Paddy Eger

Math Sandwiches

MATERIALS:

> 1 deck of cards with jokers
> pencil and paper

BEST USE: practice addition combinations '8' through '12'.

RULES:

1. **Remove your target number and ALL cards higher than your target number.** For a target number of '12', use the Joker as your '11'. Aces equal '1'.

2. Set aside all cards that are not being used.

3. Shuffle the cards you will be using.

4. Lay out 4 cards **face up** to use as the first number in each of 4 target number problems.

5. Hold the rest of the cards in your hand, **face down**.

6. Turn over the top card. Look over your face-up cards. Can you use your in-hand card to create a **target number** problem, a **sandwich**? If so, place it **face down** to cover the card that makes it a sandwich.

7. Turn up a new card. Use that new card, face up, to cover the sandwich you made. The covered card is **face down** so you are creating a new number for a new sandwich.

8. If the card you turn up doesn't make any sandwich, place that card in your discard pile.

9. Continue to build sandwiches and replace your top card on each closed pair (sandwich). When you have used all the cards in your hand, you may pick up the discard pile and work to create additional sandwiches.

10. Created as many sandwiches as possible then open your sandwiches, one at a time. Write down the combinations you created. If you use a wild card as a number, write that number in a box to show that you used a wild card.

> Example (using a wild card) $9 + \boxed{1} = 10$

OPTIONS:

> Use the jokers as **wild cards**.
> Use all the face cards as **wild cards**.
> Play with 2 different-colored decks of cards (shuffled together) for a longer game.