Eureka Math

1st Grade
Module 2
Lesson 7

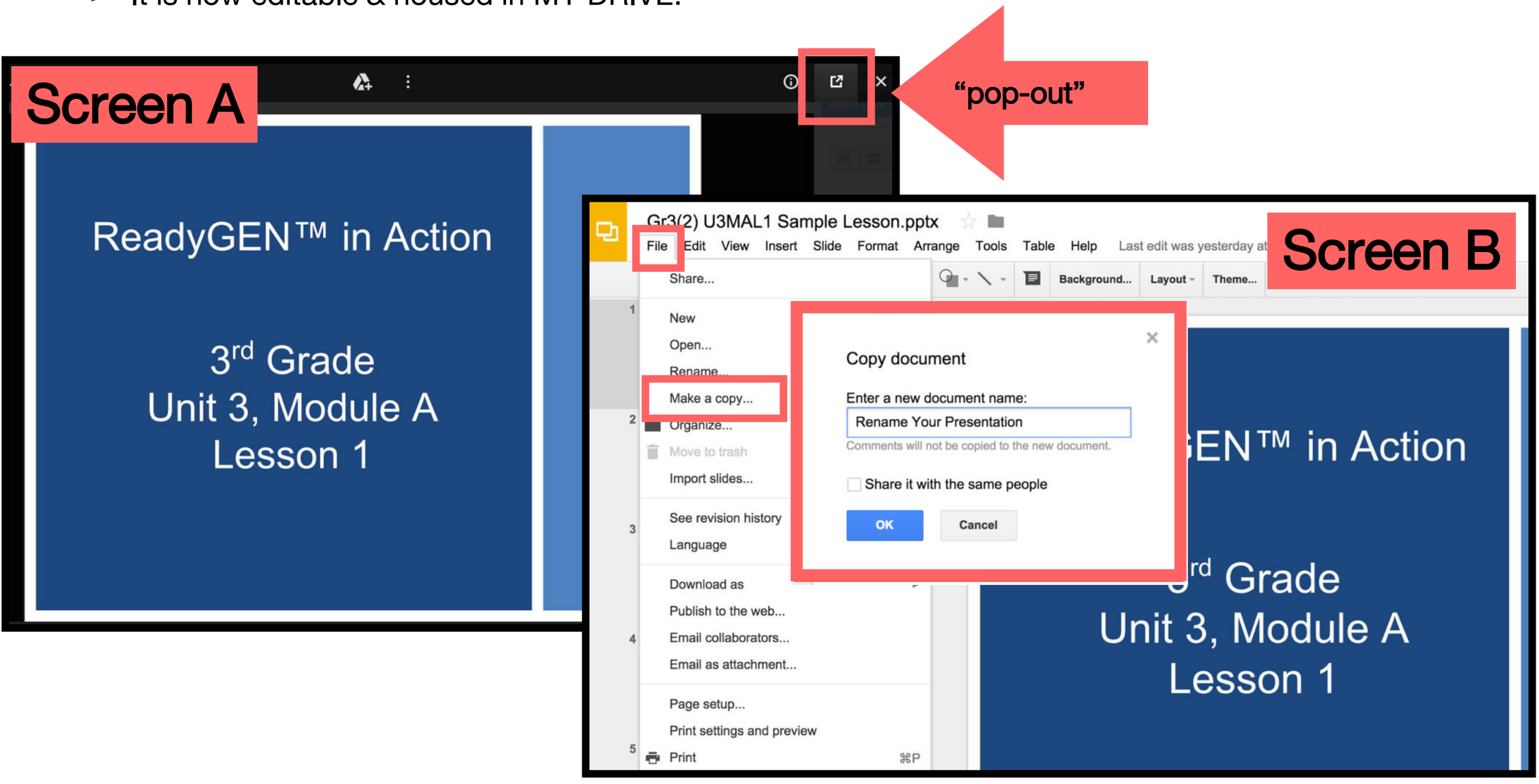
At the request of elementary teachers, a team of Bethel & Sumner educators met as a committee to create Eureka slideshow presentations. These presentations are not meant as a script, nor are they required to be used. Please customize as needed. Thank you to the many educators who contributed to this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

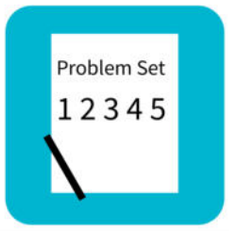


Icons

Read, Draw, Write

Learning Target

Personal White Board

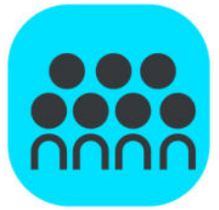


Problem Set

Manipulatives Needed

Fluency

Think Pair Share



Whole Class

Individual

Partner

Small Group

Small Group Time

Materials Needed

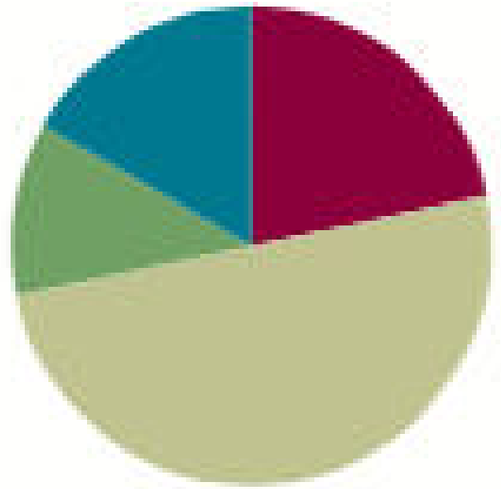
- (T) 9 + n addition cards (Fluency Template 1)
  - Note: these are needed for the Add to 9 fluency. The addition expressions are included in the slides, though, if you don't want to use the cards.
- (S) Personal white board
- (T) 10 cubes of one color and 10 cubes of another color
- (T) ten-frame border
  - You will need some way to put a 10 frame border around 10 cubes. (S) 10 cubes of one color and 10 cubes of another color

Lesson 7

Objective: Make ten when one addend is 8.

Suggested Lesson Structure

Fluency Practice	(13 minutes)
Application Problem	(7 minutes)
Concept Development	(30 minutes)
Student Debrief	(10 minutes)
Total Time	**(60 minutes)**



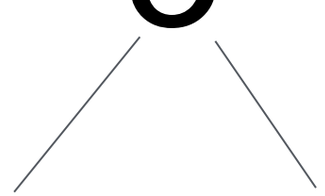
I can make 10 with one addend is 8.

Add to 9

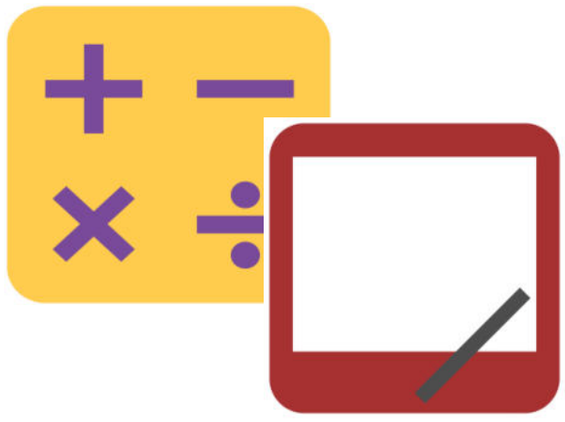
Write this equation with three addends to make 10.

$$9 + 3$$

Add to 9



$$9 + 1 + 2 = 12$$

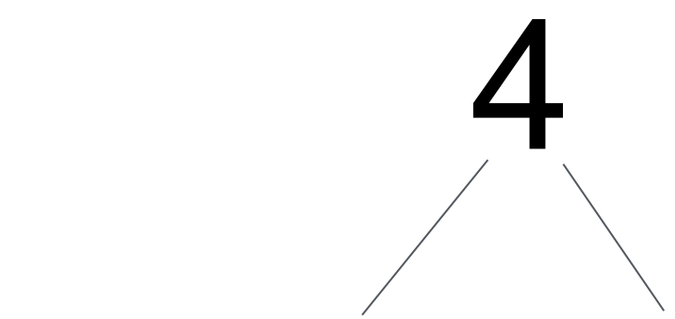


Add to 9

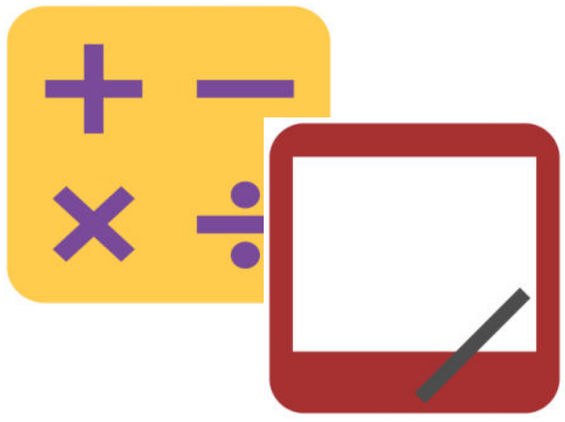
Write this equation with three addends to make 10.

$$9 + 4$$

Add to 9



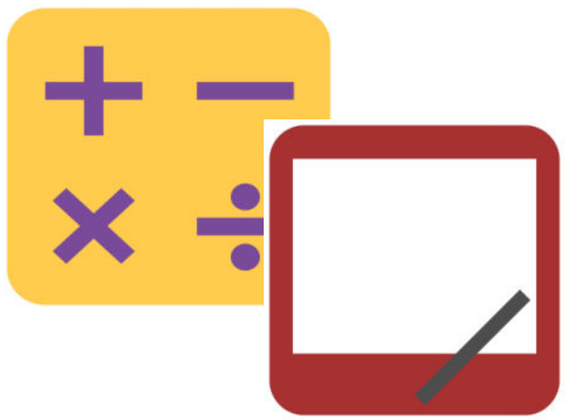
$$9 + 1 + 3 = 13$$



Add to 9

Write this equation with three addends to make 10.

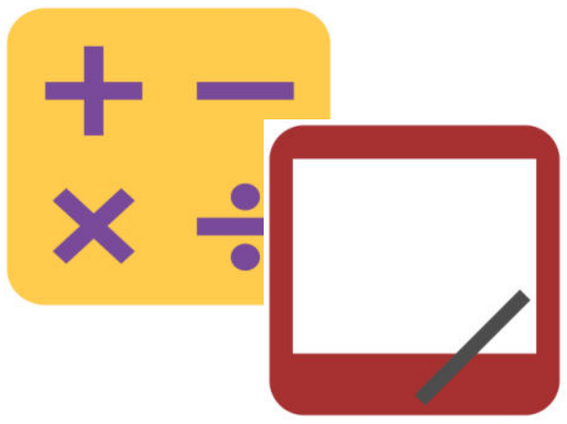
$$9 + 7$$



Add to 9

7

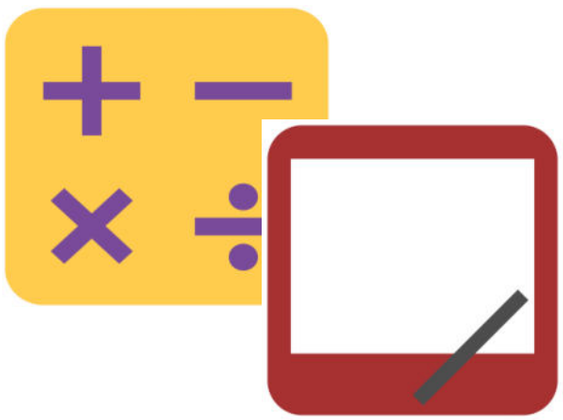
9 + 1 + 6 = 16



Add to 9

Write this equation with three addends to make 10.

$$9 + 5$$



Add to 9

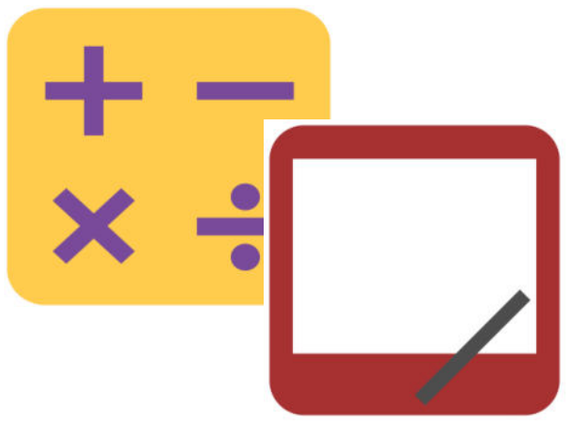
5

9 + 1 + 4 = 14

Add to 9

Write this equation with three addends to make 10.

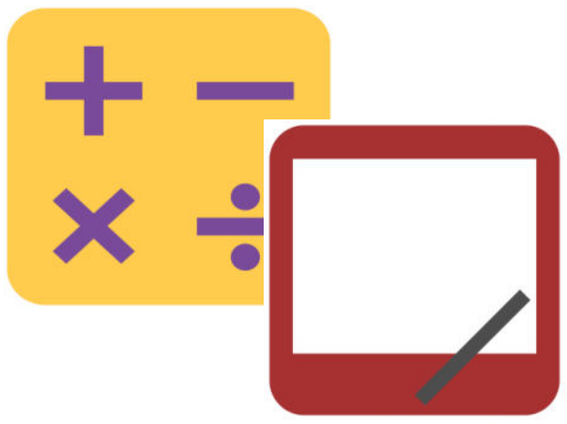
$$9 + 2$$



Add to 9

2

9 + 1 + 1 = 11



Add to 9

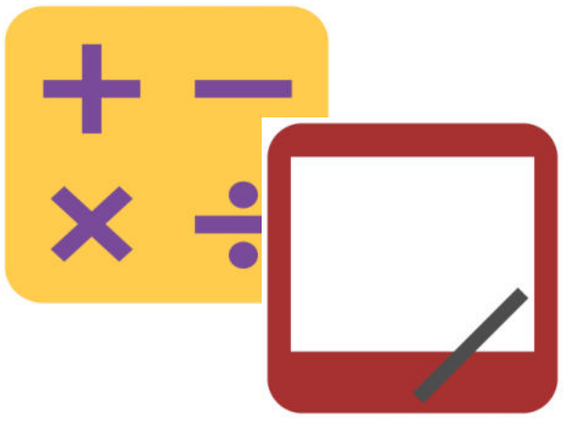
Write this equation with three addends to make 10.

$$9 + 6$$

Add to 9

6

9 + 1 + 5 = 15



Add to 9

Write this equation with three addends to make 10.

$$9 + 8$$

Add to 9

8

9 + 1 + 7 = 17

Take Out 2:
Addition Sentences

I will say a number between 2 and 10. You say an addition sentence beginning with 2!

For example, if I show you 8 you are going to say

$$2 + 6$$

Take Out 2:
Addition Sentences

Get Ready to take out 2!

7

Take Out 2:
Addition Sentences

Get Ready to take out 2!

7

2 + 5

Take Out 2:
Addition Sentences

Get Ready to take out 2!

4

Take Out 2:
Addition Sentences

Get Ready to take out 2!

4

2 + 2

Take Out 2:
Addition Sentences

Get Ready to take out 2!

6

Take Out 2:
Addition Sentences

Get Ready to take out 2!

6

2 + 4

Take Out 2:
Addition Sentences

Get Ready to take out 2!

5

Take Out 2:
Addition Sentences

Get Ready to take out 2!

5

2 + 3

Take Out 2:
Addition Sentences

Get Ready to take out 2!

8

Take Out 2:
Addition Sentences

Get Ready to take out 2!

8

2 + 6

Take Out 2:
Addition Sentences

Get Ready to take out 2!

7

Take Out 2:
Addition Sentences

Get Ready to take out 2!

7

2 + 5

Take Out 2:
Addition Sentences

Get Ready to take out 2!

10

Take Out 2:
Addition Sentences

Get Ready to take out 2!

10

2 + 8

Application Problem

Stacy made 6 drawings. Matthew made 2 drawings. Tim made 4 drawings. How many drawings did they make altogether? Use a drawing, a number sentence, and a statement to match the story.

Concept Development

Let’s read this story problem:

Peter has 8 books, and Willie has 5. How many books do they have altogether?

Concept Development

Peter has 8 books, and Willie has 5. How many books do they have altogether?

What is the expression to solve this problem?

Concept Development

Peter has 8 books, and Willie has 5. How many books do they have altogether?

The expression is 8 + 5!

Concept Development

Peter has 8 books, and Willie has 5. How many books do they have altogether?

On your personal white board, use one color of linking cubes in 5-groups to show how many books Peter has.

Concept Development

Peter has 8 books, and Willie has 5. How many books do they have altogether?

On your personal white board, use one color of linking cubes in 5-groups to show how many books Peter has.

Concept Development

Use one color of cubes to show how many books Willie has. Put them in a line of five next to your board.

Concept Development

What are the different ways we can solve

8 + 5?

Concept Development

I heard some of you say these suggestions: Count on! Make ten with 5!

Make ten with 8!

Concept Development

Let’s use the last strategy to solve 8 + 5.
Everyone, make ten with 8.

Concept Development

With your marker, draw a frame around your 10 cubes.

Concept Development

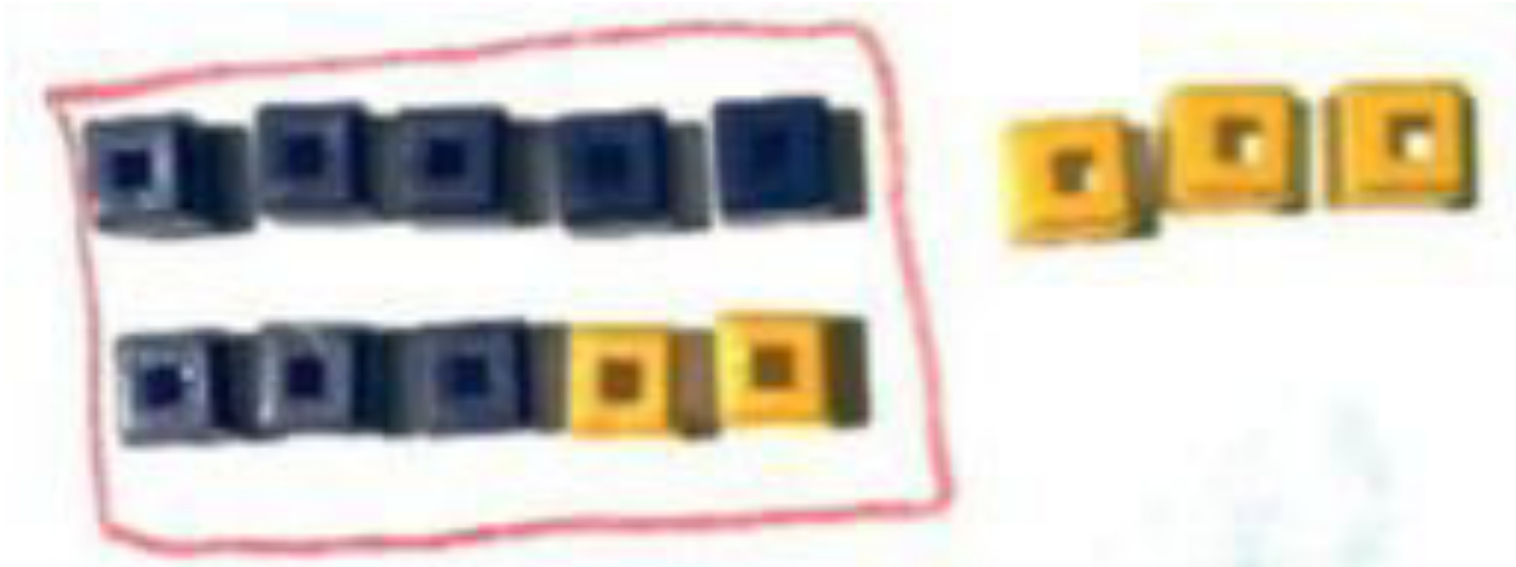
We have 10 here. What do we have left here?

Concept Development

We have 3 left here!

Concept Development

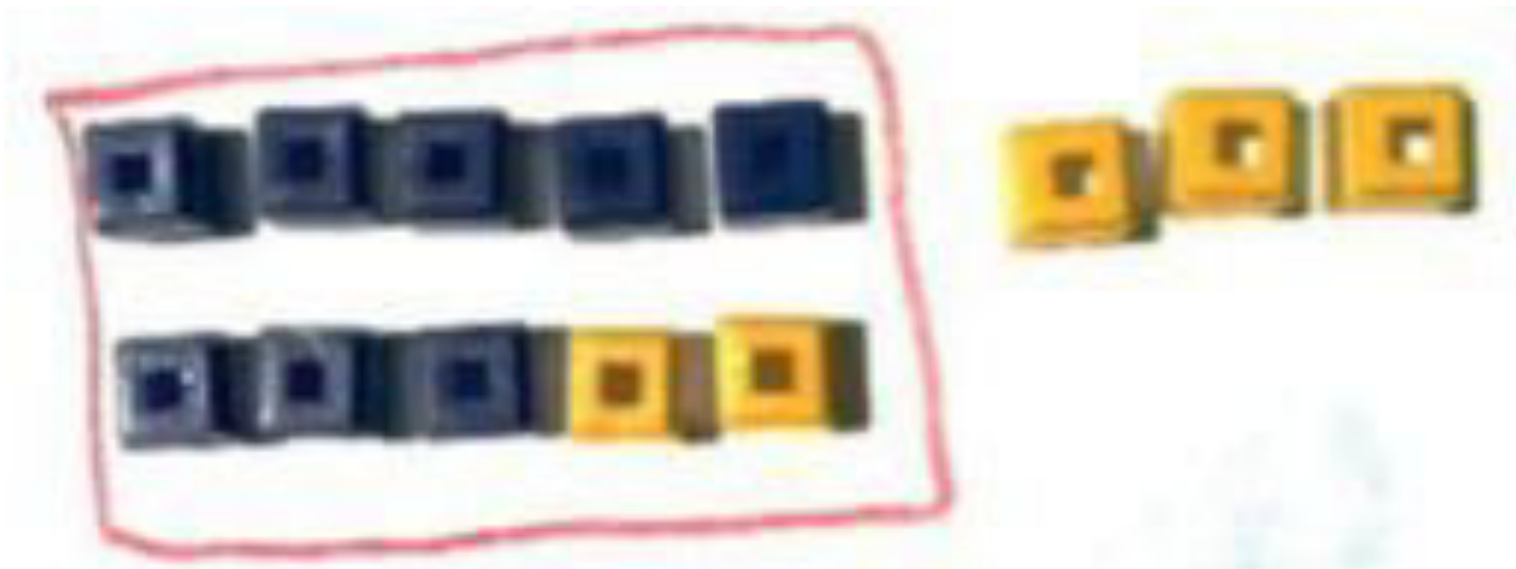
Look at your new groups. What is our new number sentence?



Concept Development

10+3=13

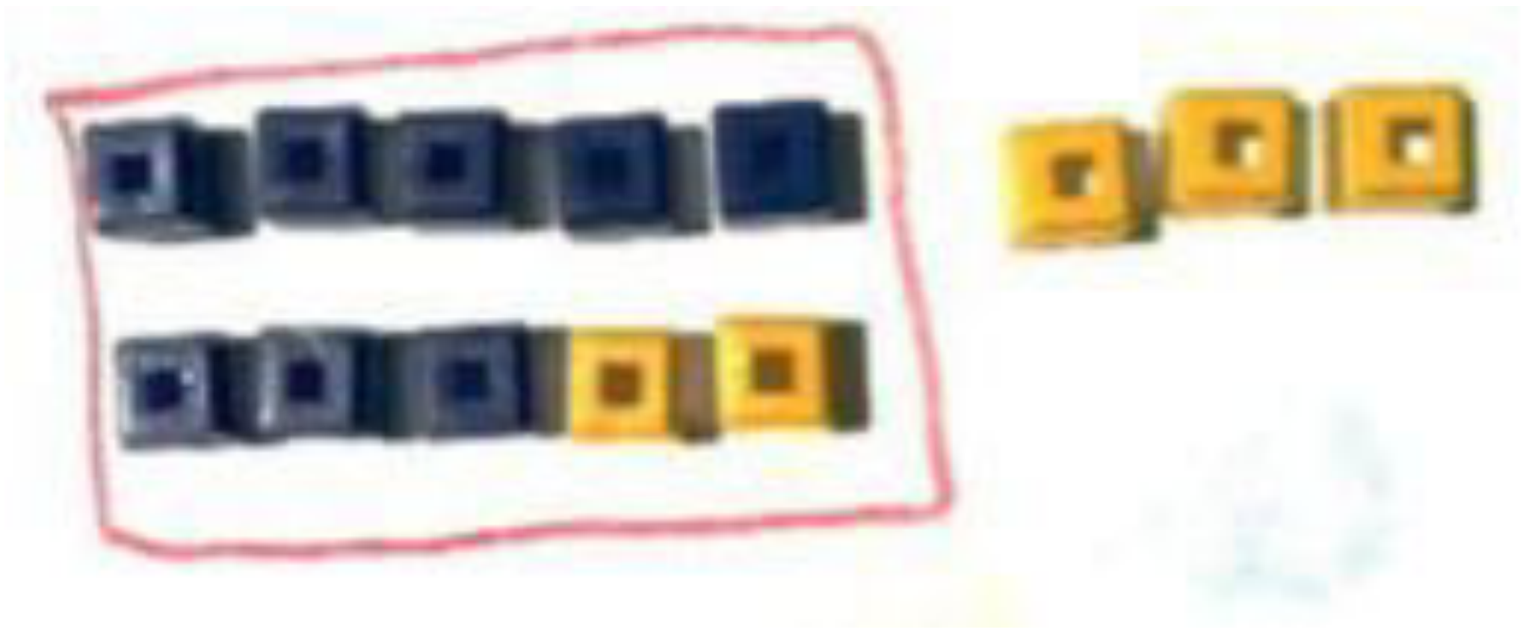
Did we change the number of linking cubes we have?



Concept Development

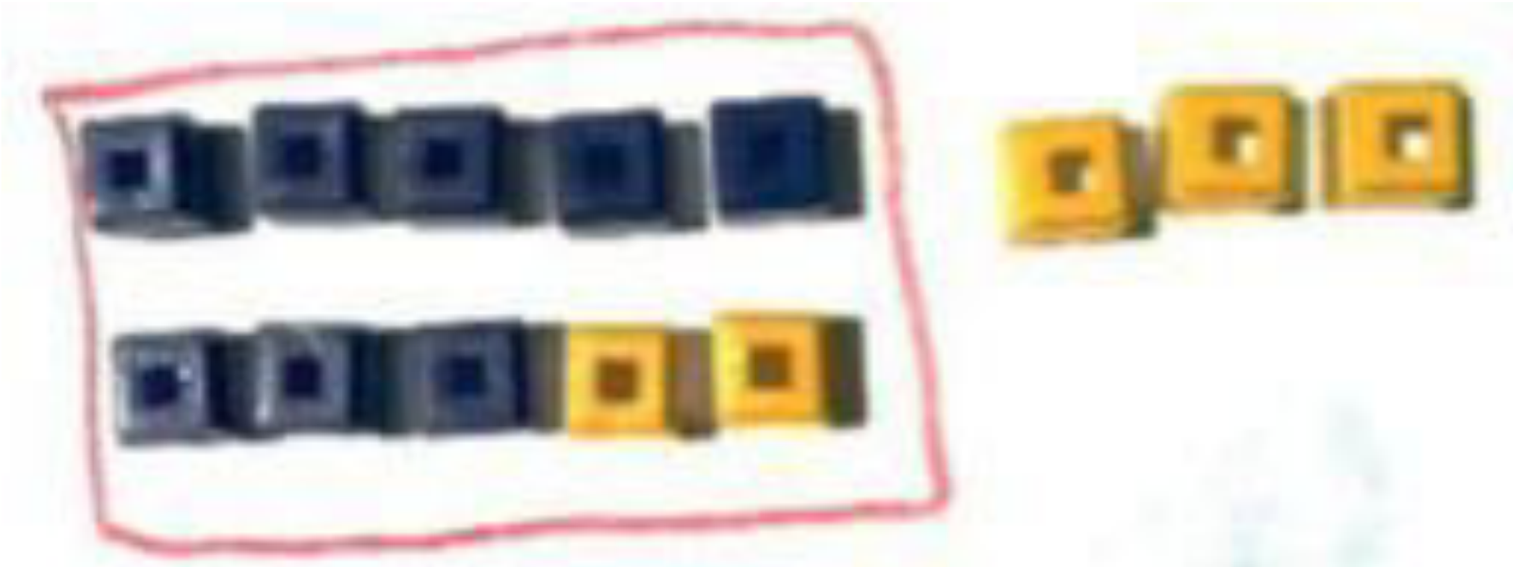
10+3=13

No! We didn’t change the number of cubes.



Concept Development

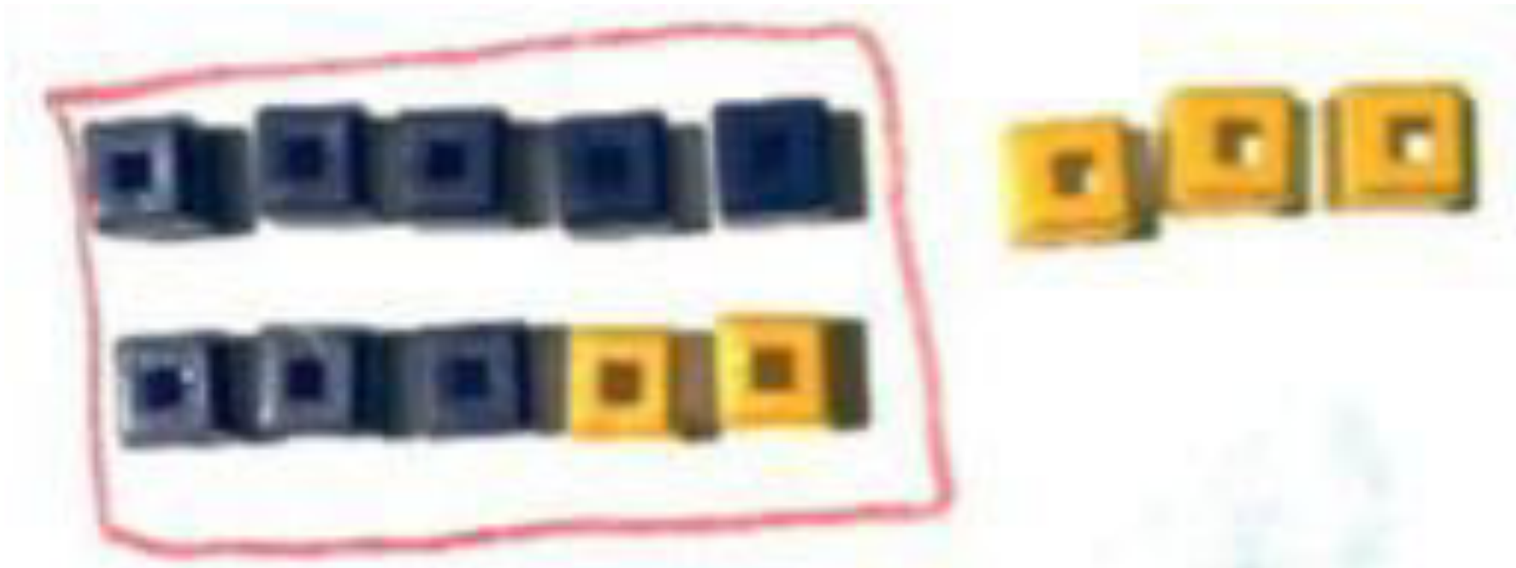
8+5=10+3



Concept Development

8+5=10+3

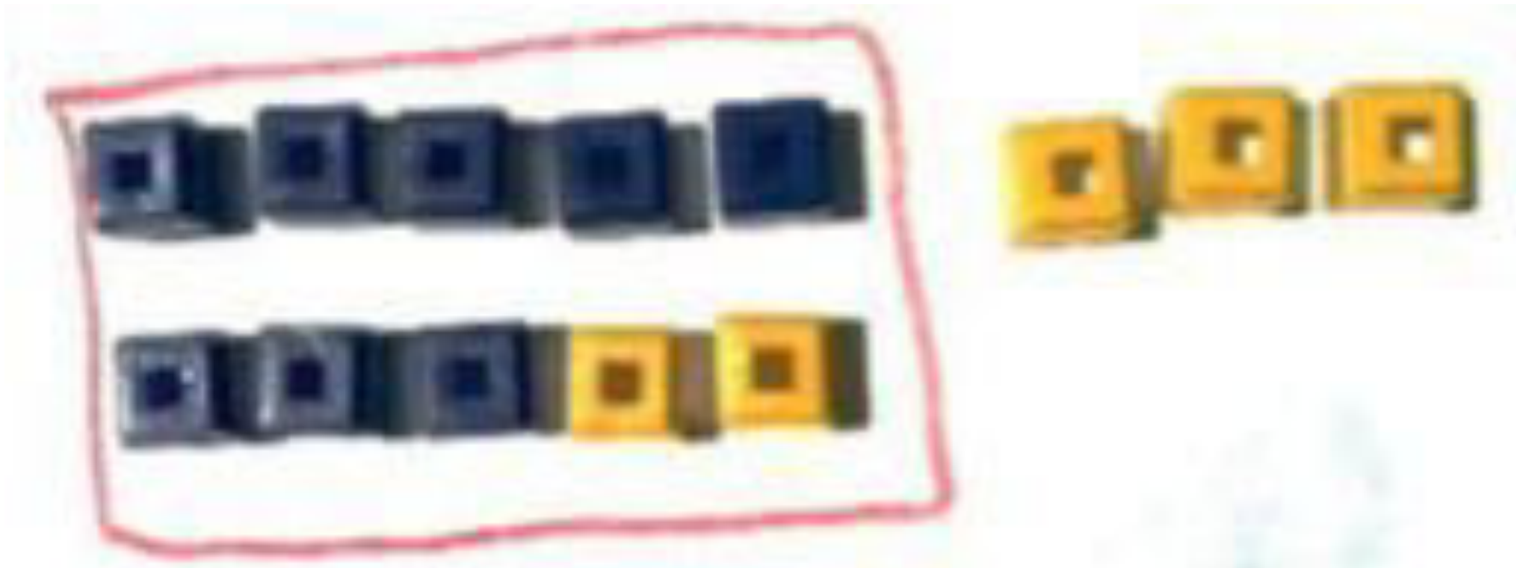
What is 10+3?



Concept Development

8+5=10+3

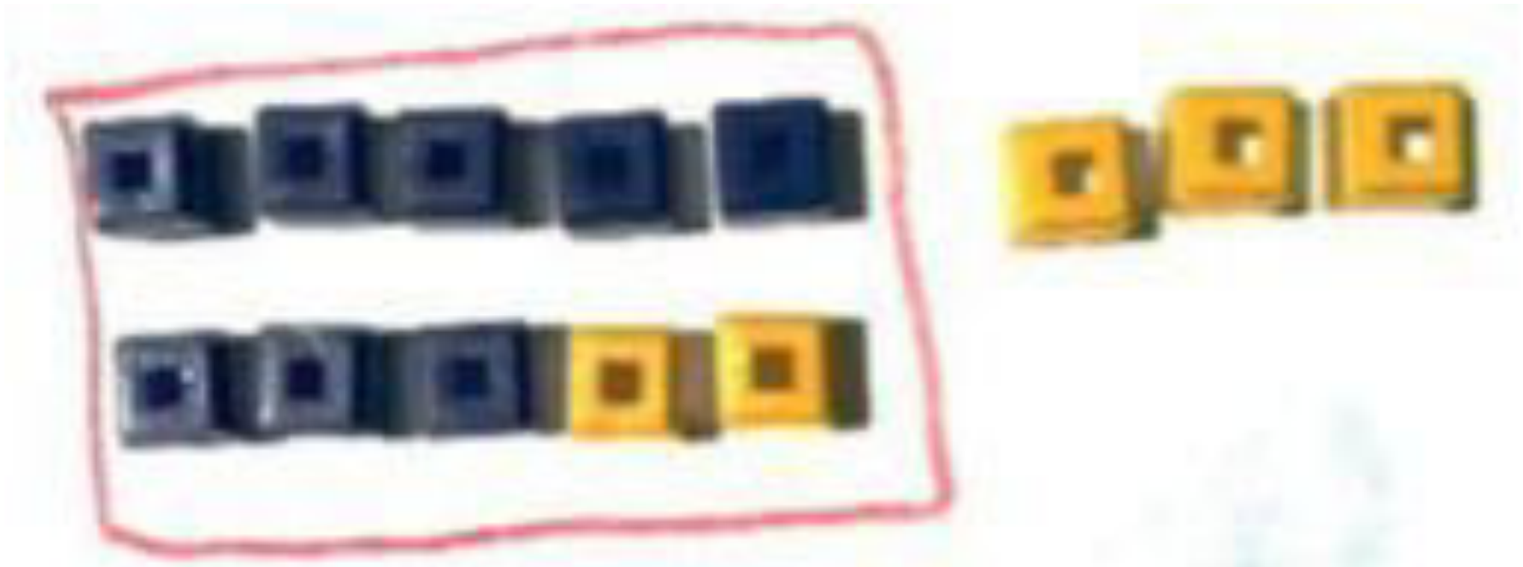
10+3 is 13!



Concept Development

8+5=10+3

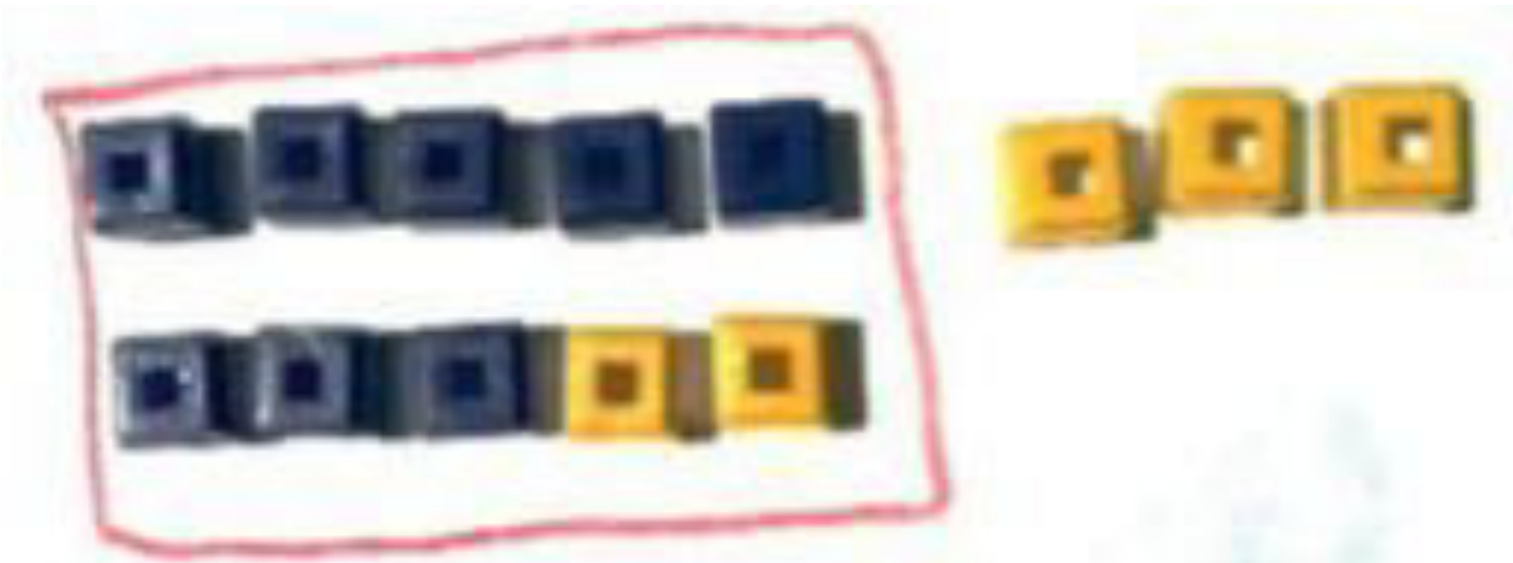
How many books do Peter and Willie have?

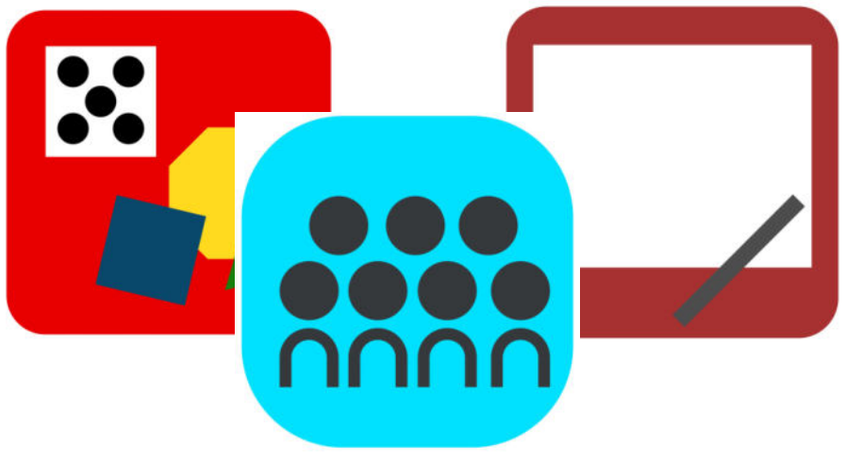


Concept Development

8+5=10+3

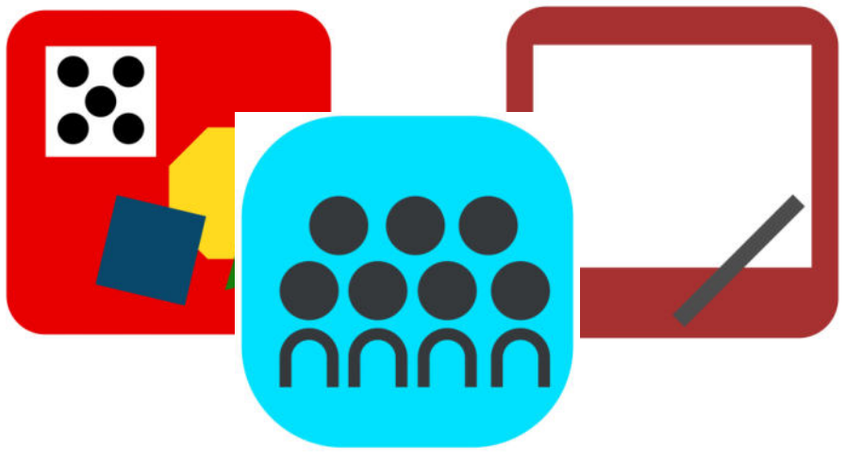
Peter and Willie have 13 books!





Concept Development

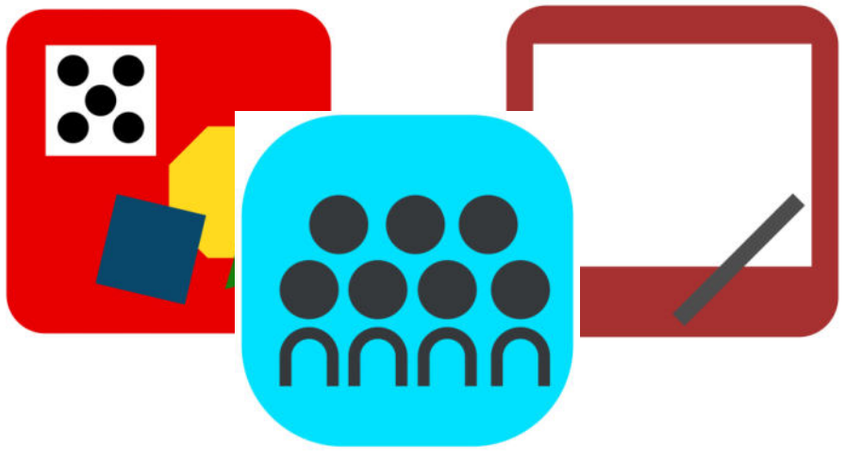
Let’s practice more! I will show you an expression. Then we will practice making 10 our cubes. Last, we will make the equivalent expression.



Concept Development

8 + 3

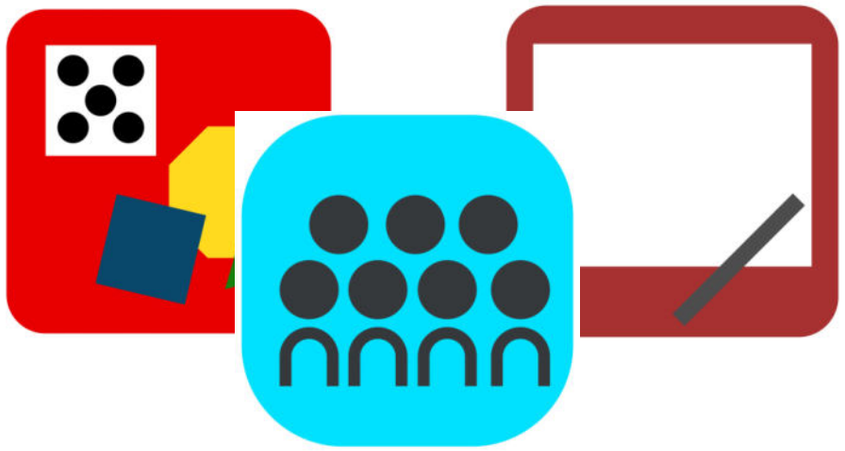
Make 10 with the 8 using your cubes and put a frame around your 10.



Concept Development

Let’s look at our new groups. What is

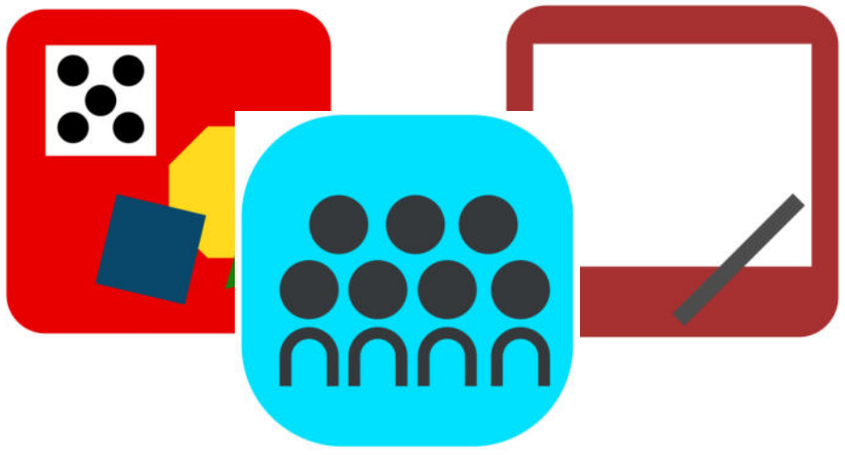
10 + 1?



Concept Development

10 + 1 = 11!

So what is 8 + 3?



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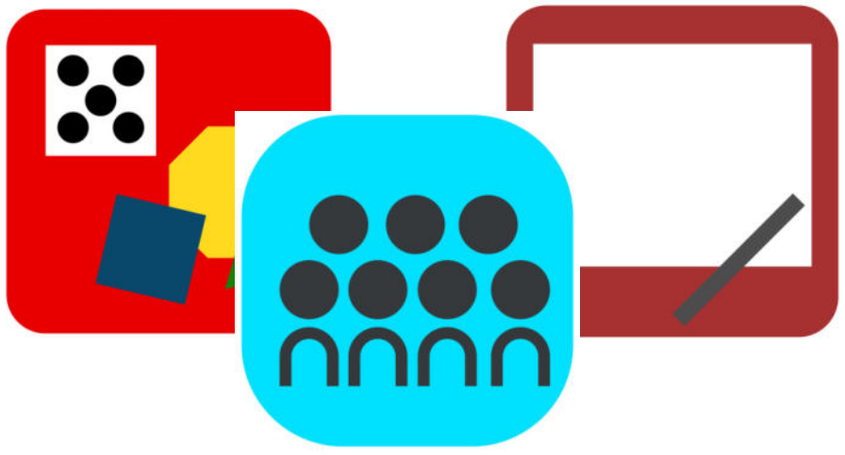
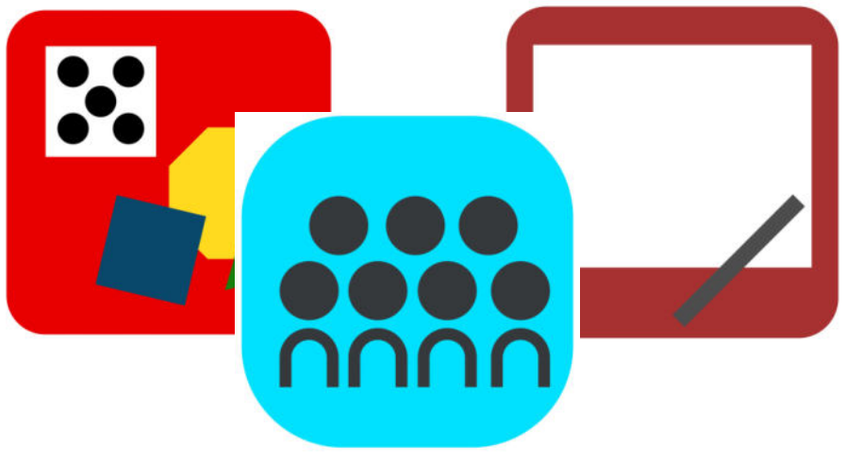


Concept Development

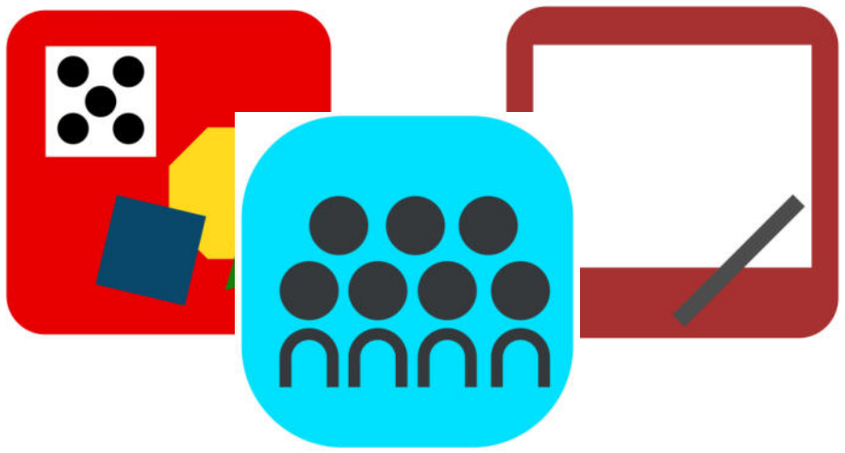
$$8 + 3 = 10 + 1$$



Concept Development

8 + 6

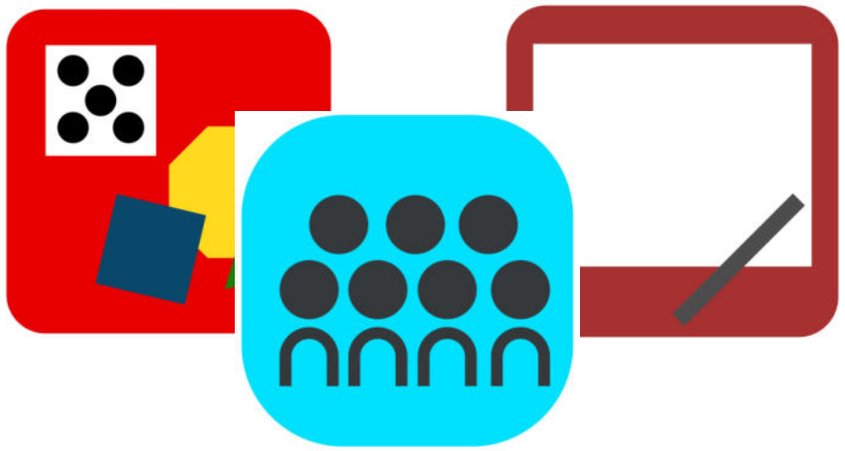
Make 10 with the 8 using your cubes and put a frame around your 10.



Concept Development

Let’s look at our new groups. What is

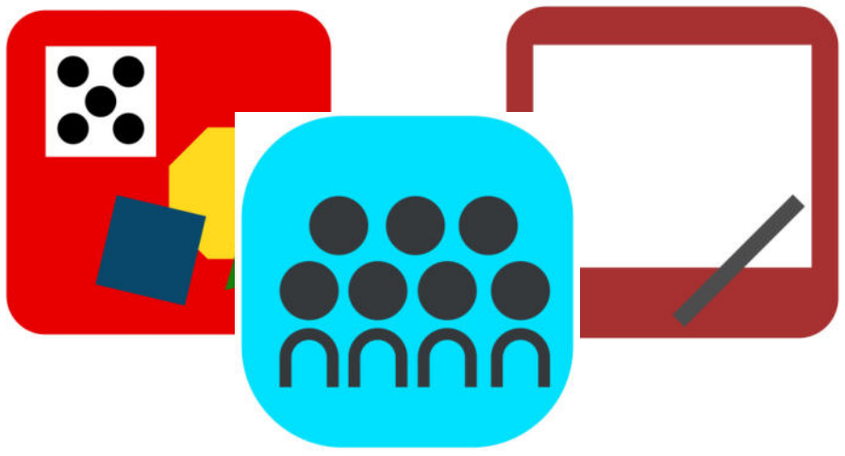
10 + 4?



Concept Development

10 + 4 is 14!

So what is 8 + 6?



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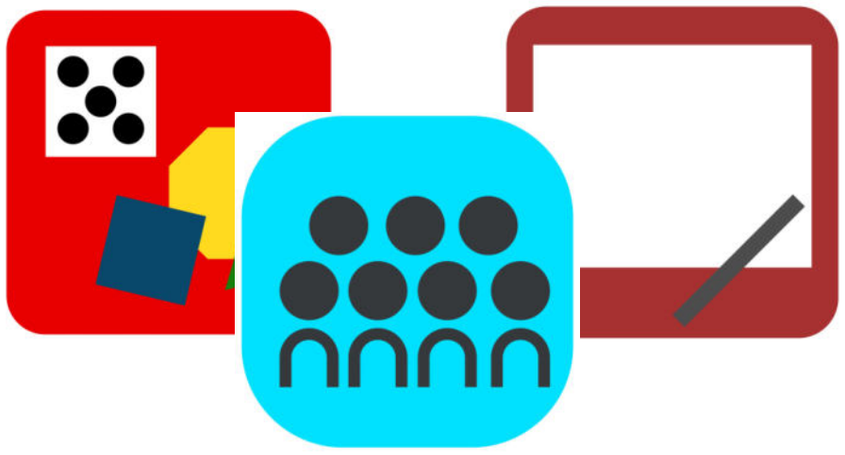
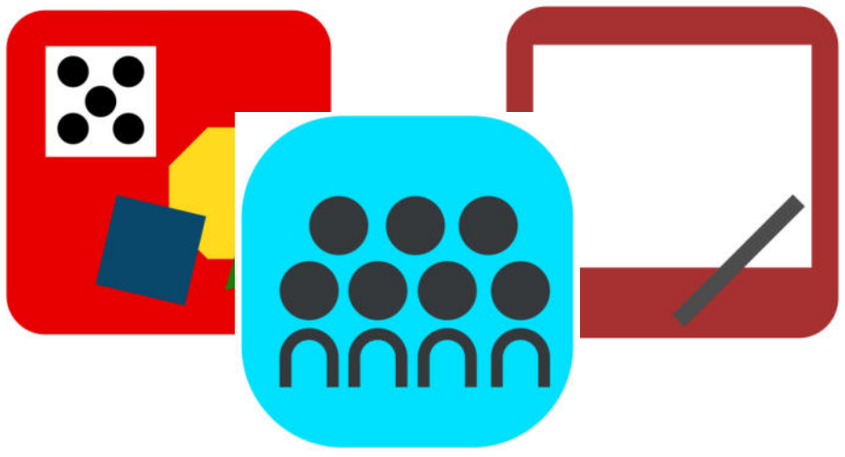
8 + 6 is 14!



Concept Development

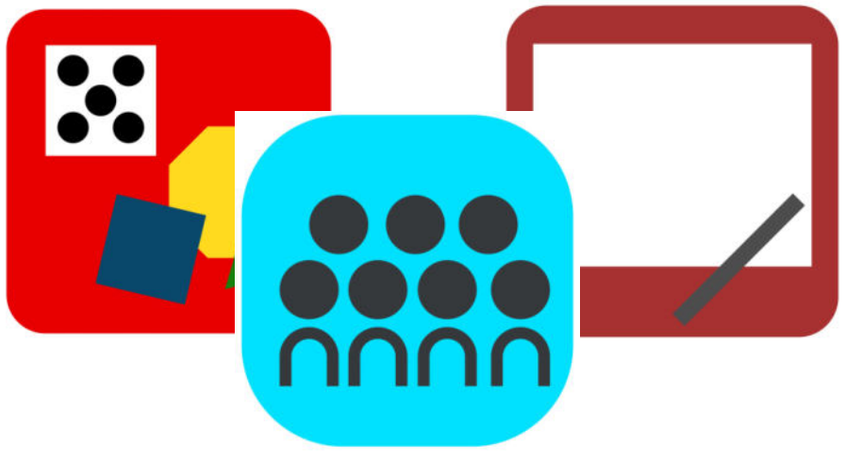
$$8 + 6 = 10 + 4$$



Concept Development

4 + 8

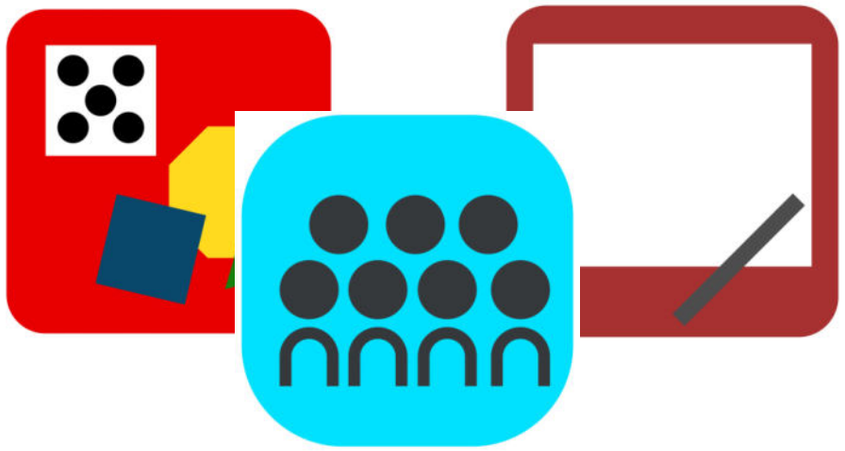
Make 10 with the 8 using your
Make 10 with the 8 using your cubes and put a frame around your 10.



Concept Development

Let’s look at our new groups. What is

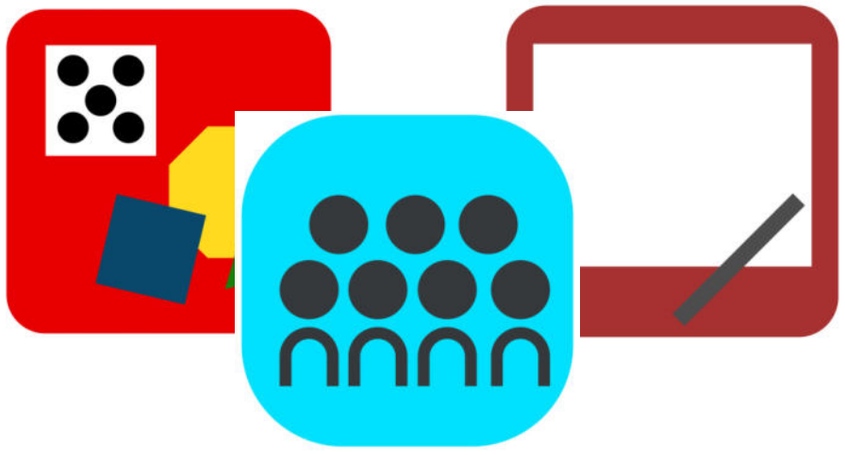
2 + 10?



Concept Development

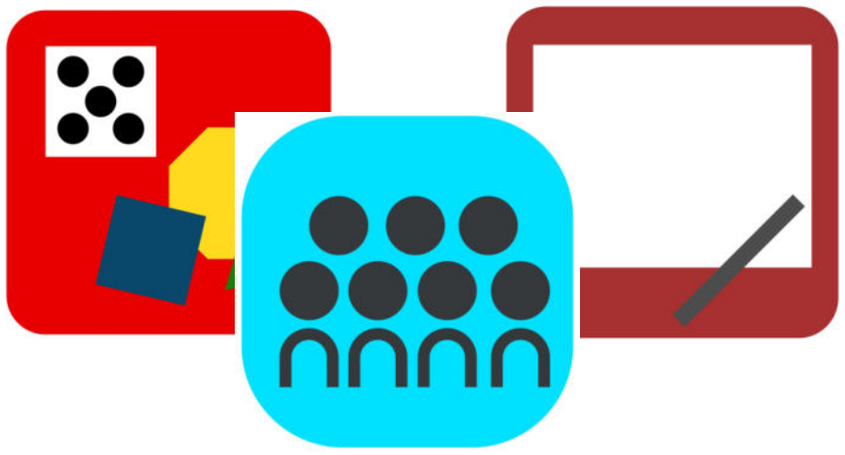
2 + 10 = 12!

So what is 4 + 8?



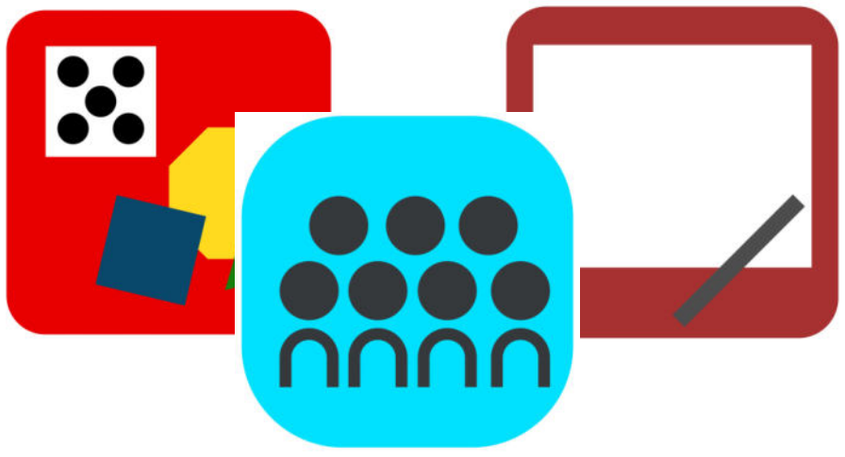
Concept Development

4 + 8 = 12!



Concept Development

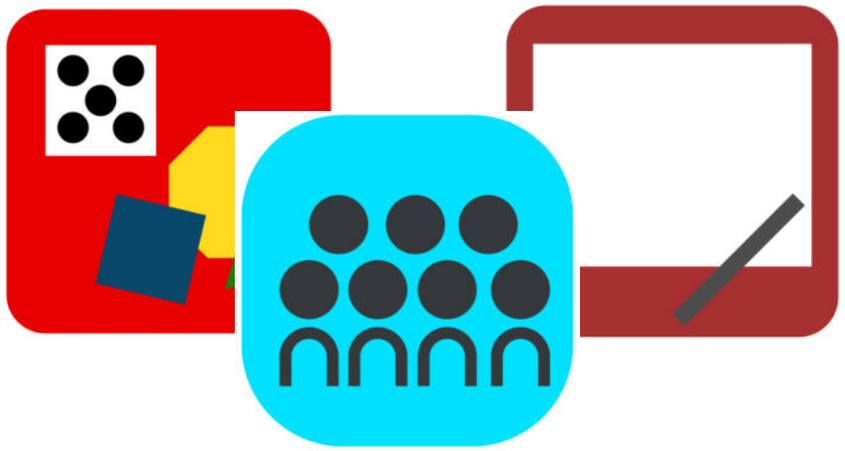
$$4 + 8 = 10 + 2$$



Concept Development

8 + 7

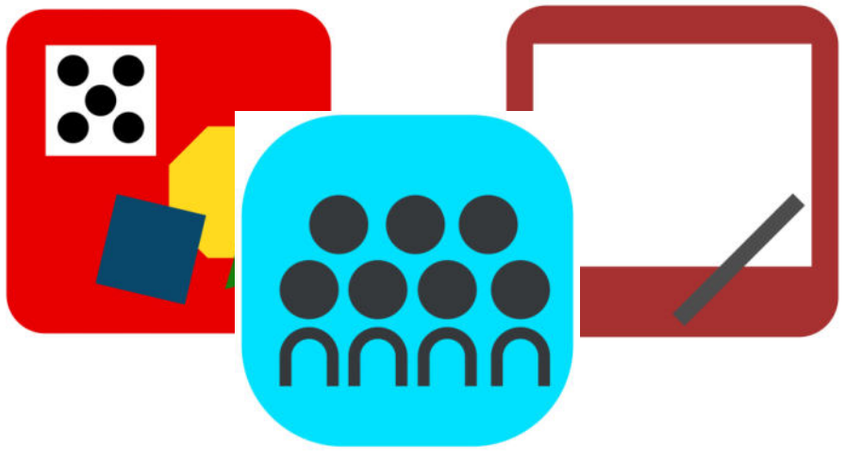
Make 10 with the 8 using your cubes and put a frame around your 10.



Concept Development

Let’s look at our new groups. What is

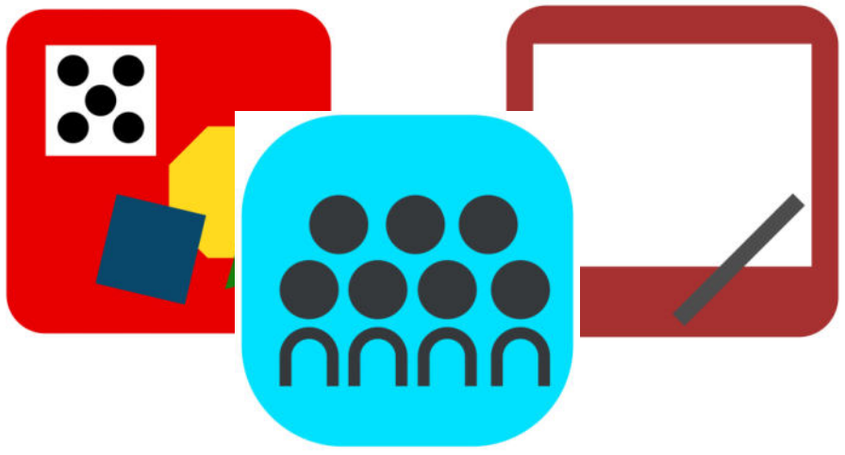
10 + 5?



Concept Development

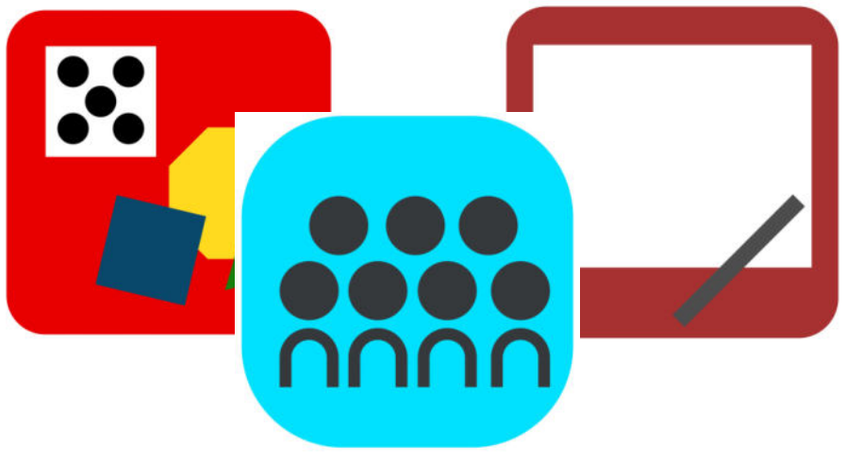
10 + 5 = 15!

So what is 8 + 7?



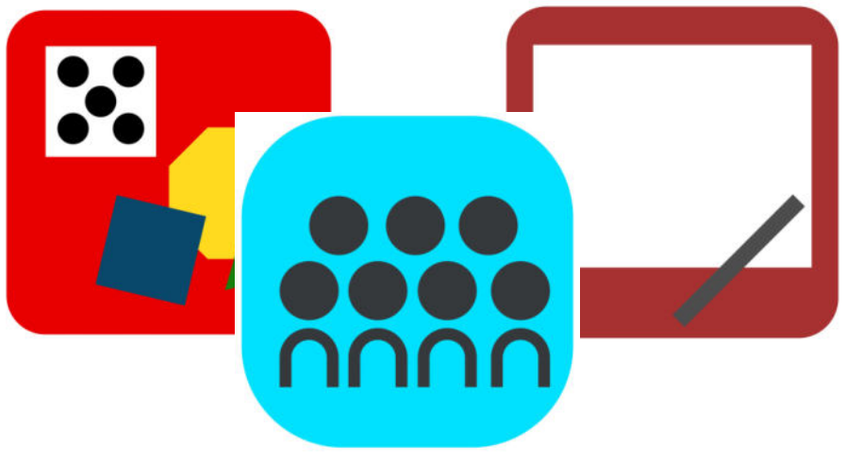
Concept Development

8 + 7 = 15!



Concept Development

$$8 + 7 = 10 + 5$$



Concept Development

8 + 8

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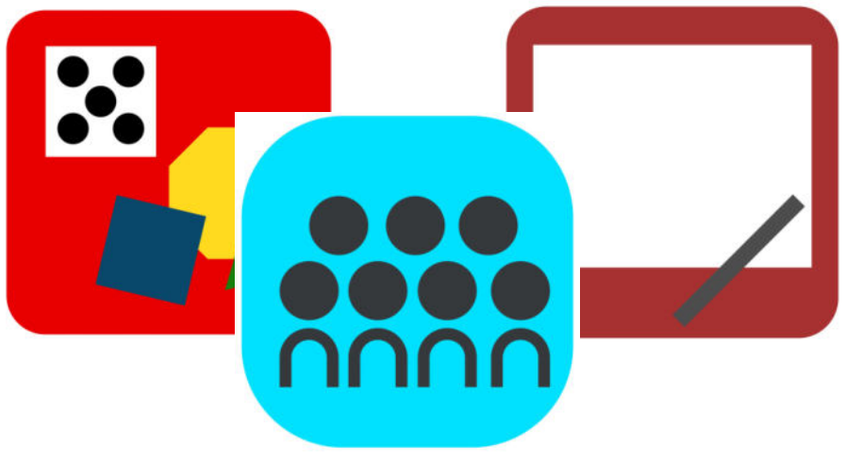
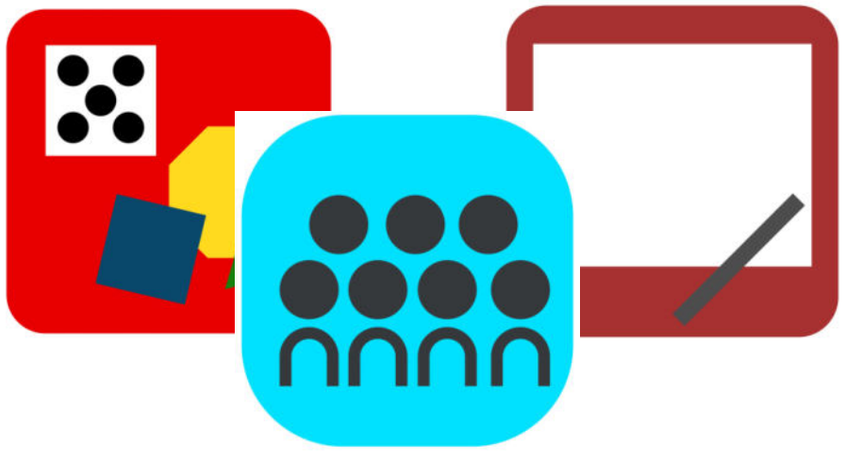


Concept Development

Let’s look at our new groups. What is

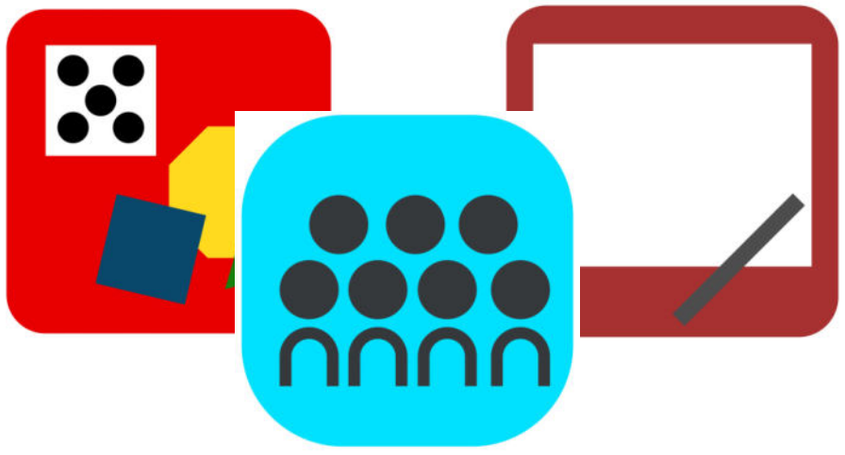
6 + 10?



Concept Development

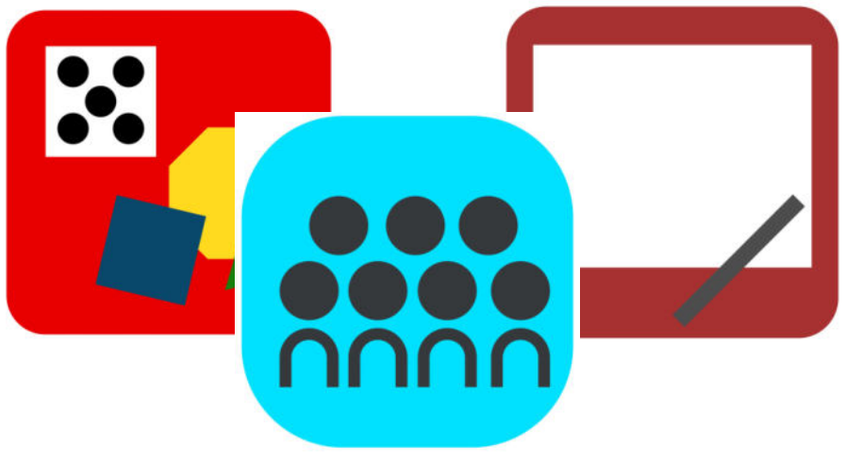
6 + 10 = 16!

So what is 8 + 8?



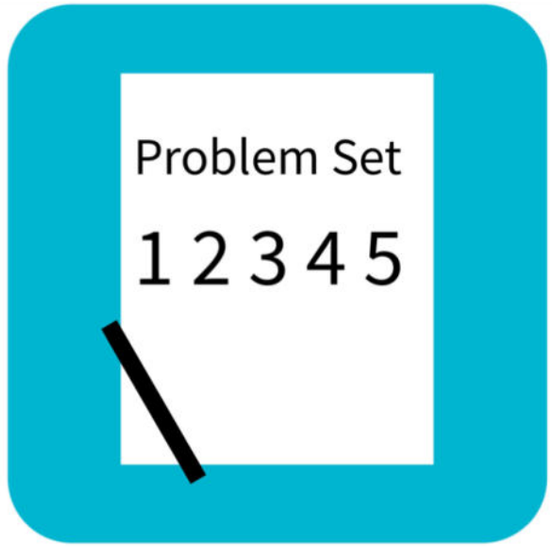
Concept Development

8 + 8 = 16!



Concept Development

$$8 + 8 = 6 + 10$$



Problem Set

Name _____ Date _____

Circle to show how you made ten to help you solve.

1. John has 8 tennis balls. Toni has 5. How many tennis balls do they have in all?

8 and _____ make _____.

10 and _____ make _____.

John and Toni have _____ tennis balls in all.

2. Bob has 8 raisins, and Jenny has 4. How many raisins do they have altogether?

8 and _____ make _____.

10 and _____ make _____.

Bob and Jenny have _____ raisins altogether.

A STORY OF UNITS Lesson 7 Problem Set 1•2

3. There are 3 chairs on the right side of the classroom and 8 on the left side. How many total chairs are in the classroom?

8 and _____ make _____.

10 and _____ make _____.

There are _____ total chairs.

4. There are 7 children sitting on the rug and 8 children standing. How many children are there in all?

8 and _____ make _____.

10 and _____ make _____.

There are _____ children in all.

Debrief

- Look at Problem 1. What are the two number sentences that match the statements?

Debrief

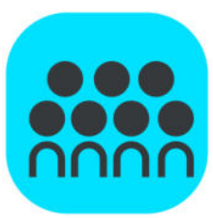
- 8+5=13 10+3=13
- How can you make one true number sentence from the two number sentences on the board?

Debrief

- When you had 8 as an addend, how many objects did you circle from the other addend?

Debrief

- Look at your Problem Set from Lesson 3 or Lesson 4. How are these problems similar to today's Problem Set? How are they different? What do you notice about the answers when you have 9 as an addend compared to 8 as an addend? Why do you think this is?



Debrief

- Look at the Application Problem. What did you add first? Why?

Exit Ticket

Name _____ Date _____

Draw, label, and circle to show how you made ten to help you solve.

Write the number sentences you used to solve.

Nick picks some peppers. He picks 5 green peppers and 8 red peppers. How many peppers does he pick in all?

8 and _____ make _____.

10 and _____ make _____.

Nick picks ____ peppers.