

Lesson 16: Solve All Kinds of Compare Problems

Standards Alignments

Addressing 2.OA.A.1, 2.OA.B.2

Teacher-facing Learning Goals

- Solve Compare problems with unknowns in all positions within 100.

Student-facing Learning Goals

- Let's solve Compare problems.

Lesson Purpose

The purpose of this lesson is for students to solve Compare problems with an unknown in all positions.

The number choices in the Compare problems in this lesson encourage students to use methods based on place value to find the unknown value. Students may look for ways to compose a ten or subtract multiples of ten when finding unknown values within 100. Students will subtract numbers other than multiples of ten within 100 in future lessons. Encourage students to use a tape diagram to make sense of the problem if it is helpful.

This lesson has a Student Section Summary.

Access for:

Students with Disabilities

- Engagement (Activity 1)

English Learners

- MLR8 (Activity 1)

Instructional Routines

MLR6 Three Reads (Activity 2), True or False (Warm-up)

Lesson Timeline

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

Teacher Reflection Question

What connections did students make between story problem contexts and the placement of the question mark in tape diagrams? How are students using tape diagrams to make sense of Compare problems?

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

🕒 5 min

Compare the Pages

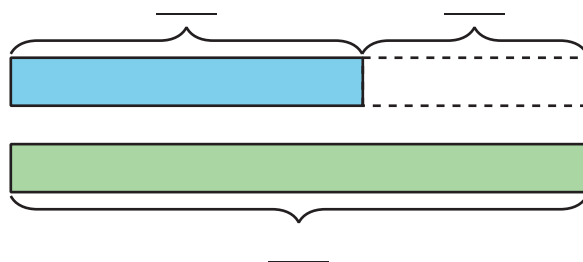
Standards Alignments

Addressing 2.OA.B.2

Student-facing Task Statement

Jada read 17 pages. Noah read 9 more pages than Jada. How many pages did Noah read?

Show your thinking using drawings, numbers, words, or an equation. If it helps, you can use the diagram.

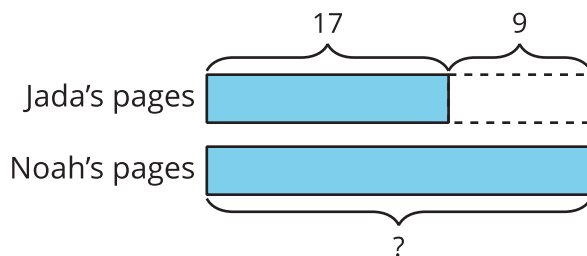


Student Responses

Noah read 26 pages.

Sample responses:

$17 + 9 = ?$



$16 + 1 + 9 = 26$