

Finding Tens

Purpose:

Make a ten strategy

Make equations of equivalent expressions

Materials:

Number cards (four copies of numbers 0-10)

Game board

Recording Sheet

Directions:

1. Place a deck of cards facedown between two players.
2. Each player turns over a card.
3. Together they determine the sum of the two cards.
4. After determining the sum they decide which pocket on the game board to place the cards. For example if 7 and 8 are drawn the two cards would be placed in the pocket labeled $10 + 5$.
5. If the sum of the two cards is less than ten place the cards back in the deck and reshuffle.
6. The game is over when all the cards have been placed or the remaining cards can not be placed.

The children can write the equations. For example if 5 and 6 are drawn they would write $5 + 6 = 10 + 1$.

Directions for making the game board.

1. Use a large piece of poster board.
2. 11 index cards
3. Write the following expressions on the index cards:
 $10 + 0$ $10 + 1$ $10 + 2$ $10 + 3$ $10 + 4$ $10 + 5$
 $10 + 6$ $10 + 7$ $10 + 8$ $10 + 9$ $10 + 10$
4. Glue the side edges and bottom of the index cards. Leave the top unglued.
5. Place a paper clip at the top edge of each index card.

When two cards are drawn they are placed in the paper clip of the equivalent expression. For example if 4 and 8 are drawn the cards are placed on the $10 + 2$ index card.



