Eureka Math

4th Grade
Module 6
Lesson 14

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

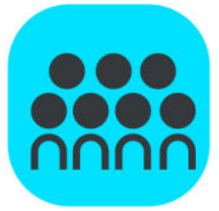
Personal White Board

Problem Set

Manipulatives Needed

Fluency

Think Pair Share



Whole Class

Individual

Partner

Small Group

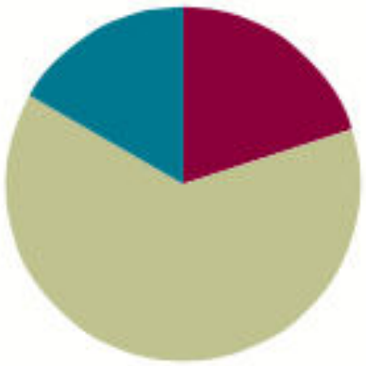
Small Group Time

Lesson 14

Objective: Solve word problems involving the addition of measurements in decimal form.

Suggested Lesson Structure

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



Solve word problems involving the addition of measurements in decimal form.

State the Value of the Coins

1 dime = ____¢ What's the value of 1 dime?

2 dimes = ____¢ 4 dimes = ____¢ 8
dimes = ____¢

10 dimes = ____dollar. 20 dimes =
____ dollar.

1 penny = ____¢ What's the value of 1 penny?

2 pennies= ____¢ 4 pennies = ____¢ 8
pennies = ____¢

Add Decimals

4 tens + 2 ones

Say the addition sentence in standard form.

40 + 2 = 42

$$\frac{4}{10} + \frac{2}{100} = \frac{42}{100}$$

Finish the number sentence.

Rewrite the number sentence in decimal form.

$$0.4 + 0.02 = 0.42$$

Write in Decimal and Fraction Notation

36.79 Say the number.

Write 36 and 79 hundredths in decimal expanded form without multiplication

$$36.79 = 30 + 6 + 0.7 + 0.09$$

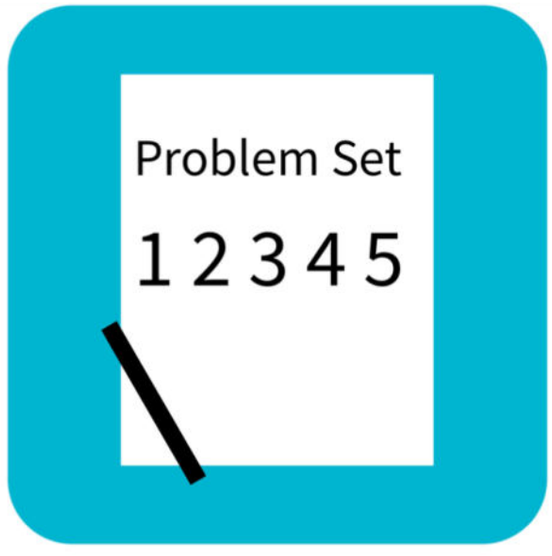
Complete the number sentence.

$$36.79 = (\_3 \times 10) + (\_6 \times 1) + (\_7 \times 0.1) + (\_9 \times 0.01)$$

Write 36 and 79 hundredths in fraction expanded form with multiplication.

$$36\frac{79}{100} = (3 \times 10) + (6 \times 1) + (7 \times \frac{1}{10}) + (9 \times \frac{1}{100})$$

Concept Development is the Problem Set



Problem Set

Name _____ Date _____

1. Barrel A contains 2.7 liters of water. Barrel B contains 3.09 liters of water. Together, how much water do the two barrels contain?

Debrief

- What was the added complexity of Problem 3? What about Problem 4?
- Explain the strategies that you used to solve Problems 3 and 4.

Exit Ticket

Name _____ Date _____

Elise ran 6.43 kilometers on Saturday and 5.6 kilometers on Sunday. How many total kilometers did she run on Saturday and Sunday?