4	1	3	1
0	2	3	0	5
4	3	4	4	2

