



- **Set up** the game starting with a blank Number Hive game board. Player 1 collects plenty of one colored counters and player 2 collects plenty of a different color.
- Place 2 counters of a third (neutral) color each on the 1 on the number pads down the bottom. The game can now begin!
- Player 1 moves **one** of the neutral counters somewhere else on its number pad. The new product (or sum) created is then taken in the hive by that player by placing their counter on that cell. If there are two of that product (or sum) available, they may choose which one they will take.
- Turns now alternate. Player 2 moves either of the neutral counters (but only one) in order to create a new product (or sum) and then take that number in the hive with their counter.
- To **win** the game, a player must get **four** of their counters **in a straight line**.

What if?

- a player moves the neutral counter and a product (or sum) is created that is no longer available in the hive? The player forfeits their turn. Feel free to give players a chance.

- There are no more available options to move. This constitutes a stalemate.

Variations:

- There are many variations you can play. Three or more players can work. Some play collaboratively and try to fill the hive. Some choose to play where each player gets one number pad each. Two players on each team is fantastic.

- Many teachers also laminate and use markers, or place game board into plastic sleeves and do the same.

- For a more intense version, each player is limited to one number pad. Or instead of 4 in a row, play for points. A great way is using the 'number in a row factorial' points. So 3 in a row would gain a player 6 points (3x2x1).



