Eureka Math

4th Grade
Module 7
Lesson 9

At the request of elementary teachers, a team of Bethel & Sumner educators met as a committee to create Eureka slideshow presentations. These presentations are not meant as a script, nor are they required to be used. Please customize as needed. Thank you to the many educators who contributed to this project!

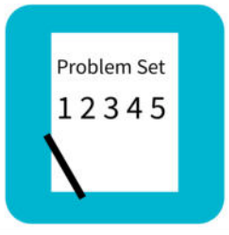
Directions for customizing presentations are available on the next slide.

Icons

Read, Draw, Write

Learning Target

Personal White Board

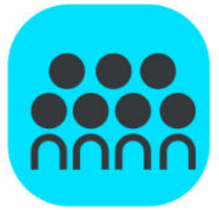


Problem Set

Manipulatives Needed

Fluency

Think Pair Share



Whole Class

Individual

Partner

Small Group

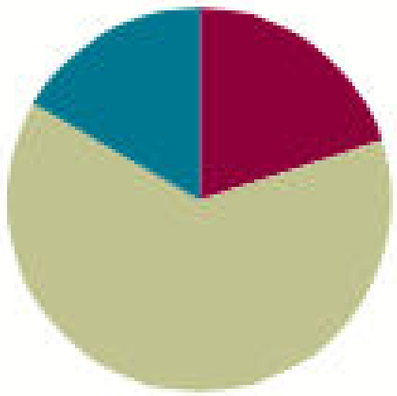
Small Group Time

Lesson 9

Objective: Solve problems involving mixed units of time.

Suggested Lesson Structure

Fluency Practice	(12 minutes)
Concept Development	(38 minutes)
Student Debrief	(10 minutes)
Total Time	**(60 minutes)**



I can solve problems involving mixed units of time.

Core Fluency Page

Convert time units

1 day=_____hours

2 days=_____ hours

1 day 4 hours=_____ hours

4 hours=_____ min

27 hours=_____ min

Application Problem

No problem today!

Add mixed units of time

Solve: 2 hours 45 minutes + 50 minutes.

Be prepared to share your process.

Add mixed units of time

Solve: 3 days 12 hours + 9 days 20 hours

Be prepared to share your process.

Subtract mixed units of length

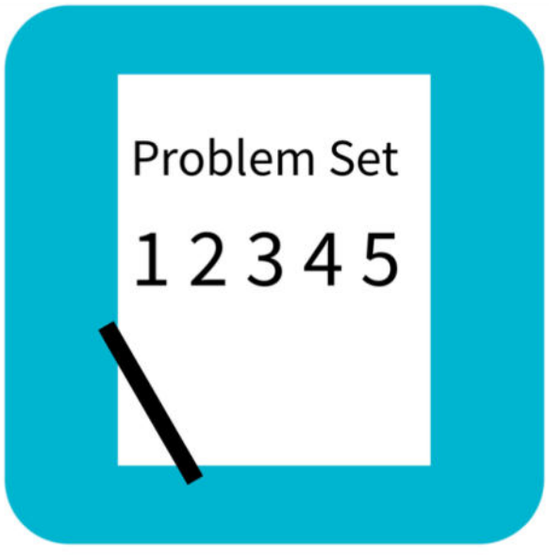
Solve: 7 hours 15 minutes - 38 minutes

Be prepared to share your process.

Subtract mixed units of length

Solve: 25 minutes 8 seconds - 12 minutes 26 seconds

Be prepared to share your process.



Problem Set

Name _____ Date _____

1. Determine the following sums and differences. Show your work.

   a. 23 min + 37 min = _____ hr

   b. 1 hr 11 min + 49 min = _____ hr

   c. 1 hr – 12 min = _____ min

   d. 4 hr – 12 min = _____ hr _____ min

Debrief

- How was solving Problem 2(a) similar to solving 2(b)? How was it different?
- Many of you solved Problem 4(b) by adding the two movie times together with the 30 extra minutes and then subtracting that time from 5 hours. Talk with your partner about how to use your answer from Problem 4(a) to help solve 4(b).
- How is solving 3 days 12 hours + 9 days 20 hours like solving $3\frac{12}{24} + 9\frac{20}{24}$?
- How is subtracting 25 min 8 sec – 12 min 46 sec like solving $25\frac{8}{60} - 12\frac{46}{60}$?

Exit Ticket

Name _____ Date _____

Find the following sums and differences. Show your work.

1. 2 hr 25 min + 25 min = _____ hr _____ min

2. 4 hr 45 min + 2 hr 35 min = _____ hr _____ min