Materials List

(S) Multiply and divide with 1 and 0 Sprint

(S) Personal white board

Eureka Math

3rd Grade
Module 3
Lesson 18

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.

Customize this Slideshow
Reflecting your Teaching Style and Learning Needs of Your Students

➢ When the Google Slides presentation is opened, it will look like Screen A.
➢ Click on the "pop-out" button in the upper right hand corner to change the view.
➢ The view now looks like Screen B.
➢ Within Google Slides (not Chrome), choose FILE.
➢ Choose MAKE A COPY and rename your presentation.
➢ Google Slides will open your renamed presentation.
➢ It is now editable & housed in MY DRIVE.
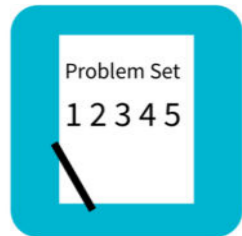
Icons

RDW Read, Draw, Write

Learning Target

Personal White Board

Problem Set

Manipulatives Needed

Fluency

Think Pair Share
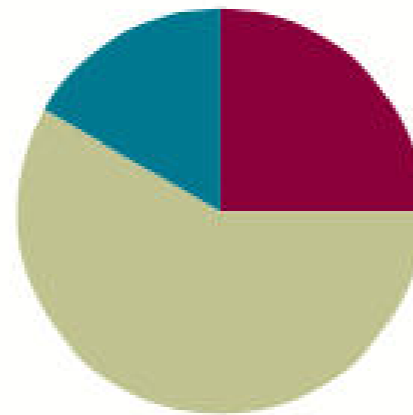
Whole Class

Individual

Partner

Small Group

Small Group Time

Lesson 18

Objective: Solve two-step word problems involving all four operations and assess the reasonableness of solutions.
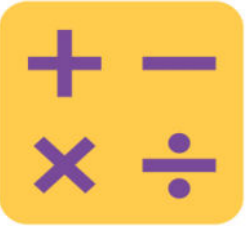
Suggested Lesson Structure

- Fluency Practice   (15 minutes)
- Concept Development   (35 minutes)
- Student Debrief   (10 minutes)
- **Total Time**   **(60 minutes)**

Fluency Practice (15 minutes)

I can solve two-step word problems involving all four operations and assess the reasonableness of solutions.
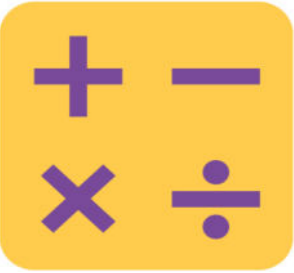
➕➖✖️➗ Sprint: Multiply and Divide with 1 and 0

A

Number Correct: _____

Multiply and Divide with 1 and 0

1.	_____ × 1 = 2	
2.	_____ × 1 = 3	
3.	_____ × 1 = 4	
4.	_____ × 1 = 9	
5.	8 × _____ = 0	
6.	9 × _____ = 0	

23.	9 ÷ _____ = 9	
24.	8 × _____ = 8	
25.	_____ × 1 = 1	
26.	0 ÷ 3 = _____	
27.	_____ × 1 = 7	
28.	6 × _____ = 0	

Multiply with 10

I'll say a fact.

You say the whole equation.

10 × 1

10 × 2

10 × 3

10 × 9

10 × 7
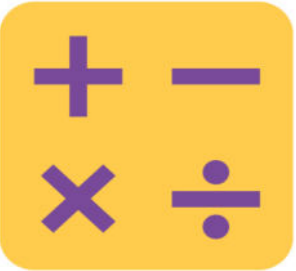
Multiply with 10

I'll say a product that is a multiple of 10.
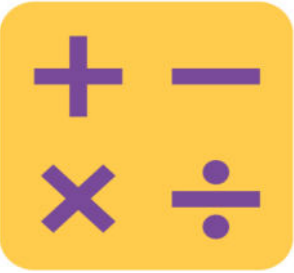
You say the multiplication fact starting with 10.

Example: Teacher says, "20" Student says, "10 x 2 = 20"

30 _____ 3 =

40 _____ 4 =

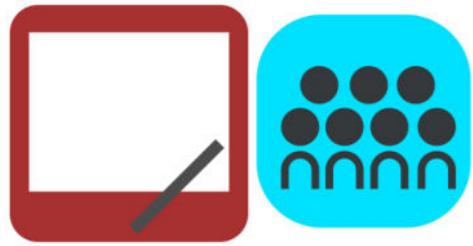80 _____ 4 =

60 _____ 4 =

Group Counting

Sixes to 60

Sevens to 70

Eights to 80

Nines to 90

Concept Development

Joe has $173 in the bank. He earns the same amount of money each week for 7 weeks and puts this money in the bank. Now, Joe has $208 in the bank. How much money does Joe earn each week?
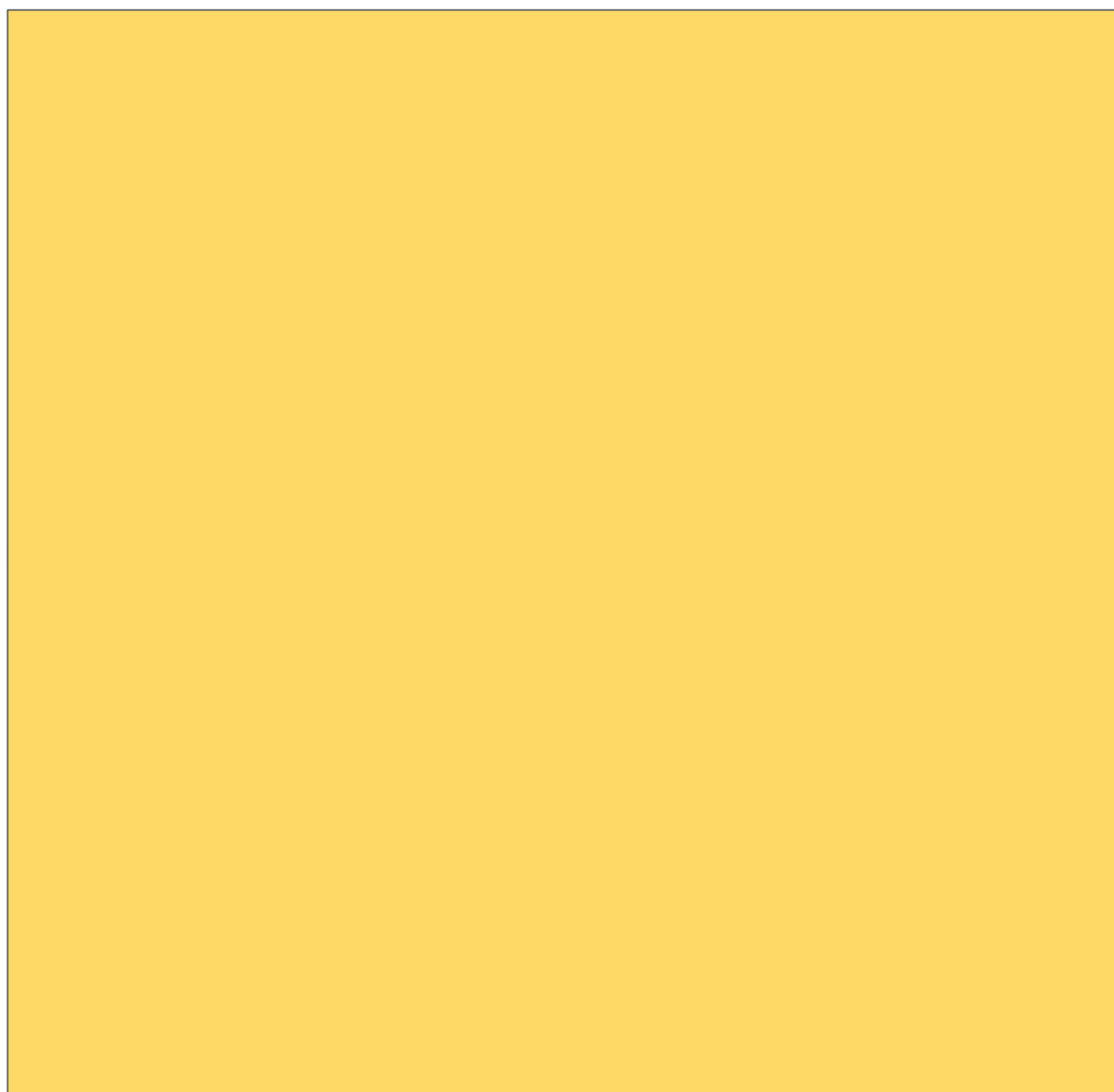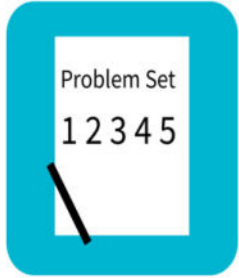
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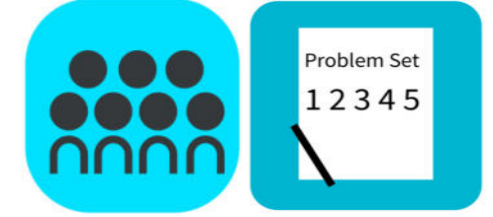
Problem Set

Name _____   Date _____

Use the RDW process for each problem. Explain why your answer is reasonable.

1. Rose has 6 pieces of yarn that are each 9 centimeters long. Sasha gives Rose a piece of yarn. Now, Rose has a total of 81 centimeters of yarn. What is the length of the yarn that Sasha gives Rose?
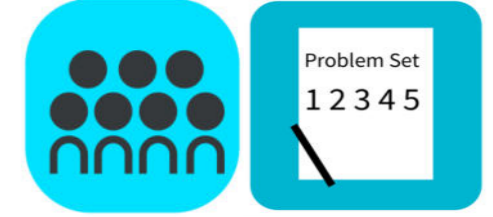
Student Debrief

🎯 Lesson Objective: Solve two-step word problems involving all four operations and assess the reasonableness of solutions.

In Problem 1, you found that Sasha gives Rose a piece of yarn that is 27 centimeters long. Into how many 9-centimeter pieces can Rose cut this piece?

In Problem 2, did Julio spend more time on his spelling homework or his math homework? How do you know?

Student Debrief

🎯 Lesson Objective: Solve two-step word problems involving all four operations and assess the reasonableness of solutions.

How are Problems 3 and 4 similar? Discuss with a partner.

In Problem 5, if Cora weighs 5 pencils, what is the total weight for the pencils and the ruler? How do you know?

Discuss with a partner the importance of checking the reasonableness of your answer.

Exit Ticket

Name _____   Date _____

Use the RDW process to solve. Explain why your answer is reasonable.

On Saturday, Warren swims laps in the pool for 45 minutes. On Sunday, he runs 8 miles. It takes him 9 minutes to run each mile. How long does Warren spend exercising over the weekend?