

Activity

Overview: This is a cooperative way to work on general number concepts. Students will take turns passing index cards around the room, creating representations for each number.

Materials: 4" x 6" index cards, pencils, thumb tacks or push pin

Lead In: A different, random number is written at the top of each index card.

64

805

1.249

Students may sit in one circle or may stay at their desks and pass the cards around the room from their seats.

Procedure: Each student starts with one card and has 1-minute to represent that number by either a picture or number sentence on the index card. The student initials the card before passing. After one minute, the teacher signals that it is time to "pass the pin cards." Students pass the completed card to the person on their right. A different idea (representation of the number) is written on the card received. No duplications, please! The student initials the card. Repeat the passing process three or four times. Collect all pin cards, have the class sort them into categories, and then pin them to a bulletin board or tape to a wall for display.

Lower Level Questions/Prompts:

- K - List five number sentences that represent the number twelve. *list*
- C - Accurately solve these basic number sentences. *compute*
- Ap - Choose another method to represent a given number. *choose*

Higher Level Questions/Prompts:

- An - Separate the representations into categories in some way. *separate*
- S - Develop a new way of representing a given number. *develop*
- E - Defend your new way of representing a given number. Why does it work? *defend*