

Lesson 12: Mentally Add and Subtract Tens (Optional)

Standards Alignments

Addressing 1.NBT.A.1, 1.NBT.C.4, 1.NBT.C.5, 1.NBT.C.6, 1.OA.C.6

Teacher-facing Learning Goals

- Mentally find 10 more or 10 less than a number.

Student-facing Learning Goals

- Let's add and subtract tens in our heads.

Lesson Purpose

The purpose of this lesson is for students to use base-ten understanding to mentally determine 10 more or 10 less than a two-digit number.

In previous lessons, students added and subtracted multiples of 10 from other multiples of 10 and added two-digit numbers and tens using connecting cubes in towers of 10 and singles, base-ten drawings, numbers, words, and expressions.

This lesson is optional as students may not need more practice developing fluency with adding or subtracting 10. In the first activity, students learn stage 2 of the Write Numbers center. In this stage, students count by ten forward or backward and write each number as they count. In the second activity, students notice patterns when adding and subtracting ten from any two-digit number.

Access for:

Students with Disabilities

- Representation (Activity 2)

English Learners

- MLR8 (Activity 1)

Instructional Routines

Number Talk (Warm-up)

Materials to Gather

- Dry erase markers: Activity 1
- Sheet protectors: Activity 1

Materials to Copy

- Write the Number Stage 2 Gameboard (groups of 2): Activity 1

Lesson Timeline

Warm-up	10 min
Activity 1	20 min
Activity 2	20 min
Lesson Synthesis	10 min

Teacher Reflection Question

Why is a strong understanding of the unit ten necessary in order to add or subtract 10 mentally?

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

 0 min

Unit 4, Section B Checkpoint

Standards Alignments

Addressing 1.NBT.C.4, 1.NBT.C.5, 1.NBT.C.6

Student-facing Task Statement

Lesson observations

Student Responses

- Add and subtract 10 and multiples of 10.