Lesson 8: Compose Tens and Hundreds to Add

Standards Alignments

Addressing   2.NBT.B.7, 2.NBT.B.9

Teacher-facing Learning Goals

- Add a two-digit number to a three-digit number using place value strategies that include composing units.

Student-facing Learning Goals

- Let's compose tens and hundreds to add.

Lesson Purpose

The purpose of this lesson is for students to add within 1,000 using place value-based strategies by composing both a ten and a hundred.

In previous lessons, students related composing a ten and a hundred when adding within 1,000. They found sums that required composing one larger unit when adding by place. Throughout this lesson, the addends in each expression encourage students to consider adding by place. Both activities invite students to make sense of methods based on adding by place and to use the method that makes the most sense to them. Monitor for the different methods students use and how they use their understanding of place value to add and make sense of others' work (MP3, MP7).

Access for:

⊕ Students with Disabilities

- Action and Expression (Activity 1)

Instructional Routines

How Many Do You See? (Warm-up), MLR8 Discussion Supports (Activity 1)

Materials to Gather

- Base-ten blocks: Activity 1, Activity 2

Lesson Timeline

Warm-up	10 min

Teacher Reflection Question

Today students composed a ten and a hundred when adding a two-digit number and a three-digit number for the first time. Where did you

Activity 1	20 min
Activity 2	15 min
Lesson Synthesis	10 min
Cool-down	5 min

observe students generalizing their understanding of place value and composing larger units as they found the sums? How will you support students who prefer other methods to make sense of composing units when adding by place as they continue this work in upcoming lessons?

Cool-down (to be completed at the end of the lesson) 🕐 5 min

Make Tens and Hundreds

Standards Alignments

Addressing 2.NBT.B.7

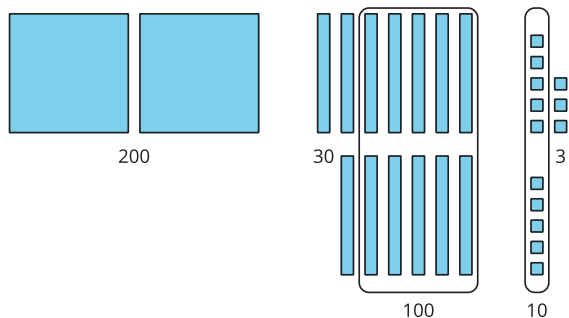### Student-facing Task Statement

Find the value of $278 + 65$.

Show your thinking. Use base-ten blocks if it helps you.

Student Responses

343. Sample responses:

-

- $200 + 100 + 30 + 10 + 3$
  $300 + 40 + 3 = 343$