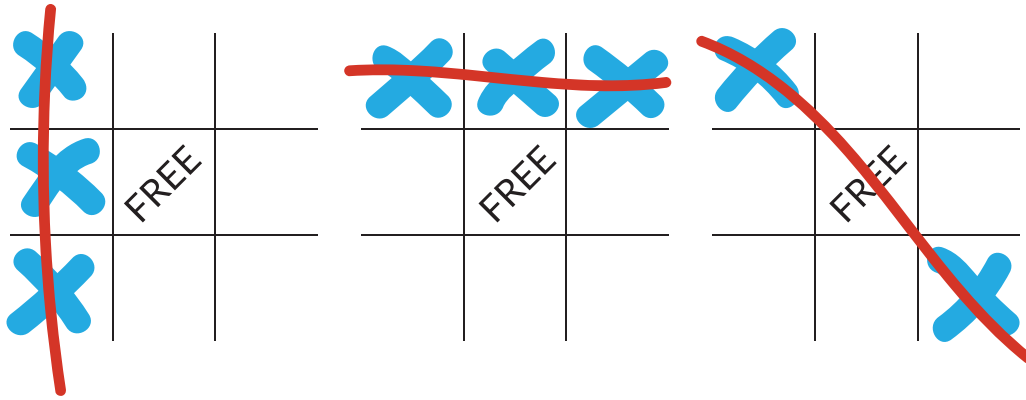


Add & Subtract Bingo

Object of the Game

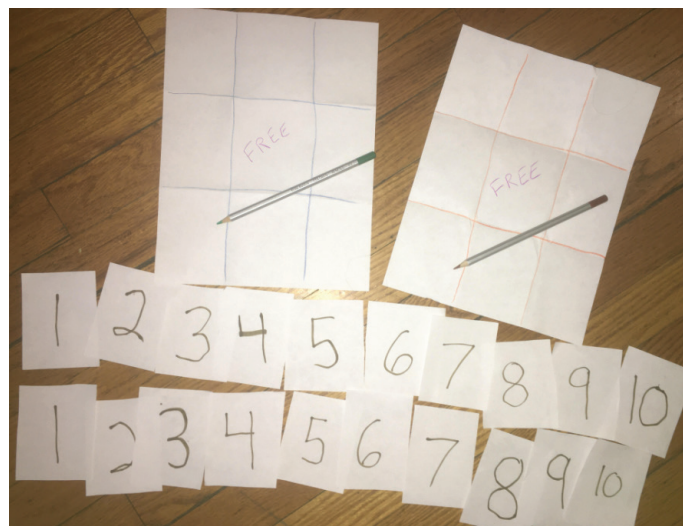
Be the first player to claim 3 spaces in a row, column or on the diagonal to win the game.



3 ways to win!

Materials

- A deck of Number Cards containing 2 each of the numbers 1-10
Print the Number Cards, make your own, or use the 2-10 cards and aces for 1s from a deck of playing cards.
- 2 Bingo boards (1 for each player)
Print the Bingo boards or use paper and pencil to make your own.
- Pencil or pen



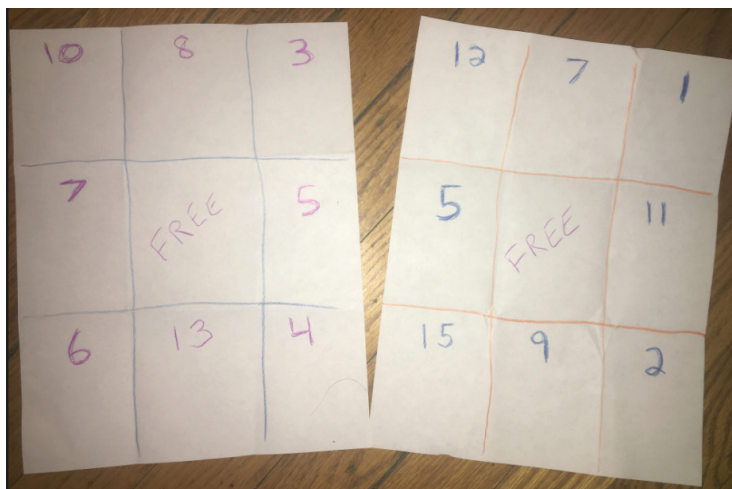
Skills

This game helps us practice:

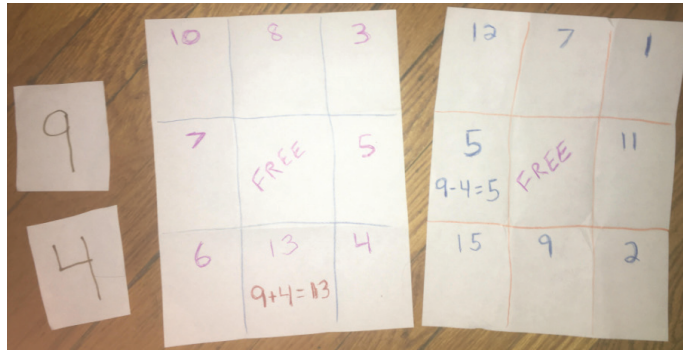
- Addition and subtraction facts

How to Play

1. Print or draw a bingo board. To make your own board, draw a 3 by 3 grid. Write FREE in the middle space. Then write numbers from 0 to 15 in random order in the rest of the boxes. You won't have enough space for all those numbers, and don't use any number more than once.
 - » Write a different number in each box.
 - » Don't write the numbers in order. Each player's board should look different.
 - » Leave some blank space in each box to write an equation.



2. Mix up the Number Cards and place them facedown in a stack. Turn over 2 cards and place them faceup for both players to see. Both players will use the same cards.
3. Look for a space you can claim on your bingo board by adding or subtracting the numbers on the cards.
 - » To claim a space, write an addition equation or subtraction equation to make the number in the box.
 - » Each player can claim only 1 space per turn.
 - » Sometimes it's not possible to claim a space. Wait for the next number cards to be drawn.



These players turned over the number cards 9 and 4.
 Alexandria added $9 + 4$ to claim the spot for 13.
 Jasmine subtracted $9 - 4$ to claim the spot for 5.

4. Put the used cards to the side.
5. Continue taking 2 number cards and writing equations to claim spots on your bingo board.
6. The first player to get 3 spaces in a row, column, or diagonally calls, "Bingo!" and wins!
7. Have fun!

Tips for Families

- Before the game, help your child set up their bingo board, if needed.
- Practice turning over two number cards and asking: How could you add or subtract with these numbers? For example, if you drew a 5 and an 8, what could you do? (You could add $8 + 5$ to get 13 or you could subtract $8 - 5$ to get 3).
- Talk about strategy during the game. When does it make sense to add? When does it make sense to subtract? If you have more than one option on your Bingo board, which one will help you win?
- After the game, ask: *Did you notice that some numbers on your Bingo board were easier to claim than others? Why do you think that happened? How will this help us choose the numbers on our Bingo boards strategically the next time we play?*

Change It Up

Making even small changes to a game can invite new ways of thinking about the math. Try making one of the changes below.

- Instead of playing for three in a row to win, play to fill up the entire board. You'll need to reshuffle and reuse the deck of number cards several times for this variation.
- Allow players to claim more than 1 space per turn, when possible.
- Play with 3 or more players. You'll need to print or make additional Bingo boards.



1	1	2
2	3	3
4	4	5
5	<u>6</u>	<u>6</u>



7	7	8
8	<u>9</u>	<u>9</u>
10	10	

ADD & SUBTRACT BINGO



	FREE	

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	FREE	

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