

Number of the Day

Supplies: Modified deck of cards: Ace = 1, values 7 through 10 are eliminated, and face cards are wild.
Set of counters

Goal: To accumulate as many cards as possible.

Basic game

Players agree on a target number between 4 and 20. Place eight cards face up in the center of the players. From the values on these cards, the first player takes as many cards as possible to create a sum equal to the target number (only one wild card per turn). The first player keeps those cards used, and new cards from the deck are used to replace those taken. From these eight cards, the second player repeats the process of using as many cards as possible to create the target number. Play continues until the deck of cards is gone.

Extension

1. Use addition and subtraction.
2. Use the entire deck, with 10=0.
3. Use multiplication and division.

Where's the math?

Adding numbers

Mental math