



## Materials List

Personal white boards  
Digital scale in grams  
Metric spring scale  
1 kg weight  
100 g weight  
10 g weight  
1 g weight

# Eureka Math

3rd Grade  
Module 2  
Lesson 8

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.



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# 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.

**Screen A**

ReadyGEN™ in Action

3<sup>rd</sup> Grade  
Unit 3, Module A  
Lesson 1

“pop-out”

**Screen B**

Gr3(2) U3MAL1 Sample Lesson.pptx

File Edit View Insert Slide Format Arrange Tools Table Help Last edit was yesterday at

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Comments will not be copied to the new document.

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ReadyGEN™ in Action

3<sup>rd</sup> Grade  
Unit 3, Module A  
Lesson 1

# Icons



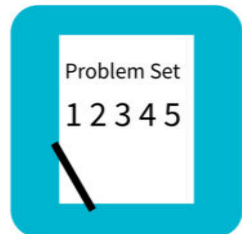
Read, Draw, Write



Learning Target



Personal White Board



Problem Set



Manipulatives Needed



Fluency



Think Pair Share



Whole Class



Individual



Partner



Small Group



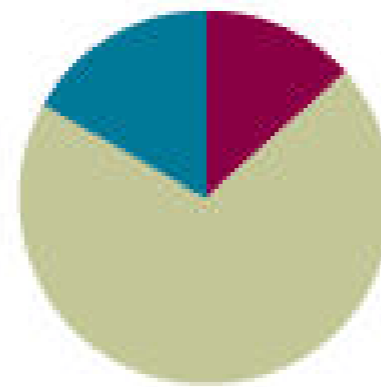
Small Group Time

## Lesson 8

**Objective:** Solve one-step word problems involving metric weights within 100 and estimate to reason about solutions.

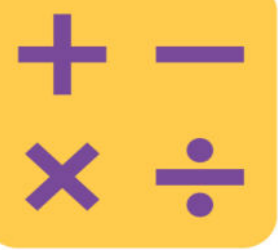
### Suggested Lesson Structure

■ Fluency Practice	(8 minutes)
■ Concept Development	(42 minutes)
■ Student Debrief	(10 minutes)
<b>Total Time</b>	<b>(60 minutes)</b>



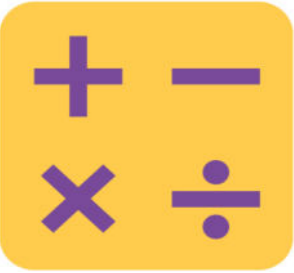


I can solve one-step word problems involving metric weights within 100 and estimate to reason about solutions.



# Divide Grams & Kilograms

$$10 \text{ g} \div 10 =$$



# Determine the Unit of Measure

Grams

Kilograms

apple

dog

classroom chair

car tire

carrot

pencil

paper clip

# Group Counting

Threes to 30

Fours to 40

Sixes to 60

Sevens to 70

Eights to 80

Nines to 90





# Concept Development

Problem 1: Solve one-step word problems using addition.

$$28 \text{ g} + 36 \text{ g} =$$

2      34

$$30 \text{ g} + 34 \text{ g} = 64 \text{ g}$$

30      4



# Concept Development

Problem 2: Solve one-step word problems using subtraction.

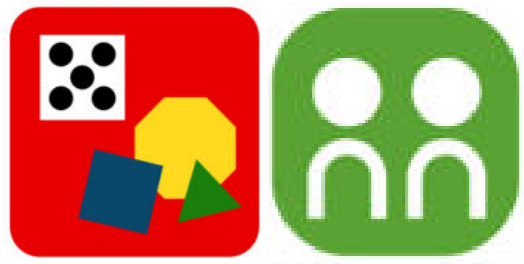
Lindsey wants to ride the roller coaster. The minimum weight to ride is 32 kilograms. She weighs 14 kilograms less than the required weight. How many kilograms does Lindsey weigh?



# Concept Development

Problem 2: As time allows, repeat the process.

Ms. Casallas buys a new cabinet for the classroom. It comes in a box that weighs 42 kilograms. Ms. Casallas unpacks pieces that total 16 kilograms. How much does the box weigh now?



# Concept Development

Problem 3: Solve one-step word problems using multiplication

Let's use a digital scale to measure the weight of Table 1's supply box.

It weighs about 2 kilograms. Talk with your partner.

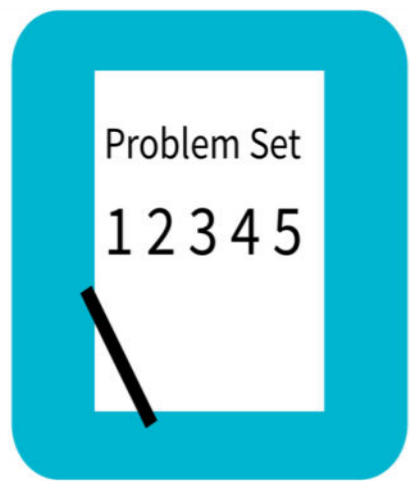
Is it reasonable to suppose that the supply boxes at each table weigh about 2 kilograms?



# Concept Development

Problem 4: Solve one-step word problems using division.

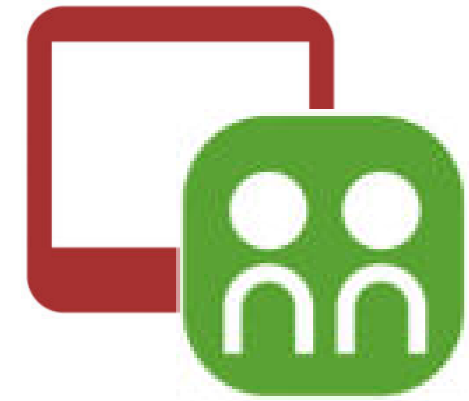
Eight chairs weigh 24 kilograms. What is the weight of 1 chair? Work with your partner to model or write an equation to represent the problem.



# Problem Set

Problem Set (10 minutes)

Students should do their personal best to complete the Problem Set within the allotted 10 minutes. For some classes, it may be appropriate to modify the assignment by specifying which problems they work on first. Some problems do not specify a method for solving. Students should solve these problems using the RDW approach used for Application Problems.



# Student Debrief

## Student Debrief (10 minutes)

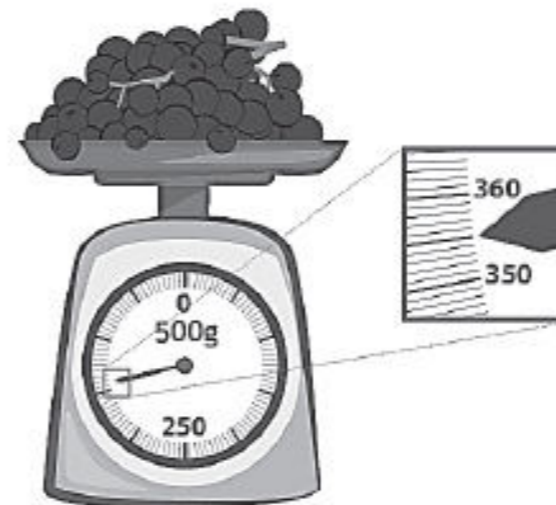
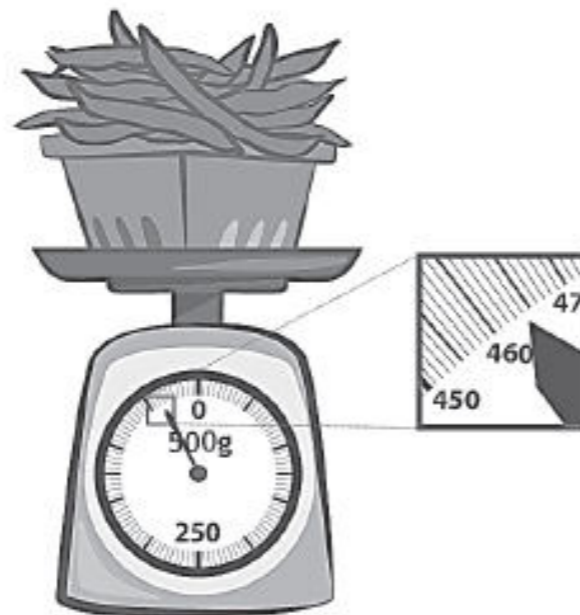
**Lesson Objective:** Solve one-step word problems involving metric weights within 100 and estimate to reason about solutions.

A STORY OF UNITS

Lesson 8 Problem Set 3•2

Name \_\_\_\_\_ Date \_\_\_\_\_

1. Tim goes to the market to buy fruits and vegetables. He weighs some string beans and some grapes.



List the weights for both the string beans and grapes.

The string beans weigh \_\_\_\_\_ grams.

The grapes weigh \_\_\_\_\_ grams.

# Exit Ticket

After the Student Debrief, instruct students to complete the Exit Ticket. A review of their work will help with assessing students' understanding of the concepts that were presented in today's lesson and planning more effectively for future lessons. The questions may be read aloud to the students.

Name \_\_\_\_\_

Date \_\_\_\_\_

The weights of a backpack and suitcase are shown below.

