

Number Fun

Materials: number cards

each number (0-10) is written on 4 cards using 4 different colors.

Game 1 Make-A-Sum

The objective of the game is to collect as many sets as possible.

1. Deal 9 cards face up.
2. A set is defined as 3 cards—2 cards plus a 3rd that equals their sum—whose colors are all the same **or** all different.
3. The first player to find a set says “**Got It**” and the cards are added to his/her pile.
4. Replace the missing cards and play until the entire deck is gone.
5. If at any time a set cannot be found, deal additional cards one at a time until a set is found.
6. The player with the most cards at the end of the game wins.
7. Easier Version: Beginners can practice finding combination regardless of color. Later, they can find colors that are “all the same or all different.”

Subtraction Game:

The rules are the same as Make-A-Sum but a set is defined as 2 cards plus a 3rd card that equals their difference.

Game II Make-A-Number

The objective is to use at least 3 cards to make the target card, using addition and subtraction.

1. Deal 5 cards face up, then a 6th “target” card. The 5 cards can be used in any order and color does not matter.

Example:

Target Number: 9

5 3 8 7 6

Answer: $(5 + 3) + (8 - 7) = 9$

2. The first player to make the target number using 3 or more cards says “**Got It!**” If the answer is correct all the cards are added to his/her pile.
3. Replace all the cards and continue to play until the entire deck is gone.
4. When a solution cannot be found, set the cards aside and deal 6 new cards.
5. The player with the most cards at the end of the game wins.

Advanced Version:

Players must use all 5 cards to make the target card. They can add, subtract, multiply, or divide. Example: Target Number is 10 The cards are 6 2 1 4 9

A solution is $(2 \times 4) - (6 + 1) + 9 = 10$