

Lesson 11: Saree Silk Stories: Necklaces and Bracelets

Standards Alignments

Addressing 2.MD.B.5, 2.NBT.B.5, 2.OA.A

Teacher-facing Learning Goals

- Solve one-step story problems about length within 100.

Student-facing Learning Goals

- Let's solve story problems about length.

Lesson Purpose

The purpose of this lesson is for students to solve Take From story problems within 100 in the context of length.

In previous lessons, students learned how to measure lengths using different units of measure. In this lesson, students solve Take From problems involving length measured in inches. They use the context of length to make sense of tape diagrams that represent the part-part-whole relationships between the quantities in each story (MP2). They also continue to practice adding and subtracting within 100 with and without decomposing a ten.

Access for:

Students with Disabilities

- Representation (Activity 1)

English Learners

- MLR8 (Activity 2)

Instructional Routines

Notice and Wonder (Warm-up)

Materials to Gather

- Base-ten blocks: Activity 1, Activity 2

Lesson Timeline

| | |
|------------|--------|
| Warm-up | 10 min |
| Activity 1 | 20 min |
| Activity 2 | 15 min |

Teacher Reflection Question

In previous lessons, students used tape diagrams to represent Compare problems. How did you see students use the structure of part-part-whole tape diagrams to make sense of Take From problems? What connections did you

Lesson Synthesis

10 min

hear students make between the tape diagrams and the measurement context?

Cool-down

5 min

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

 5 min

More Saree Ribbon

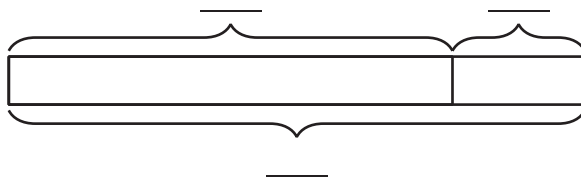
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Student-facing Task Statement

Priya had a piece of ribbon that was 74 inches long. She cut off 17 in. How long is Priya's ribbon now?

Show your thinking. Use a diagram if it helps. Don't forget the unit in your answer.



Student Responses

Priya's ribbon is 57 in long. Sample responses:

- $74 - 17 = ?$, $74 - 10 = 64$, $64 - 4 = 60$, $60 - 3 = 57$
- Students draw a base-ten diagram that shows 5 tens and 7 ones. They show decomposing a ten and taking away 1 ten and 7 ones. They label to show the difference is 57.