Eureka Math

2nd Grade
Module 5
Lesson 3

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
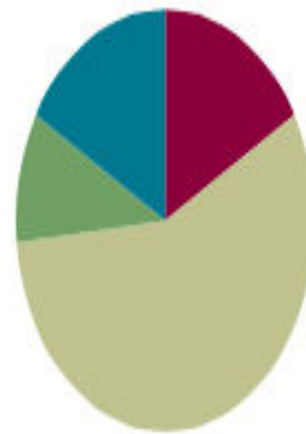
Whole Class

Individual

Partner

Small Group

Small Group Time

Lesson 2

Objective: Add and subtract multiples of 100, including counting on to subtract.

Suggested Lesson Structure

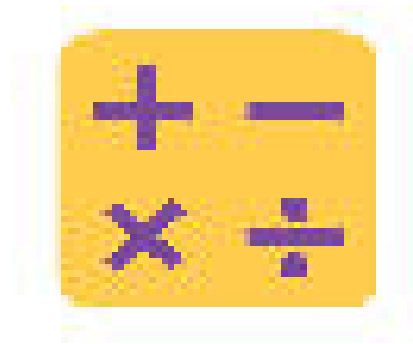|		
◼ Application Problem	(6 minutes)
◼ Fluency Practice	(10 minutes)
◼ Concept Development	(34 minutes)
◼ Student Debrief	(10 minutes)
Total Time	**(60 minutes)**

I can add multiples of 100 and tens.

Materials Needed:

Concept Development:
- (S) white boards

How Many More to Make 100?

Sprint

A

Number Correct: _____

Adding Multiples of Ten and Some Ones

1.	40 + 3 =		23.	45 + 44 =	
2.	40 + 8 =		24.	44 + 45 =	
3.	40 + 9 =		25.	30 + 20 =	
4.	40 + 10 =		26.	34 + 20 =	
5.	41 + 10 =		27.	34 + 21 =	
6.	42 + 10 =		28.	34 + 25 =	
7.	45 + 10 =		29.	34 + 52 =	
8.	45 + 11 =		30.	50 + 30 =	
9.	45 + 12 =		31.	56 + 30 =	
10.	44 + 12 =		32.	56 + 31 =	
11	43 + 12 =		33	56 + 32 =	

Application problems

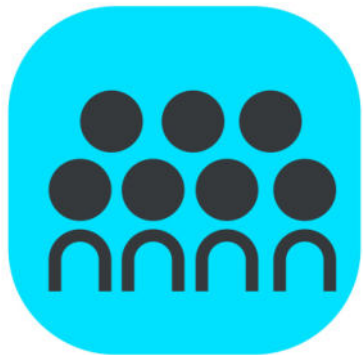A children's library sold 27 donated books. Now, they have 48. How many books were there to begin with?

There were 75 books to begin with.

CONCEPT DEVELOPMENT

Problem 1: 420 + 100 420 + 110

$$420 \xrightarrow{+100} 520$$

$$420 \xrightarrow{+100} 520 \xrightarrow{+10} 530$$
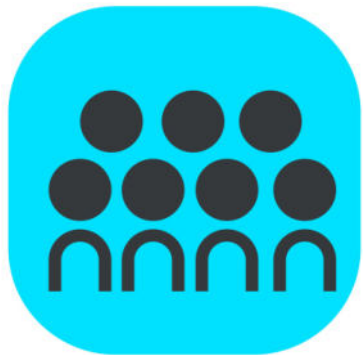
CONCEPT DEVELOPMENT

Problem 2: 550 + 200, 550 + 250, 550 +260

$$550 \xrightarrow{+200} 750$$

$$550 \xrightarrow{+200} 750 \xrightarrow{+50} 800$$

$$550 \xrightarrow{+200} 750 \xrightarrow{+50} 800 \xrightarrow{+10} 810$$
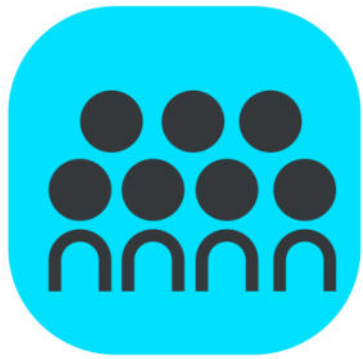
CONCEPT DEVELOPMENT

Problem 3: 280 + 200, 280+ 220, 280 +230

$$280 \xrightarrow{+200} 480$$

$$280 \xrightarrow{+200} 480 \xrightarrow{+20} 500$$

$$280 \xrightarrow{+200} 480 \xrightarrow{+20} 500 \xrightarrow{+10} 510$$
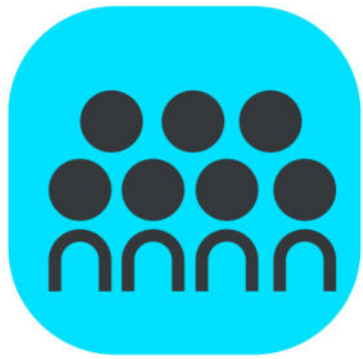
CONCEPT DEVELOPMENT

Problem 4: 470 + 200; 470 + 210; 470 + 230
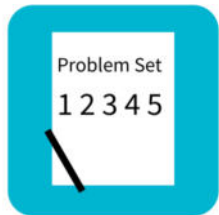
400 + 200

470 + 200

470 + 210

470 + 230

470 + 250
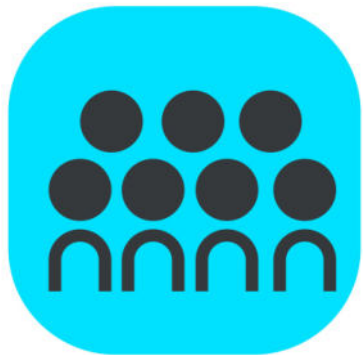
Problem 5: 590 + 240

$$590 \xrightarrow{+10} 600 \xrightarrow{+30} 630 \xrightarrow{+200} 830$$

Problem Set

Name _____   Date _____

1. Solve each set of problems using the arrow way.

a.

       380 + 200

       380 + 220

       380 + 230

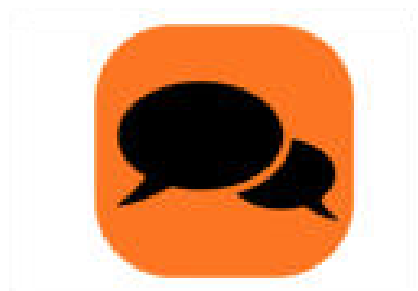b.

       470 + 400

       470 + 430

       470 + 450

c.

Debrief

For Problem 1(b),how does knowing 470+400 help you solve the other problems in that set?

In Problem 1,what do you notice about the second problem in each set?

Share with a partner: How did you use the arrow way to solve Problem 1(c), 650 + 280? How did you decompose 280 to add?

Debrief

For Problems 2(a) and (b),how did the first problem in each set help you solve the next two?

Share with a partner: For Problem 2(c), what was the most efficient way to add 280 + 260? Did you agree or disagree with your partner? Is there more than one way to solve?

How is thinking about the make ten strategy helpful when composing a new hundred?

Exit Ticket

Name _____   Date _____

Solve each set of problems using the arrow way.

1.

440 + 300

360 + 440

440 + 380

2.