

Lesson 21: Compose and Decompose Numbers 11–19

Standards Alignments

Addressing K.CC.B.5, K.NBT.A.1

Teacher-facing Learning Goals

- Compose and decompose numbers 11–19 using 10 ones and some more ones.

Student-facing Learning Goals

- Let's make groups of 10.

Lesson Purpose

The purpose of this lesson is for students to compose and decompose numbers 11–19 using 10 ones and some more ones.

In the first activity, students decompose groups of 11–19 objects into groups of 10 ones and some more ones. Then students determine the missing part to compose numbers 11–19.

If students need additional support with the concepts in this lesson, refer back to Unit 6, Section B in the curriculum materials.

This lesson has a Student Section Summary.

Access for:

Students with Disabilities

- Action and Expression (Activity 1)

English Learners

- MLR8 (Activity 1)

Instructional Routines

Which One Doesn't Belong? (Warm-up)

Materials to Gather

- 10-frames: Activity 2
- Collections of objects: Activity 1
- Connecting cubes or two-color counters: Activity 2
- Materials from a previous lesson: Activity 2
- Materials from previous centers: Activity 3

Lesson Timeline

Warm-up	10 min
Activity 1	15 min
Activity 2	10 min
Activity 3	20 min
Lesson Synthesis	5 min

Teacher Reflection Question

As you finish up this unit, reflect on the norms and activities that have supported each student in learning math. How have you seen each student grow as a young mathematician throughout this work? How have you seen yourself grow as a teacher?

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

 0 min

Unit 8, Section D Checkpoint

Standards Alignments

Addressing K.NBT.A.1

Student-facing Task Statement

Lesson observations

Student Responses

- Use 10 as a benchmark to compose and decompose numbers in different ways.
- Relate equations to compositions and decompositions of numbers.
- Use 10 as a benchmark to estimate and count.