Unit 3, Lesson 1

Represent Numbers in Different Ways

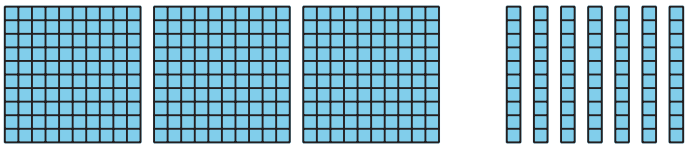
Let's represent numbers in different ways.

Warm-up

Which Three Go Together: Numbers within 1,000

Which 3 go together?

A.



B. $300 + 70 + 1$

C. $300 + 60 + 10$

D. $400 - 30$

Activity 1

Card Sort: Numbers in Their Different Forms

Your teacher will give you a set of cards that show numbers in different forms.

Group them into cards that represent the same number. Be ready to explain your reasoning.

Activity 2

Numbers in Different Forms Round Table

Your teacher will give you a recording sheet.

Part A

1. In Box 1, write a 3-digit number. (Pause for your teacher's instructions.)
2. In Box 2, show a way that the number could be decomposed. (Pause for teacher instructions.)
3. In Box 3, show a way that the number could be decomposed that's different from Box 2. (Pause for teacher instructions.)
4. In Box 4, show a way that the number could be decomposed that's different from Boxes 2 and 3.

Part B

1. Look at the different ways your number was decomposed on your recording sheet. What connections do you see between them?

2. Look at all of the recording sheets for your group. What patterns do you notice in the ways the numbers are decomposed?