

MATH: Place Value Cards (Grade 3)

Learning Goals:

- Develop mental math strategies and abilities to make sense of quantities
- Development of computational fluency of whole numbers requires flexible decomposing and composing.

Materials

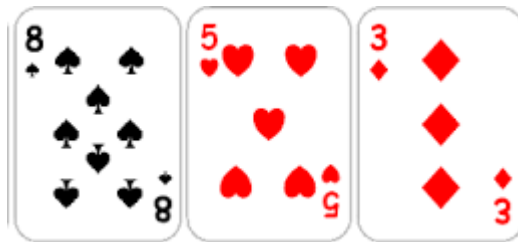
1 deck of cards

Paper

pencil

Activity

- Remove all the 10s and face cards (J, Q, K) and place them aside.
- The student turns over three cards and places them in a row.



- The student will write the 3-digit number on a piece of paper. Then write or partition the same number in hundreds, tens, and ones.

$$853$$
$$800 + 50 + 3$$

- Repeat until the student has written 10 different numbers.
- On the other side of the paper, write these numbers in a list from least to greatest

Extensions: Increase the amount of cards used to create the number. Student may turn over 4 cards to create a number that is over 999 and partition the number into thousands, hundreds, tens and ones.