

Eureka Math

1st Grade Module 1 Lesson 23

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Directions for customizing presentations are available on the next slide.

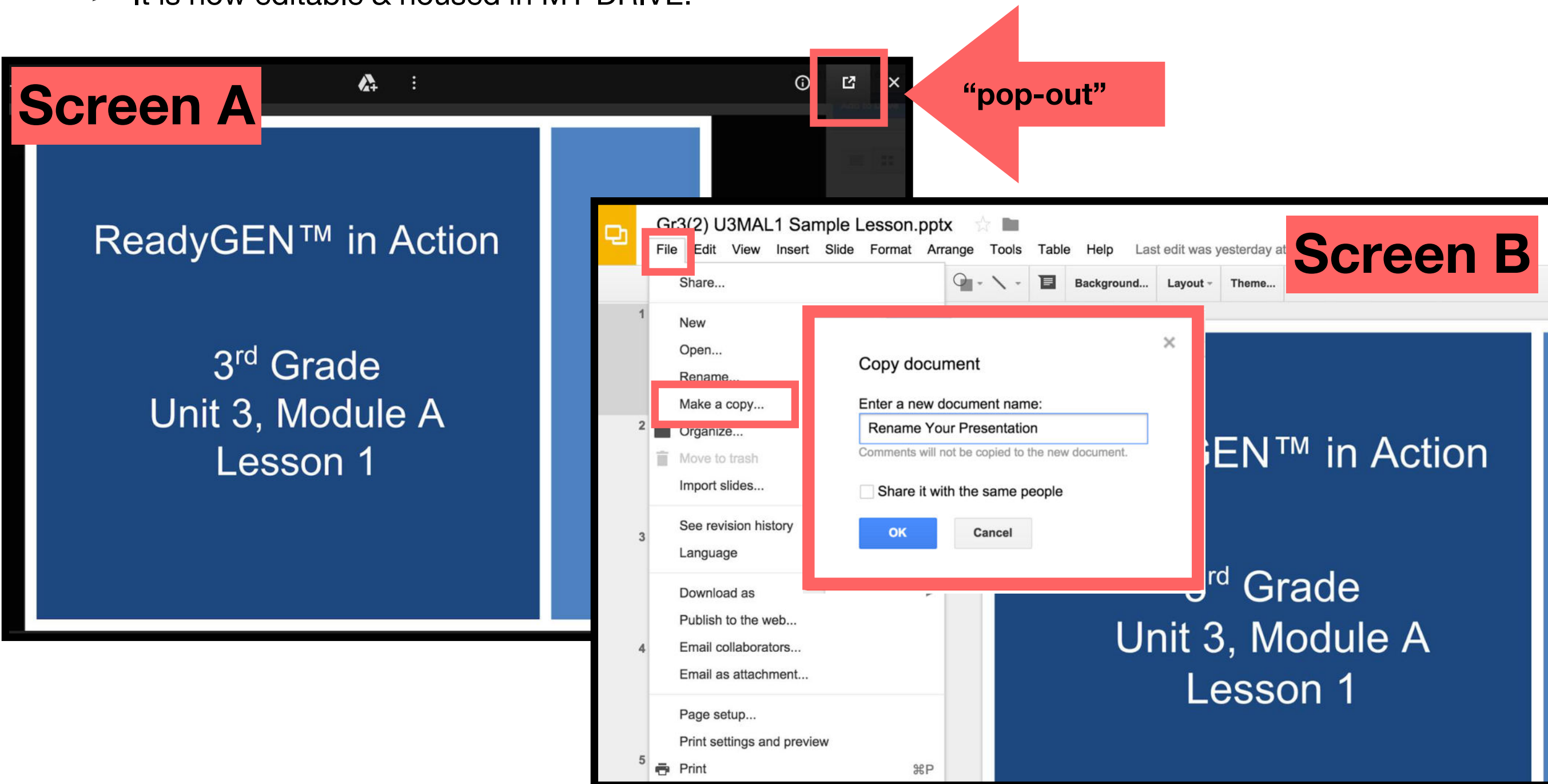


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Reflecting your Teaching Style and Learning Needs of Your Students

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- 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



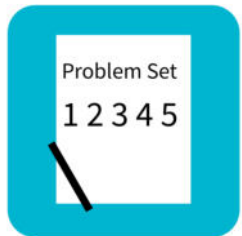
Read, Draw, Write



Learning Target



Personal White Board



Problem Set



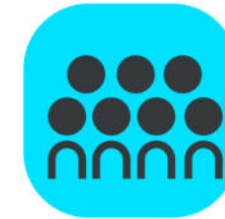
Manipulatives Needed



Fluency



Think Pair Share



Whole Class



Individual



Partner



Small Group



Small Group Time

Materials Needed

- (S) 5-group cards (0–8 only) (Lesson 5 Template 1)
- (T) Addition chart with sums to 10 to project or post (Lesson 21 Template)
- (T) cover paper
 - An addition chart with a cover will be projected for some of the lesson, but a paper copy with a cover will be required for some of the lesson as well
- (T) markers (three different colors)
- (S) Addition chart with sums to 10 (Lesson 21 Template),
- (S) Pencils or another writing utensil with three different colors

Lesson 23

Objective: Look for and make use of structure on the addition chart by looking for and coloring problems with the same total.

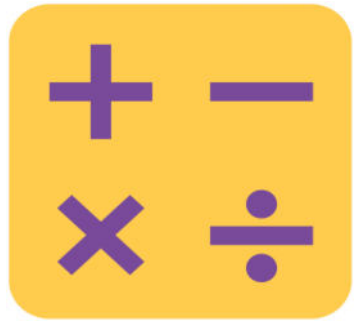
Suggested Lesson Structure

■ Fluency Practice	(12 minutes)
■ Application Problem	(8 minutes)
■ Concept Development	(30 minutes)
■ Student Debrief	(10 minutes)
Total Time	(60 minutes)

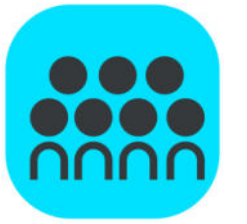




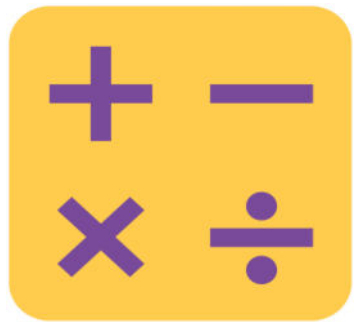
I can look for and make use of structure on the addition chart by looking for and coloring problems with the same total.



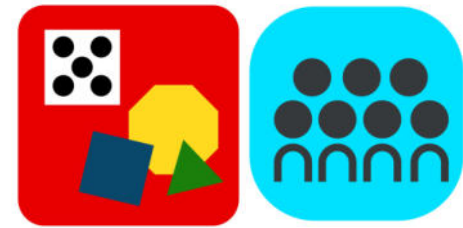
Happy Counting by Twos



Let's do Happy Counting by twos from 0 to 20.



Missing Part: 8



You will work with partners, using 5-group cards. Each of you puts a card on your forehead. Your partner tells how many more to make 8. You must guess the cards on their foreheads. Partners can play simultaneously.



Number Bond Dash:

8

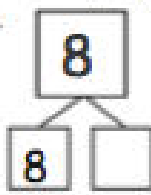
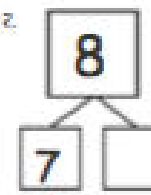
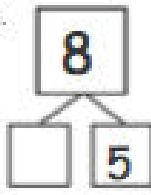
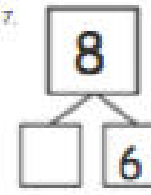
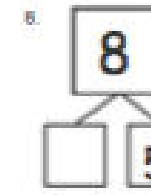
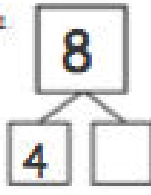
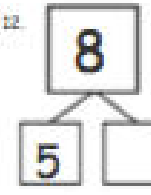
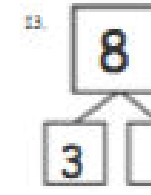
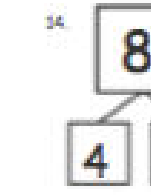
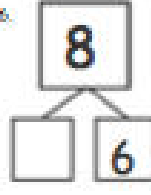
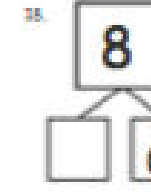
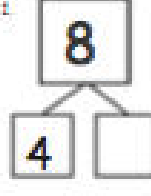
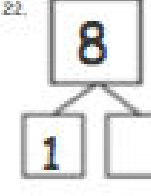
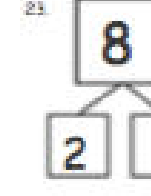


Let's do a Number
Bond Dash!

A STORY OF UNITS Lesson 7 Fluency Template 2 1•1

Name _____ Date _____

Do as many as you can in 90 seconds. Write the number of bonds you finished here: 

1. 	2. 	3. 	4. 	5. 
6. 	7. 	8. 	9. 	10. 
11. 	12. 	13. 	14. 	15. 
16. 	17. 	18. 	19. 	20. 
21. 	22. 	23. 	24. 	25. 

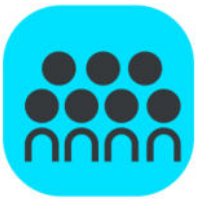
Application Problem

John has 3 stickers. Mark has 4 stickers. Anna has 5 stickers. They each get two more stickers. How many do they each have now? Write a number bond and number sentence for each student.





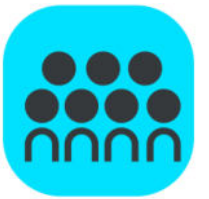
100



Concept Development

What is $4+6$?

	1 + 5	1 + 6	1 + 7	1 + 8	1 + 9
	2 + 5	2 + 6	2 + 7	2 + 8	
	3 + 5	3 + 6	3 + 7		
	4 + 5	4 + 6			
	5 + 5				



Concept Development

4+6 is 10!

	1 + 5	1 + 6	1 + 7	1 + 8	1 + 9
	2 + 5	2 + 6	2 + 7	2 + 8	
	3 + 5	3 + 6	3 + 7		
	4 + 5	4 + 6			
	5 + 5				



Concept Development

What is $3+7$?

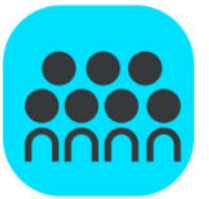
	$1+5$	$1+6$	$1+7$	$1+8$	$1+9$
	$2+5$	$2+6$	$2+7$	$2+8$	
	$3+5$	$3+6$	$3+7$		
	$4+5$	$4+6$			
	$5+5$				



Concept Development

3+7 is 10!

	1 + 5	1 + 6	1 + 7	1 + 8	1 + 9
	2 + 5	2 + 6	2 + 7	2 + 8	
	3 + 5	3 + 6	3 + 7		
	4 + 5	4 + 6			
	5 + 5				



Concept Development

What is $2+8$?

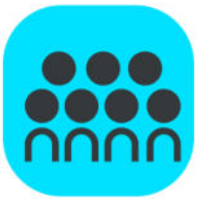
1 + 5	1 + 6	1 + 7	1 + 8	1 + 9
2 + 5	2 + 6	2 + 7	2 + 8	
3 + 5	3 + 6	3 + 7		
4 + 5	4 + 6			
5 + 5				



Concept Development

2+8 is 10!

	1 + 5	1 + 6	1 + 7	1 + 8	1 + 9
	2 + 5	2 + 6	2 + 7	2 + 8	
	3 + 5	3 + 6	3 + 7		
	4 + 5	4 + 6			
	5 + 5				



Concept Development

What is $1+9$?

1 + 5	1 + 6	1 + 7	1 + 8	1 + 9
2 + 5	2 + 6	2 + 7	2 + 8	
3 + 5	3 + 6	3 + 7		
4 + 5	4 + 6			
5 + 5				



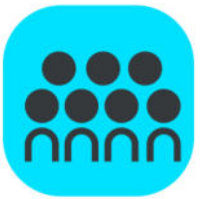
Concept Development

1+9 is 10!

	1 + 5	1 + 6	1 + 7	1 + 8	1 + 9
	2 + 5	2 + 6	2 + 7	2 + 8	
	3 + 5	3 + 6	3 + 7		
	4 + 5	4 + 6			
	5 + 5				



	1 + 5	1 + 6	1 + 7	1 + 8	1 + 9
	2 + 5	2 + 6	2 + 7	2 + 8	
	3 + 5	3 + 6	3 + 7		
	4 + 5	4 + 6			
	5 + 5				



Concept Development

They are all the same! The totals are all 10!

They look like they're moving up like stairs!

	1 + 5	1 + 6	1 + 7	1 + 8	1 + 9
	2 + 5	2 + 6	2 + 7	2 + 8	
	3 + 5	3 + 6	3 + 7		
	4 + 5	4 + 6			
	5 + 5				



Concept Development

You said all of the totals are 10. Help me color in the expressions that equal 10.

	1 + 5	1 + 6	1 + 7	1 + 8	1 + 9
	2 + 5	2 + 6	2 + 7	2 + 8	
	3 + 5	3 + 6	3 + 7		
	4 + 5	4 + 6			
	5 + 5				



Concept Development

What is $4+5$?

	$1 + 5$	$1 + 6$	$1 + 7$	$1 + 8$	$1 + 9$
	$2 + 5$	$2 + 6$	$2 + 7$	$2 + 8$	
	$3 + 5$	$3 + 6$	$3 + 7$		
	$4 + 5$	$4 + 6$			
	$5 + 5$				



Talk with your partner. Find the other expressions that equal 9.

1 + 5	1 + 6	1 + 7	1 + 8	1 + 9
2 + 5	2 + 6	2 + 7	2 + 8	
3 + 5	3 + 6	3 + 7		
4 + 5	4 + 6			
5 + 5				



Concept Development

Let's color them in.

	1 + 5	1 + 6	1 + 7	1 + 8	1 + 9
	2 + 5	2 + 6	2 + 7	2 + 8	
	3 + 5	3 + 6	3 + 7		
	4 + 5	4 + 6			
	5 + 5				

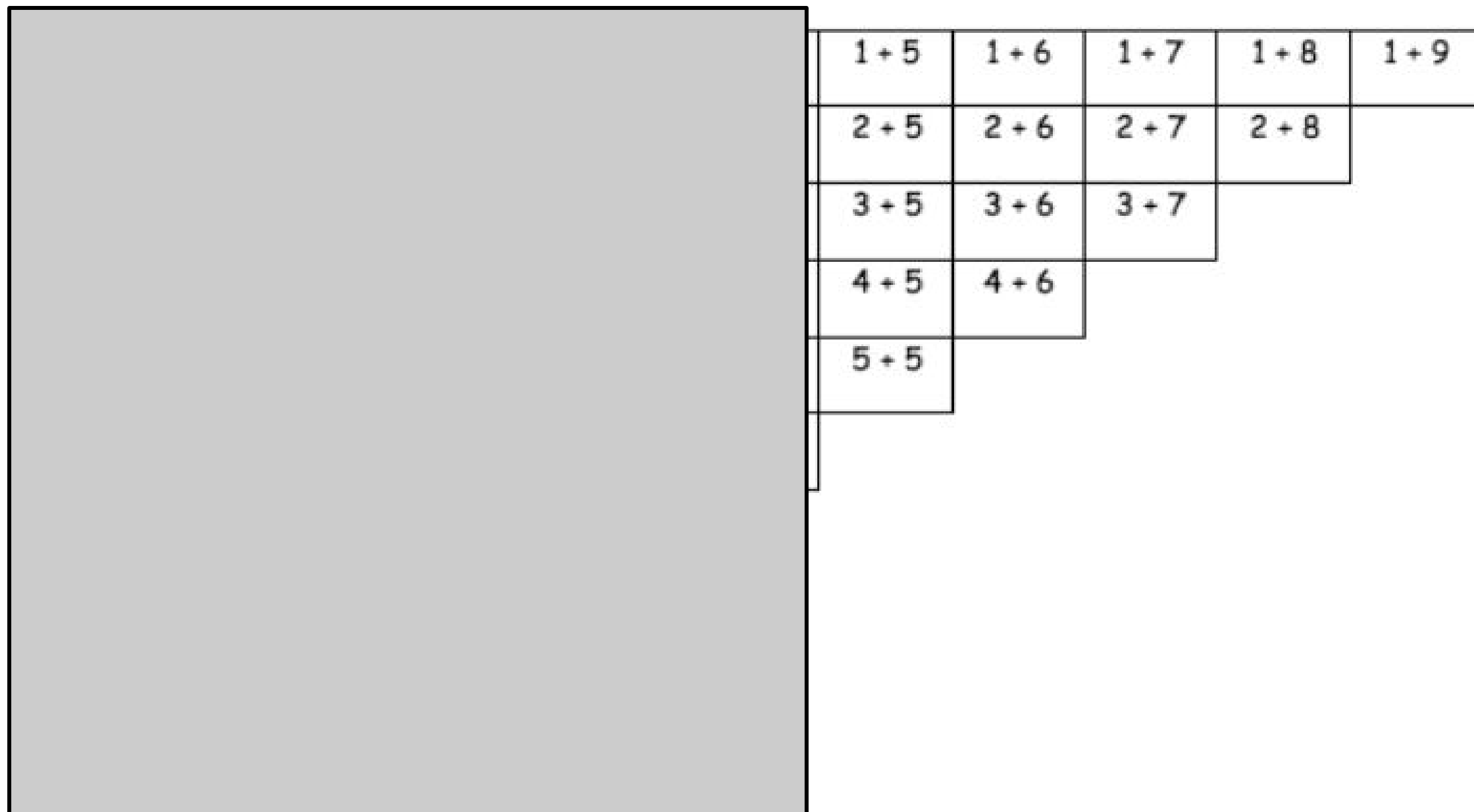


	1 + 5	1 + 6	1 + 7	1 + 8	1 + 9
	2 + 5	2 + 6	2 + 7	2 + 8	
	3 + 5	3 + 6	3 + 7		
	4 + 5	4 + 6			
	5 + 5				



Concept Development

They all equal 9! The totals are all 1 less than the ones we colored in for 10. They make another staircase!





Concept Development

With your partner, look for expressions that equal 8.
When you both agree, color them in with your last colored pencil.

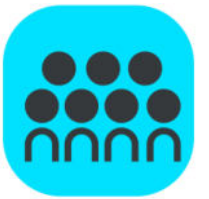
	1 + 5	1 + 6	1 + 7	1 + 8	1 + 9
	2 + 5	2 + 6	2 + 7	2 + 8	
	3 + 5	3 + 6	3 + 7		
	4 + 5	4 + 6			
	5 + 5				



Concept Development

Which expressions equal 8?

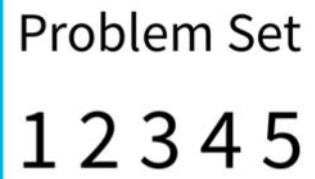
	1 + 5	1 + 6	1 + 7	1 + 8	1 + 9
	2 + 5	2 + 6	2 + 7	2 + 8	
	3 + 5	3 + 6	3 + 7		
	4 + 5	4 + 6			
	5 + 5				



Concept Development

What patterns are you noticing?

	1 + 5	1 + 6	1 + 7	1 + 8	1 + 9
	2 + 5	2 + 6	2 + 7	2 + 8	
	3 + 5	3 + 6	3 + 7		
	4 + 5	4 + 6			
	5 + 5				



A STORY OF UNITS

1.1

Use your chart to write a list of number sentences in the spaces below.

[illegible]

Debrief

- Look at your Application Problem. What is similar in each of your number bonds? What is different? Could one number bond or number sentence help you solve another one?
- What did you notice about the number of boxes of each color? How many boxes will be colored for the total of 4? 3?
- Why do you think we have more totals for 10 compared to totals for 5?
- Which totals are the easiest for you to solve? Why?
- Which totals do you think you need to practice the most? What can you do to get better at these
- expressions?
- ? How is today's work similar to what we did yesterday? How is it different?

Exit Ticket

A STORY OF UNITS

Lesson 23 Homework

1•1

Name _____ Date _____

Fill in the missing box, and find the totals for all of the expressions. Use your completed addition chart to help you.

1.

$1 + 2$	$1 + 3$
$2 + 2$	
$3 + 2$	$3 + 3$

2.

$6 + 1$	$6 + 2$
$7 + 1$	
	$8 + 2$
$9 + 1$	

3.

$4 + 4$	$4 + 5$	
$5 + 4$		
$6 + 4$		

4.

$2 + 4$		$2 + 6$
	$3 + 5$	

