

Finding Combos Card Game

Materials: Deck of Cards / Paper and pencil

Purpose: Student practices finding combinations for the Focus Number.

Remove from the deck all numbers higher than student's Focus Number, keeping the focus number in the deck.

Split the cards evenly between tutor and student.

PART I:

Ask student to spread all of his/her cards face up on the table. Ask student to find all of the combinations that add up to the Focus Number.

Ask student to place each pair in separate piles face down.

Tutor then does the same thing with his/her cards. Ask student to be sure the tutor is making the right combinations.

The person who finds the most combinations is the winner.

PART II:

Turn the top card in each pair face up and leave the other card face down. Ask student to tell which card is "hiding" in each pair.

Pick up the cards as each pair is completed until the table is clear.

For added fun, time how long it takes for student to tell which card is "hiding" for all of the pairs.

PART III:

Choose three pairs and help student write equations that demonstrate the written form of naming the hidden card. (E.g. If 2 is the card showing and the focus number is 6, student would write $2 + \underline{\quad} = 6$)

NOTE: This will help prepare the student for higher levels of math (e.g., algebra) and is an important way to begin thinking abstractly about known and unknown quantities.