

# Lesson 13: More Story Problems with Teen Numbers

## Standards Alignments

Addressing 1.OA.A.1, 1.OA.C.5, 1.OA.C.6, 1.OA.D.8

### Teacher-facing Learning Goals

- Solve Take From, Result or Change Unknown story problems.

### Student-facing Learning Goals

- Let's solve story problems.

## Lesson Purpose

The purpose of this lesson is for students to solve Take From, Result or Change Unknown story problems.

In previous lessons, students added and subtracted within 20 with teen numbers that did not require composing or decomposing a ten. They used counting on, take away, the  $10 + n$  structure of teen numbers, and the relationship between subtraction and addition.

The purpose of this lesson is for students to solve a new type of story problem—Take From, Change Unknown. Students also solve a familiar problem type—Take From, Result Unknown. They use methods that make sense to them and then make connections between methods.

This lesson has a Student Section Summary.

### Access for:

#### Students with Disabilities

- Action and Expression (Activity 2)

#### English Learners

- MLR2 (Activity 2)

## Instructional Routines

Number Talk (Warm-up)

### Materials to Gather

- Connecting cubes or two-color counters: Activity 1, Activity 2
- Double 10-frames: Activity 1, Activity 2
- Materials from previous centers: Activity 3

## Lesson Timeline

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

## Teacher Reflection Question

Think about who volunteered to share their thinking with the class today. Are the same students always volunteering, while some students never offer to share? What can you do to help the class understand the value of hearing the ideas of every mathematician?

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

 0 min

Unit 3, Section B Checkpoint

### Standards Alignments

Addressing 1.OA.C.6

### Student-facing Task Statement

Lesson observations

### Student Responses

- Identify teen numbers as a ten and some ones.
- Count all to find the sum.
- Count on to find the sum or difference.
- Take away to find the difference.
- Use the  $10 + n$  structure of teen numbers to add and subtract.