



# Math Games

## Grab A Deck Of Cards!

Making math fun and easy can be as simple as grabbing an old deck of cards and saying, "Let's play a game! Check out these simple math games that you can play with a deck of cards anytime and anywhere. Try these to begin and then why not try inventing your own. Kids can practice addition, subtraction, multiplication, division, comparing numbers and many other math skills.

### Over and Under (Two Players)

1. First sort deck. Use only the numbered cards and aces. The Aces represent 1.
2. Evenly deal the deck of cards to the two players. One player is the "Under 30" player and the other is the "Over 30" player.
3. Then each player turns over a card at the same time and the two numbers are multiplied together. If the answer is below 30, the "Under 30" player keeps the cards. If it is higher than 30, the "Over 30" player keeps the cards. If the answer is exactly 30 each player takes back their card and to be placed back in their deck. When all the cards have been used the person with the most cards is the champ.

*Variation:*

Increase cards

Change to division

Change the over and under amount

### Largest Number (Four Players)

**Try this fun math game to practice ordering numbers but get ready for the squeals of excitement! (Before game depending on place value write on index cards: hundred thousands, ten thousands, thousands, etc...)**

Children love this fun math game to practice comparing numbers. Use only number cards for this game. Next select the number of digits to be used in the numbers for this game, e.g. 5 digit numbers like 12,713 or 22,921; 6 or 7 digit numbers. Place prewritten index cards face down. Every person is dealt that number of cards. Players arrange their cards to make the greatest possible number with the cards that they have been dealt, e.g. with cards 4, 7, 9, 2, 5 and 8 a player would make 987, 542. Then flip one prewriting index card over and read the card. The player with the greatest value in that place value would win the round. Example: The Ten Thousands card is flipped. The person who had 987, 542 and 80,000 is the highest in that place value is the winner for that round is the winner. The winner is the person who scores the most points.

*Variation:*

Increase Number or add a decimal

### Time to Multiply

Each player draws two cards (use only number cards). Every player then turns over their two cards, multiplies the two numbers, and says product. The player with the greater product finds the difference between those two products. The player records the difference as the number of points earned for the round. The used cards are placed in a discard pile. If it's a tie, neither player earns points for the round. Continue to all the cards have been used. The player with the most points at the end of the game wins.