Eureka Math

4th Grade
Module 3
Lesson 32

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

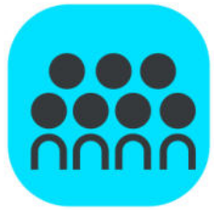
Personal White Board

Problem Set

Manipulatives Needed

Fluency

Think Pair Share



Whole Class

Individual

Partner

Small Group

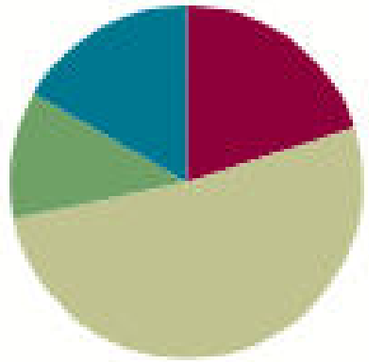
Small Group Time

Lesson 32

Objective: Interpret and find whole number quotients and remainders to solve one-step division word problems with larger divisors of 6, 7, 8, and 9.

Suggested Lesson Structure

Fluency Practice	(12 minutes)
Application Problem	(7 minutes)
Concept Development	(31 minutes)
Student Debrief	(10 minutes)
Total Time	**(60 minutes)**



I can interpret and find whole number quotients and remainders to solve one-step division word problems with larger divisors of 6,7,8, and 9.

Quadrilaterals

Display quadrilateral template

Multiply Units

2x4=____ Say this sentence in unit form.

Write it in standard form.

20x4=____ Say this sentence in unit form.

Write it in standard form.

Group Counting

Count forward and backward, occasionally changing the direction of the count.

Sixes to 60

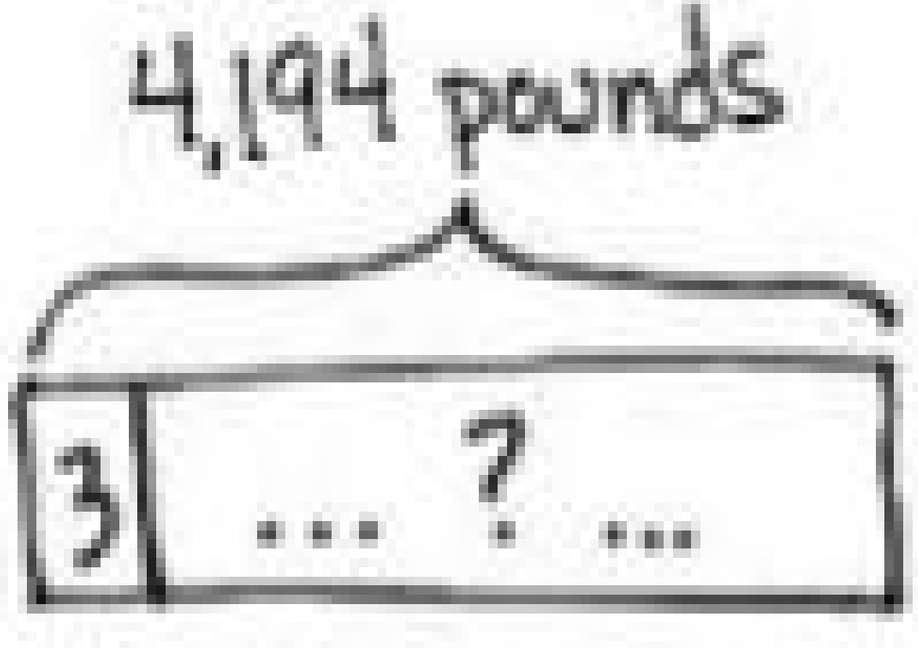
Sevens to 70

Eights to 80

Nines to 90

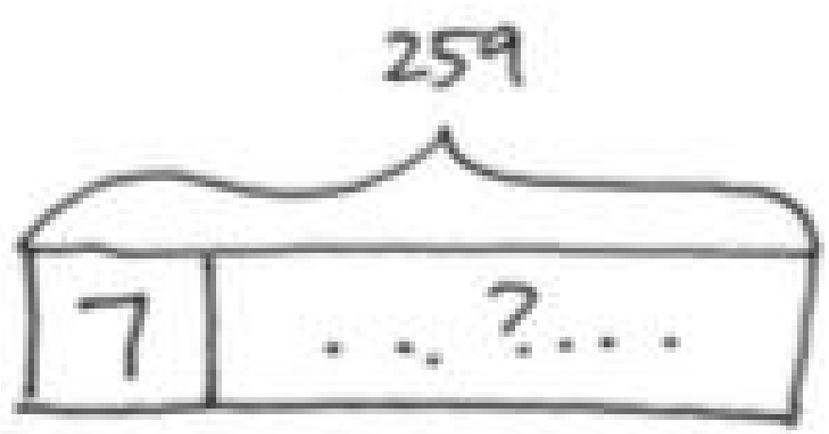
Application Problem

Use the tape diagram to create a division word problem that solves for the unkown, the total number of threes in 4,194. Switch word problems with a partner and solve.



We all know that there are 7 days in a week. How many weeks are in 259 days?

Draw what we need to know.

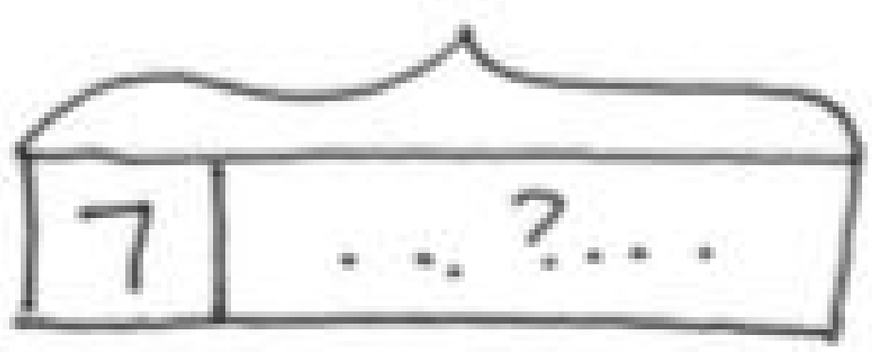


Why did we draw the tape diagram like this?

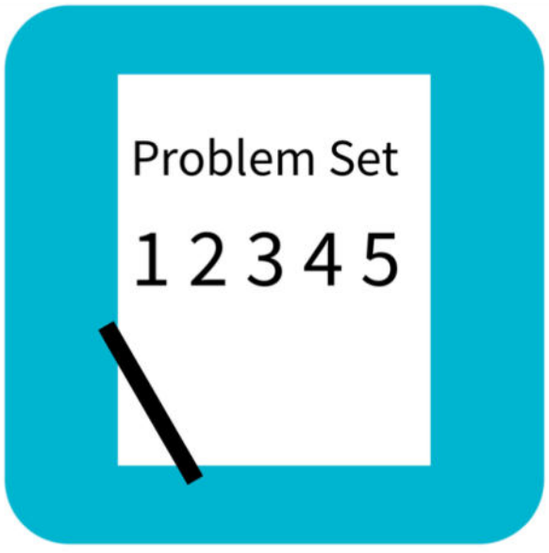
Everyone is given the same number of colored pencils in art class. If there are 249 colored pencils and 8 students, how many pencils does each student receive?

259

Explain to a partner why the tape diagram was drawn this way?



Mr. Hughes has 155 meters of volleyball netting. How many nets can he make if each court requires 9 meters of netting?



Problem Set

Name _____ Date _____

Solve the following problems. Draw tape diagrams to help you solve. If there is a remainder, shade in a small portion of the tape diagram to represent that portion of the whole.

1. A concert hall contains 8 sections of seats with the same number of seats in each section. If there are 248 seats, how many seats are in each section?

Debrief

- In problem 2, are you solving for the quotient the remainder, or both? Why?
- Did you have to revise your tape diagram for any problems? If so, which one(s), and why?
- In problem 4, did anyone get 15 teams? Why would that be an easy mistake to make?
- How could a special strategy be used to solve problem 1?
- How did yesterday's lesson prepare you for today's lesson?

Exit Ticket

Name _____ Date _____

Solve the following problems. Draw tape diagrams to help you solve. If there is a remainder, shade in a small portion of the tape diagram to represent that portion of the whole.

1. Mr. Foote needs exactly 6 folders for each fourth-grade student at Hoover Elementary School. If he bought 726 folders, to how many students can he supply folders?