Eureka Math

1st Grade
Module 4
Lesson 26

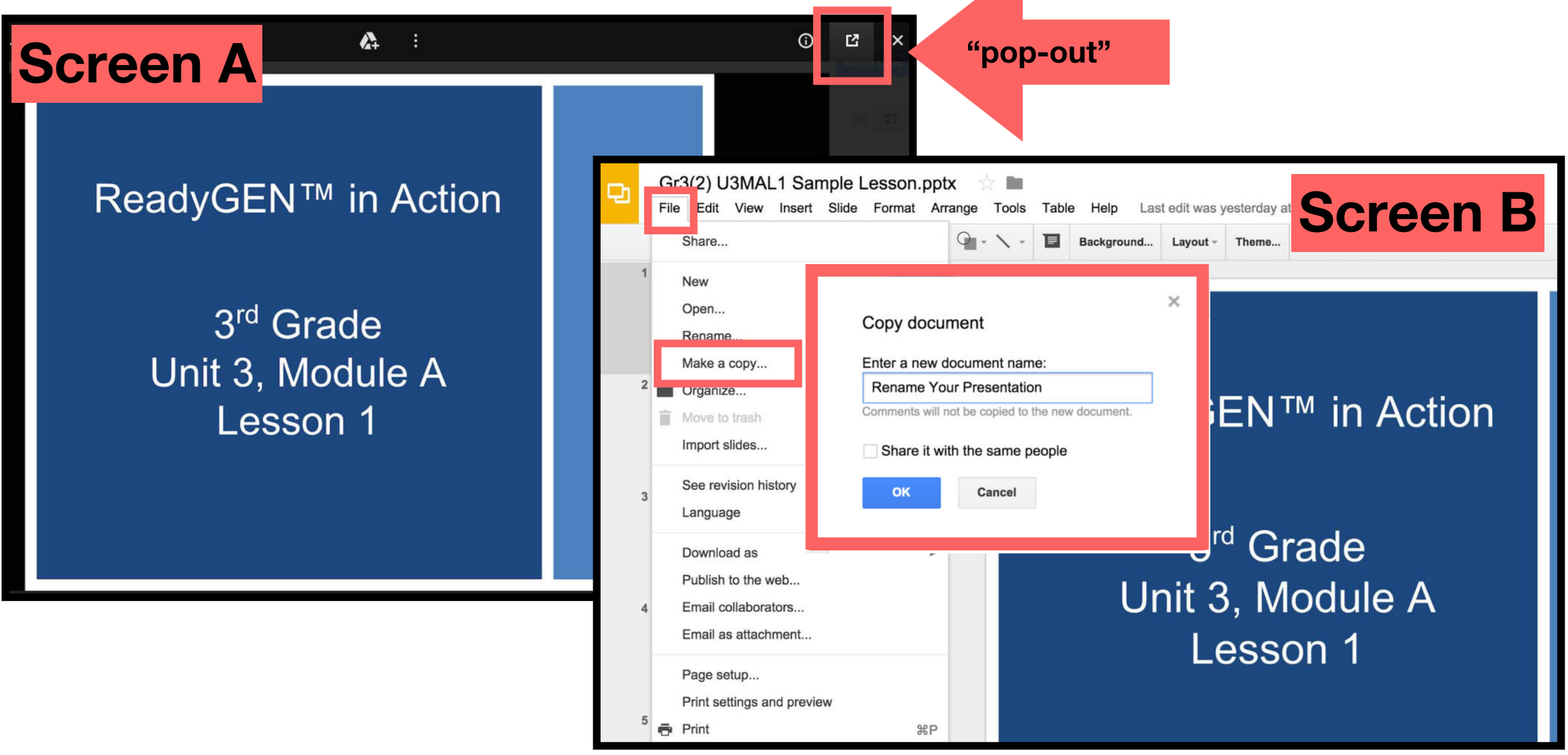
At the request of elementary teachers, a team of Bethel & Sumner educators met as a committee to create Eureka slideshow presentations. These presentations are not meant as a script, nor are they required to be used. Please customize as needed. Thank you to the many educators who contributed to this 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

Read, Draw, Write

Learning Target

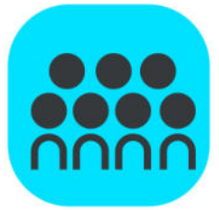
Personal White Board

Problem Set

Manipulatives Needed

Fluency

Think Pair Share



Whole Class

Individual

Partner

Small Group

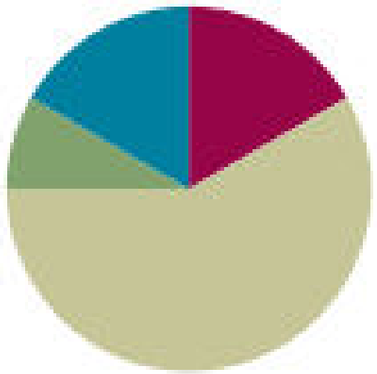
Small Group Time

Lesson 26

Objective: Add a pair of two-digit numbers when the ones digits have a sum greater than 10.

Suggested Lesson Structure

Application Problem	(5 minutes)
Fluency Practice	(10 minutes)
Concept Development	(35 minutes)
Student Debrief	(10 minutes)
Total Time	**(60 minutes)**



Materials Needed

- Fluency
  - Sprint Targeting Core Fluency: Missing Addends for Sums of Ten(s) (10 minutes)
- Concept Development

Materials:
(T) 5 ten-sticks (3 red and 2 yellow)
(S) 4 ten-sticks from math toolkit, personal white board

I can add a pair of two-digit numbers when the ones digits have a sum greater than 10.

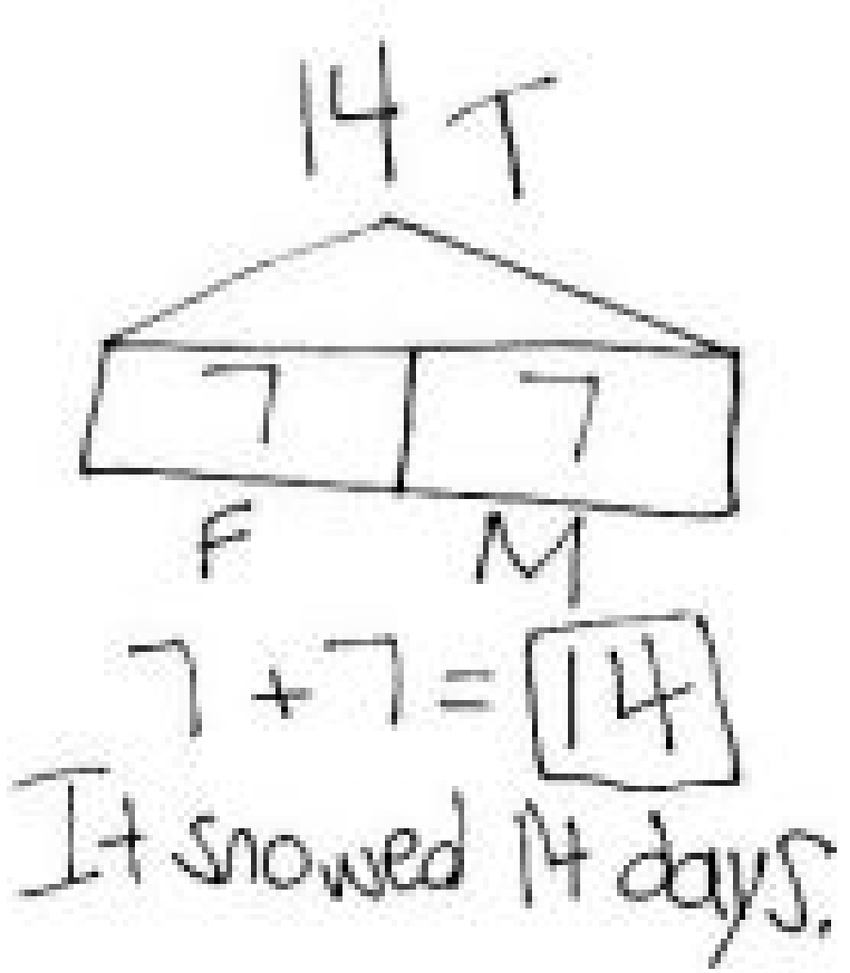
Application Problem

It snowed 7 days in February and the same number of days in March. How many days did it snow in those 2 months? Use the RDW process to solve the problem.

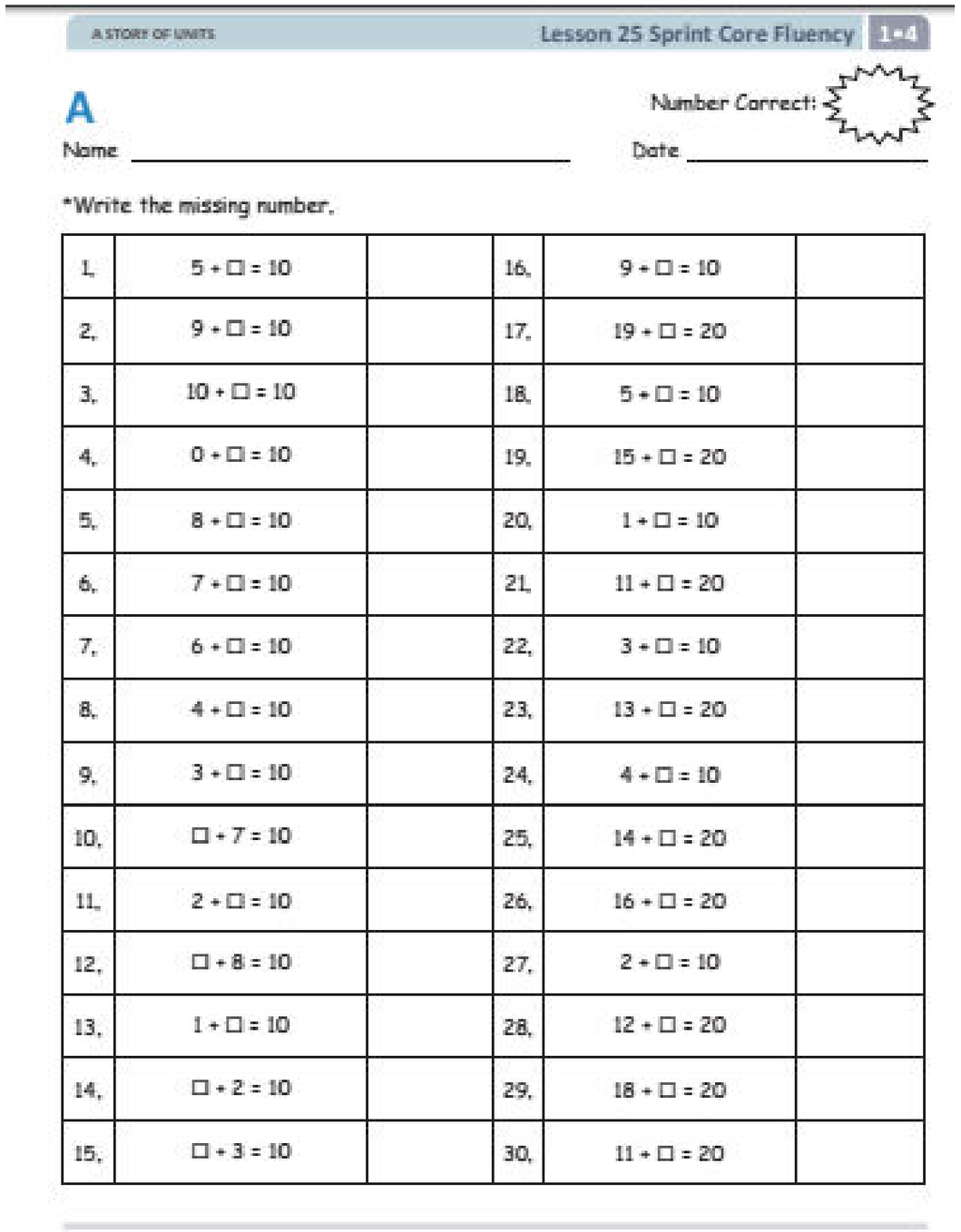
Extension: It snowed 3 days in January. How many days did it snow in all 3 months? How many more days did it snow in February than in January?

Application Problem

It snowed 7 days in February and the same number of days in March. How many days did it snow in those 2 months? Use the RDW process to solve the problem.



Core Fluency Differentiated Practice Set



A STORY OF UNITS — Lesson 25 Sprint Core Fluency — 1•4

A

Number Correct:

Name _____ Date _____

*Write the missing number.

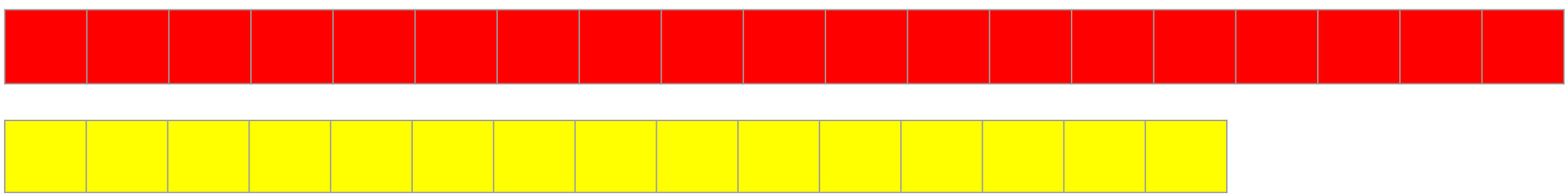
1.	5 + □ = 10		16.	9 + □ = 10	
2.	9 + □ = 10		17.	19 + □ = 20	
3.	10 + □ = 10		18.	5 + □ = 10	
4.	0 + □ = 10		19.	15 + □ = 20	
5.	8 + □ = 10		20.	1 + □ = 10	
6.	7 + □ = 10		21.	11 + □ = 20	
7.	6 + □ = 10		22.	3 + □ = 10	
8.	4 + □ = 10		23.	13 + □ = 20	
9.	3 + □ = 10		24.	4 + □ = 10	
10.	□ + 7 = 10		25.	14 + □ = 20	
11.	2 + □ = 10		26.	16 + □ = 20	
12.	□ + 8 = 10		27.	2 + □ = 10	
13.	1 + □ = 10		28.	12 + □ = 20	
14.	□ + 2 = 10		29.	18 + □ = 20	
15.	□ + 3 = 10		30.	11 + □ = 20	

Concept Development

19 + 15

How can I show you this using linking cubes?

(image on click)

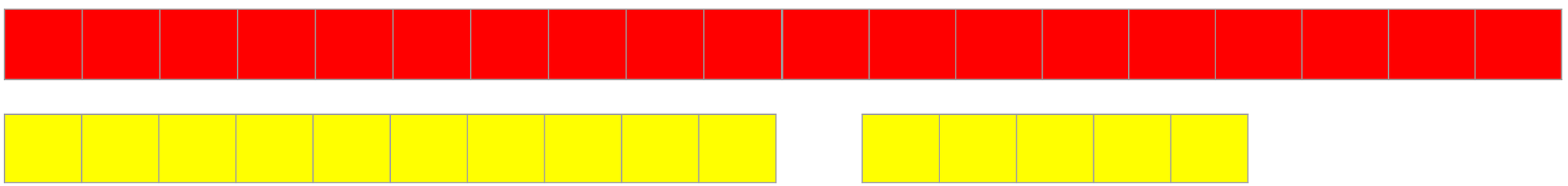


Partner A, make 19 with your cubes.
Partner B, make 15 with yours.

Concept Development

19 + 15

Let’s add on the tens first to solve.

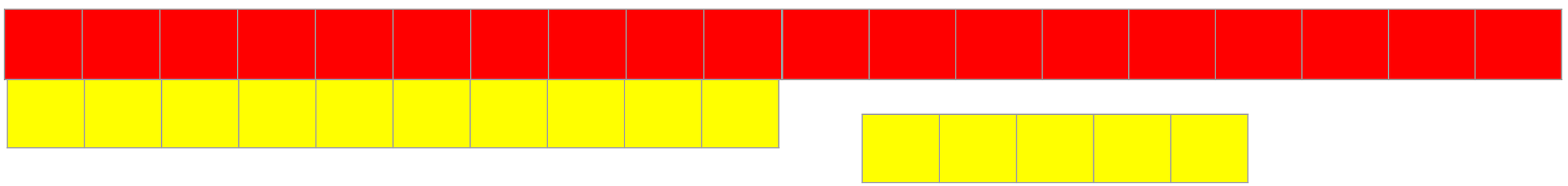


Let’s put our 10 yellow cubes next to our 19 red cubes. 19 and 10 is…. **29**

Concept Development

19 + 15

First we added 10 to our 19 red cubes and that is 29. What do we have left to add?



We now need to add these last 5 yellow cubes to 29. Take a moment and solve...We could add on 29, 30, 31, ...

Concept Development

19 + 15

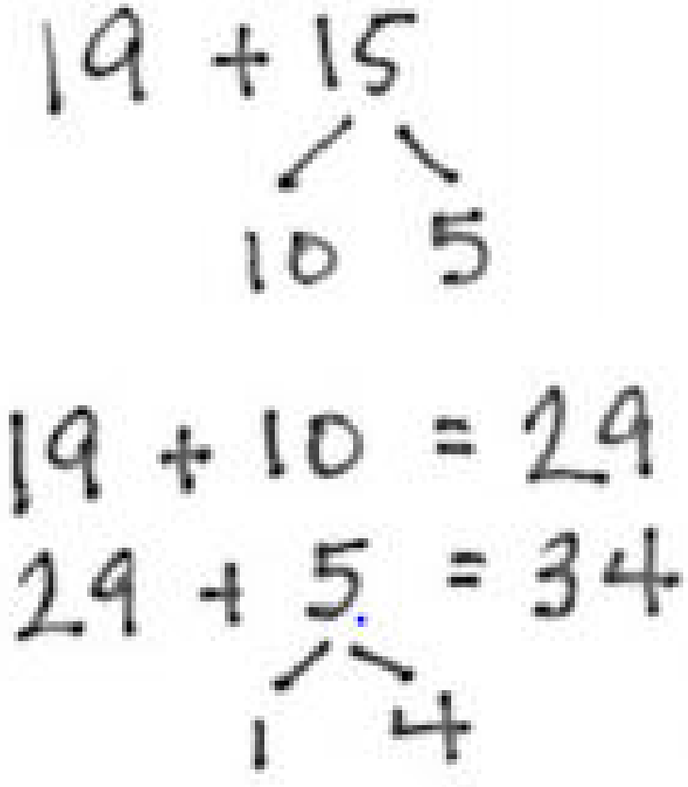
First we added 10 to our 19 red cubes and that is 29. What do we have left to add?

We now need to add these last 5 yellow cubes to 29. Take a moment and solve...We could add onto 29: 30, 31, 32, 33,**34**.

Concept Development

Let’s draw a number bond to show exactly how we solved 19 + 15.

(progression of number bond on clicks)



Concept Development

Now, with a partner, repeat the process with some of these problems.

19 + 16

19 + 18

18 + 17

17 + 15

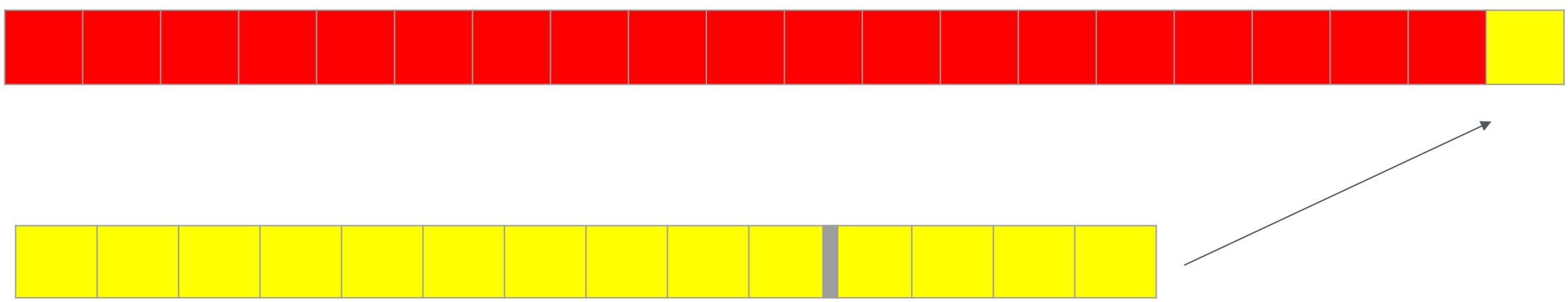
16 + 16

Concept Development

Let's look at the problem 19 + 15 again. Partner A make 19 with your cubes and Partner B make 15.

Last time we broke 15 into 10 and 5 because adding a ten is easy. What is another strategy we know that uses ten?

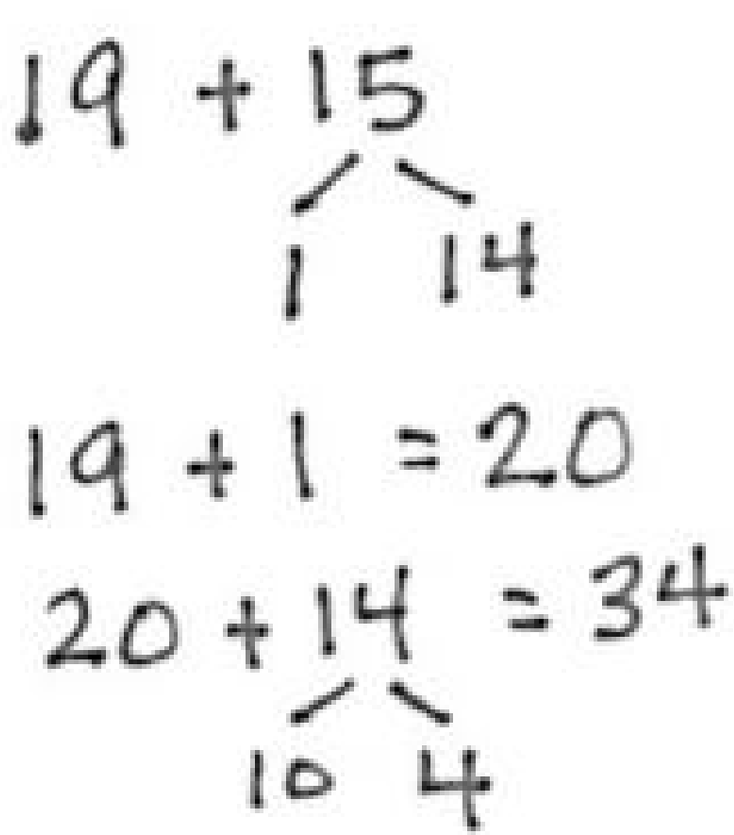
Let's get 19 to the next ten by adding 1 from the 15.



Now we have 20 + 14. Let's add ten from 14 to 20 to make 30. Then we are left to add the last 4 onto 30.

Concept Development

Let’s draw a number bond to show exactly how we solved 19 + 15 this time.



Concept Development

Work with your partner, and write the two number sentences that show how we made the next ten first to solve. (answers on click)

19 + 1 = 20

20 + 14 = 34

Concept Development

Look at the 2 ways we solved the same addition problem. **What do you notice about the difference in how we broke apart one of the addends.**

19 + 15

10 5

19 + 10 = 29

29 + 5 = 34

1 4

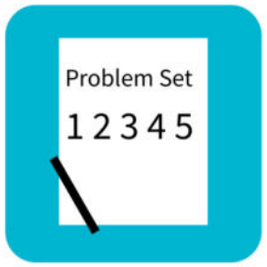
19 + 15

1 14

19 + 1 = 20

20 + 14 = 34

10 4



Problem Set

Name _____ Date _____

1. Solve using a number bond to add ten first. Write the 2 addition sentences that helped you.

a. 18 + 14 = ____

10 4

18 + 10 = 28

28 + 4 = 32

b. 14 + 17 = ____

10 4

17 + 10 = 27

27 + 4 = 31

c. 19 + 15 = ____

10 5

19 + 10 = _____

_____ + 5 = _____

d. 18 + 15 = ____

10 5

18 + 10 = _____

_____ + 5 = _____

e. 19 + 13 = ____

10 3

19 + 10 = _____

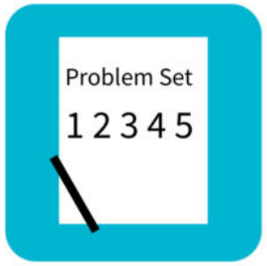
_____ + _____ = _____

f. 19 + 16 = _____

10 6

19 + 10 = _____

_____ + ____ = _____



Problem Set

2. Solve using a number bond to make a ten first. Write the 2 number sentences that helped you.

a. 19 + 14 = _____ 1 13 19 + 1 = 20 20 + 13 = 33	b. 18 + 13 = _____ 2 11 18 + 2 = 20 20 + 11 = 31
c. 18 + 14 = _____ 2 12 18 + 2 = _____ 20 + 12 = _____	d. 18 + 16 = _____ 2 14 18 + 2 = _____ _____ + 14 = _____
e. 15 + 17 = _____ 12 3 _____ + 3 = _____ _____ + 12 = _____	f. 17 + 18 = _____ 15 2 _____ + _____ = _____ _____ + _____ = _____

Debrief

How are Problems 1(a) and 1(b) related? How can solving 1(a) help you solve 1(b)?

Debrief

Which strategy is easier for you to use when you add? Adding on the ten first or making the next ten first? Explain why it’s easier for you.

Debrief

Using what we learned today, try solving 49 + 11.
Which strategy did you use?

Debrief

Look at the Application Problem from today and yesterday. How are they similar? How are they different?

Exit Ticket

Name _____ Date _____

1. Solve using number bonds to add ten first. Write the 2 number sentences that helped you.

a. 15 + 19 = ____  ____ + ____ = ____ ____ + ____ = ____	b. 19 + 17 = ____  ____ + ____ = ____ ____ + ____ = ____

2. Solve using number bonds to make a ten. Write the 2 number sentences that helped you.

a. 15 + 19 = ____  ____ + ____ = ____ ____ + ____ = ____	b. 19 + 17 = ____  ____ + ____ = ____ ____ + ____ = ____