



A STORY OF UNITS



Mathematics Curriculum



## Grade K • MODULE 5

Numbers 10 – 20 and Counting to 100

# Homework

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Info for parents: <http://bit.ly/eureka-math>

Video tutorials: <http://embarc.online>

Version 3



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**GRADE K • MODULE 5**

## Numbers 10–20 and Counting to 100

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Name \_\_\_\_\_

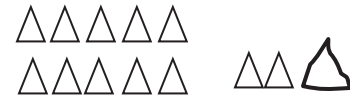
Date \_\_\_\_\_

Circle 10.


Count the number of times you circled 10 ones. Tell a friend or an adult how many times you circled 10 ones.

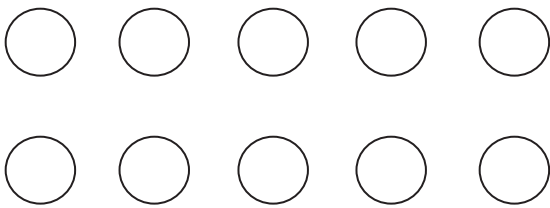
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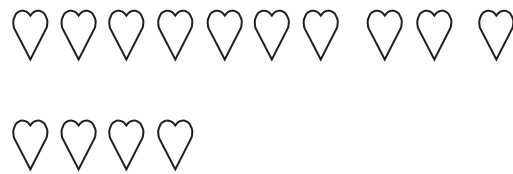


10 ones and 3 ones

Draw more to show the number.



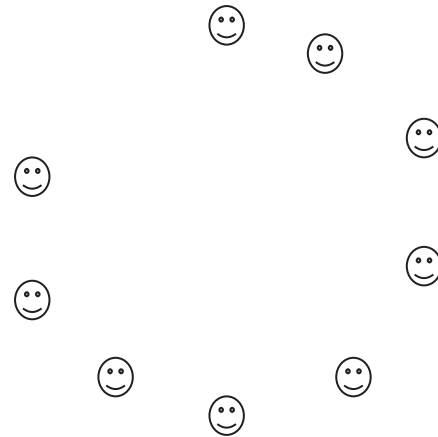
10 ones and 2 ones



10 ones and 5 ones



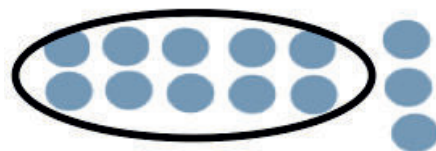
10 ones and 7 ones



10 ones and 4 ones

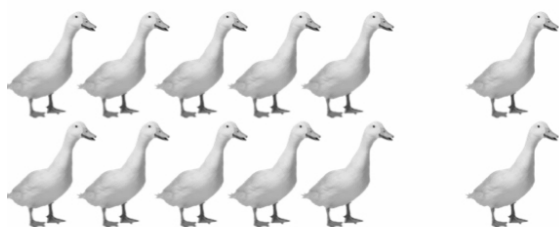
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Date \_\_\_\_\_

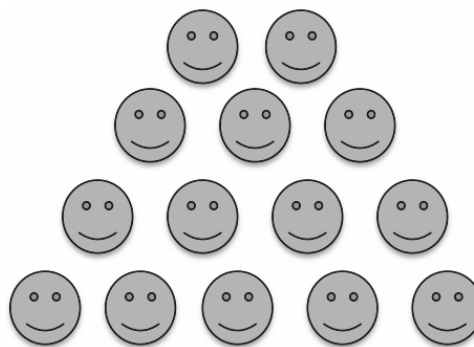


I have 10 ones and 3 ones.

Circle 10 things. Tell how many there are in two parts, 10 ones and some more ones.



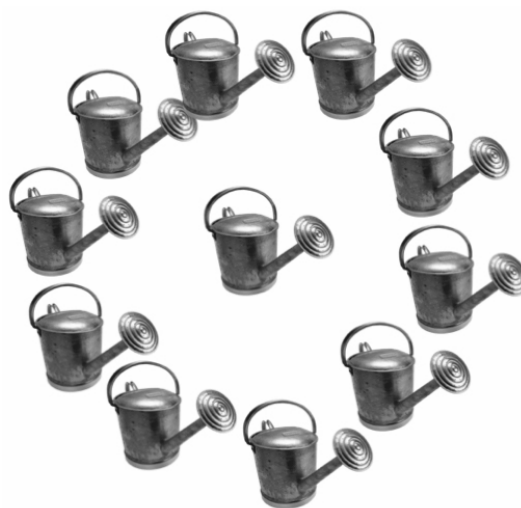
I have 10 ones and \_\_\_\_ ones.



I have 10 ones and \_\_\_\_ ones.



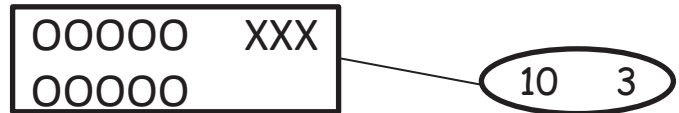
I have \_\_\_\_ ones and \_\_\_\_ ones.



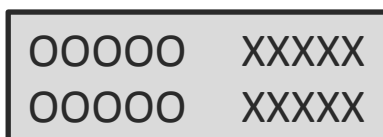
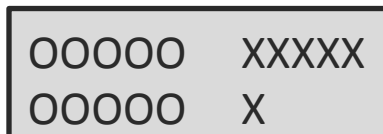
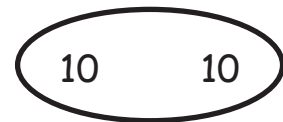
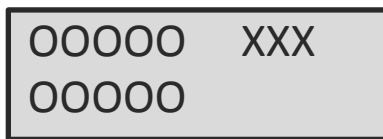
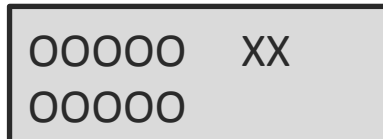
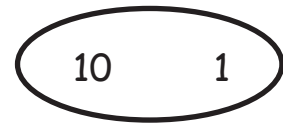
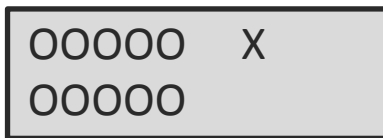
I have \_\_\_\_ ones and \_\_\_\_ ones.

Name \_\_\_\_\_

Date \_\_\_\_\_



Draw a line to match each picture with the numbers the Say Ten Way.



Name \_\_\_\_\_

Date \_\_\_\_\_

Write the numbers that go before and after, counting the Say Ten Way.

BEFORE	NUMBER	AFTER
10 and 3	10 and 4	10 and 5
and	10 and 2	and
and	10 and 5	and
and	10 and 6	and
and	10 and 1	and
and	10 and 9	and

Name \_\_\_\_\_

Date \_\_\_\_\_

Write and draw the number. Use your Hide Zero cards to help you.



1	0	2
---	---	---

↓ ↓

--	--



1	0	7
---	---	---

↓ ↓

--	--



1	0	9
---	---	---

↓ ↓

--	--



1	0	4
---	---	---

↓ ↓

--	--



Name \_\_\_\_\_

Date \_\_\_\_\_

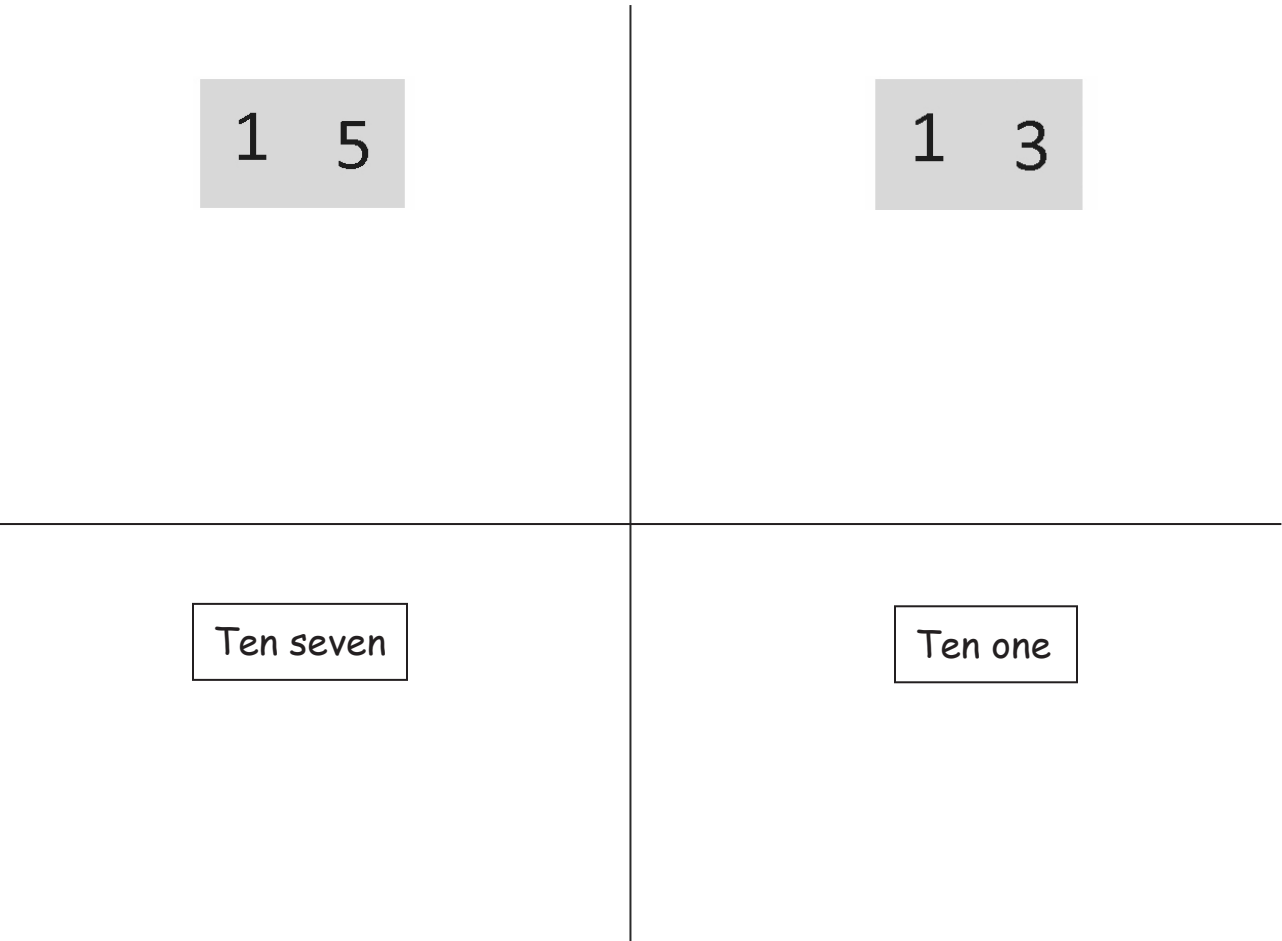
Look at the Hide Zero cards or the 10-frame cards. Use your cards to show the number. Write the number as a number bond.

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Name \_\_\_\_\_

Date \_\_\_\_\_

Use your materials to show each number as 10 ones and some more ones.



1 5

1 3

Ten seven

Ten one

1 2

1 6

2 ten

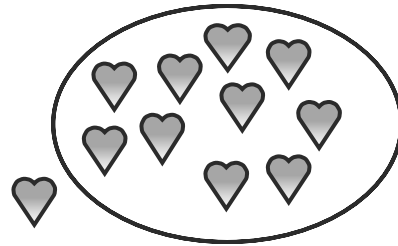
Ten four

Name \_\_\_\_\_

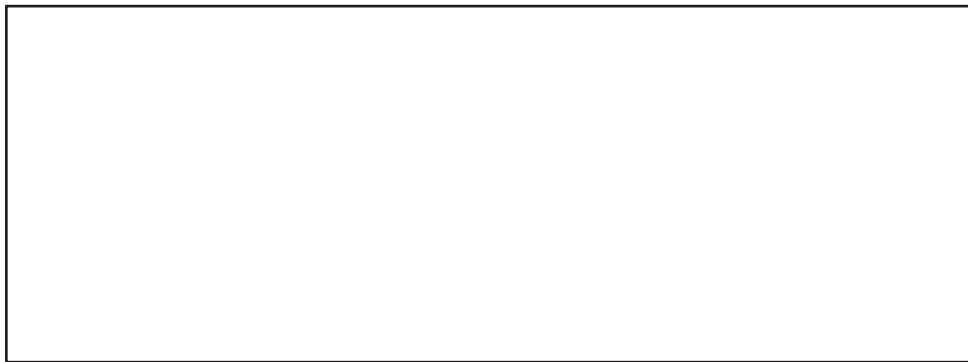
Date \_\_\_\_\_

For each number, make a drawing that shows that many objects.  
Circle 10 ones.

11



16



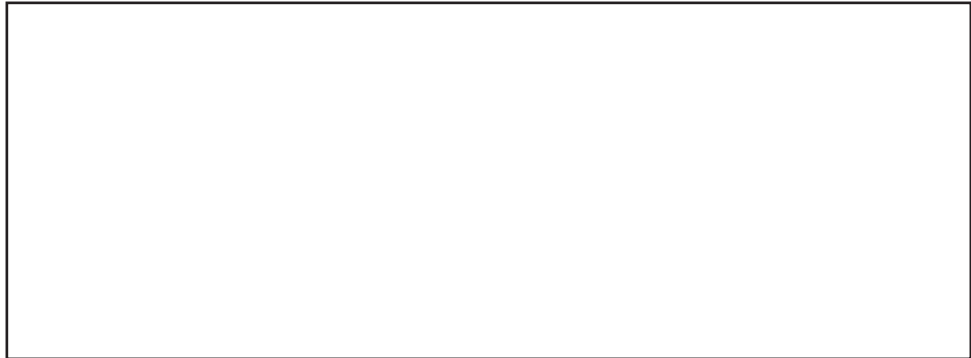
20



19



14



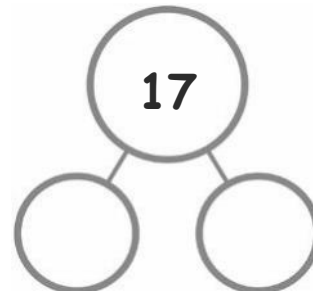
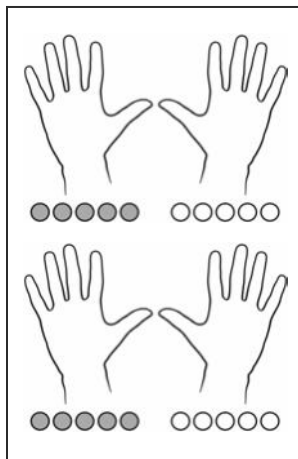
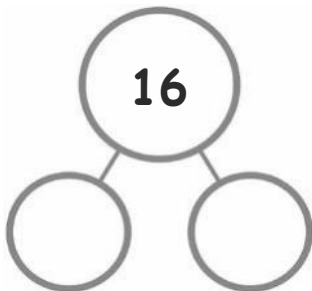
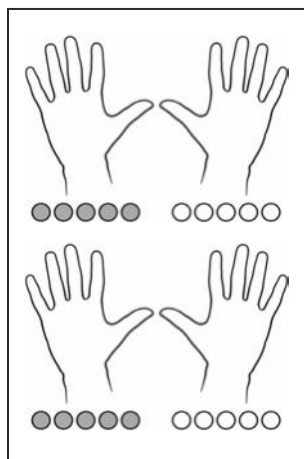
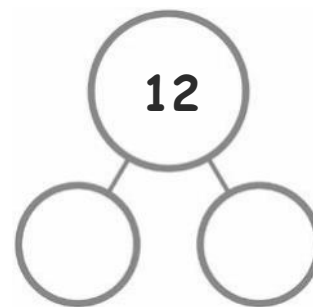
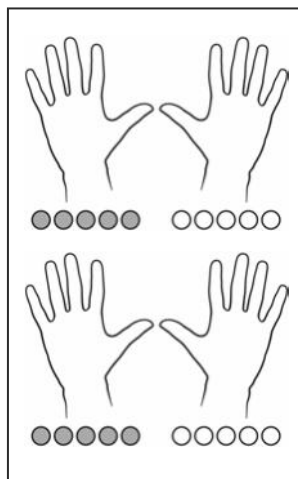
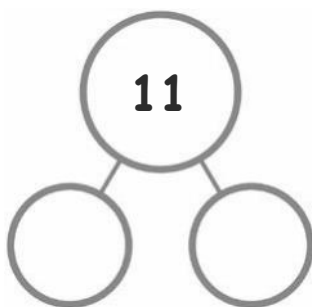
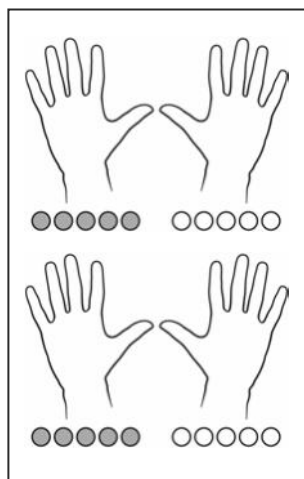
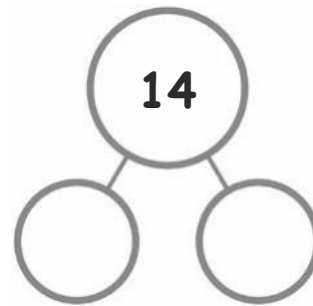
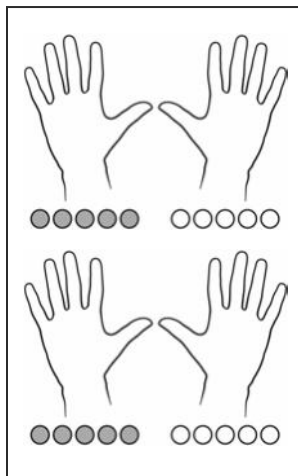
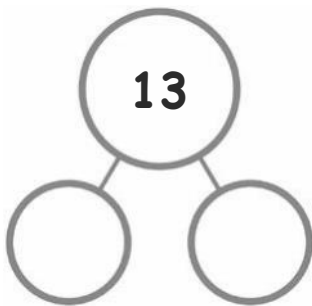
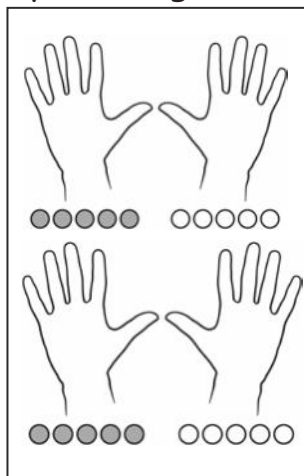
12



Name \_\_\_\_\_

Date \_\_\_\_\_

Color the number of fingernails and beads to match the number bond. Show by coloring 10 ones above and extra ones below. Fill in the number bonds.



Name \_\_\_\_\_

Date \_\_\_\_\_

Write the missing numbers. Then, count and draw X's and O's to complete the pattern.

					X X X X X X O O O O O				X X X X X X X O O O O O O O O O O	
10		12		14		16	17	18		20

Name \_\_\_\_\_

Date \_\_\_\_\_

Write the missing numbers. Then, draw X's and O's to complete the pattern.

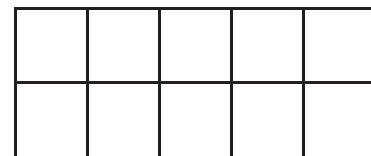
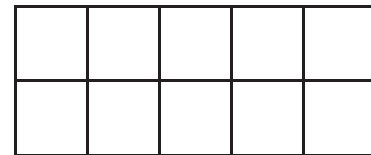
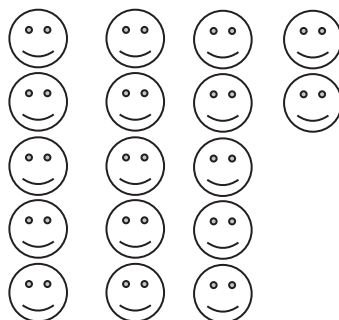
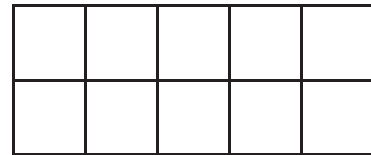
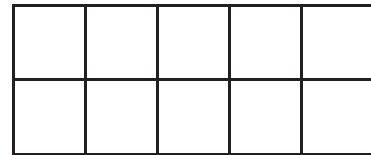
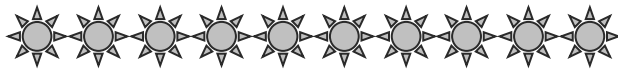
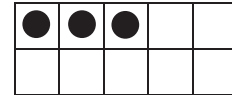
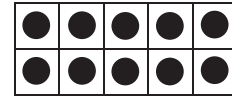
X X X X X X X X X X X O O O O O O O O O O	X X X X X X X X X X X O O O O O O O O O O		X X X X X X X X X X O O O O O O O O O O		X X X X X X X X X X O O O O O O O O O O					X O O O O O O O O O O O O O O O O	
20		18		16		14	13	12		10	


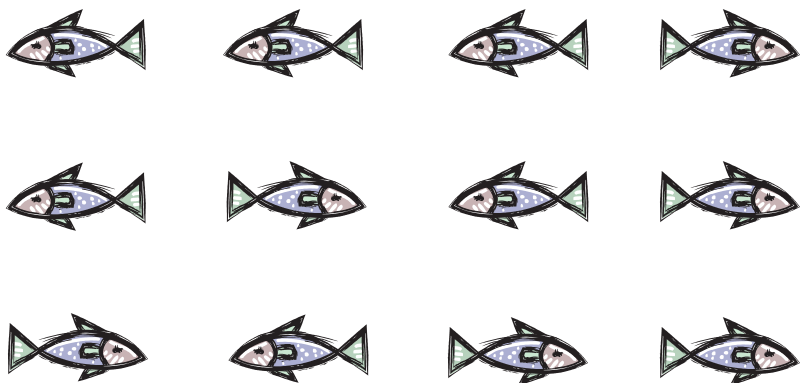


Name \_\_\_\_\_


Date \_\_\_\_\_

Count the objects. Draw dots to show the same number on the double ten-frames.







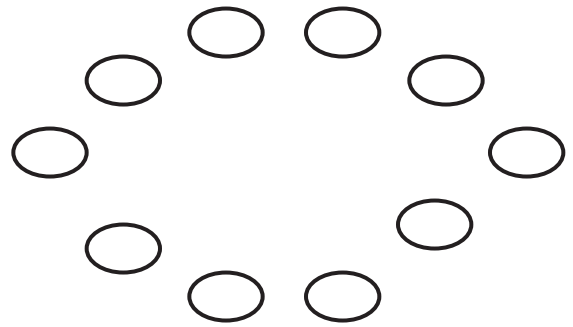
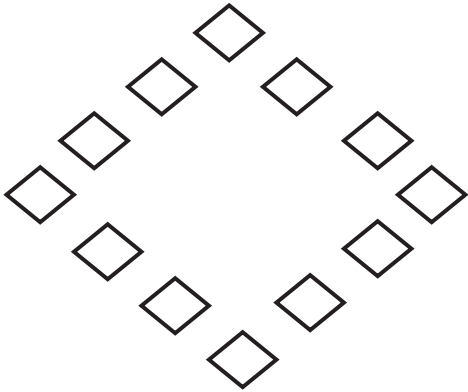




Name \_\_\_\_\_

Date \_\_\_\_\_

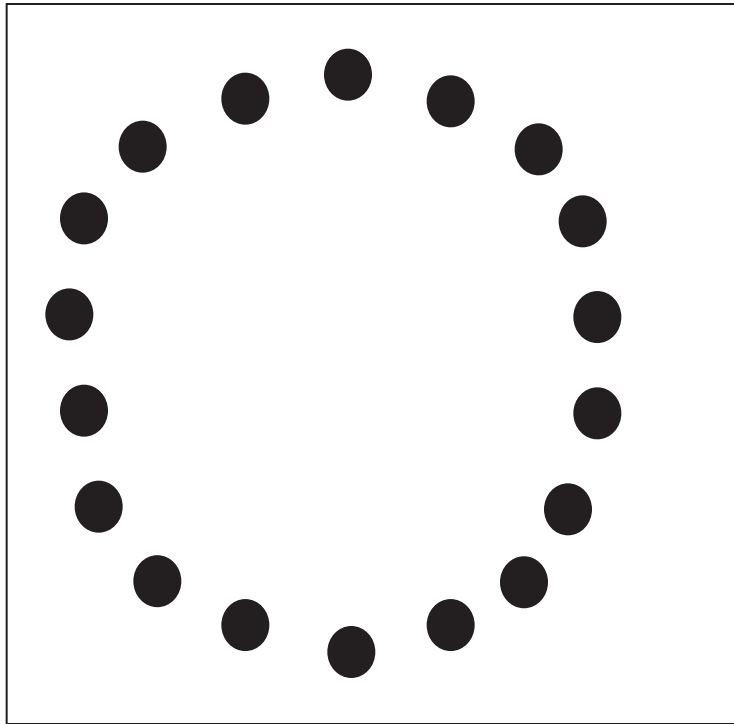
Count the objects in each group. Write the number in the boxes below the pictures.



Count and draw in more shapes to match the number.



Count the dots. Draw each dot in the ten-frame. Write the number in the box below the ten-frames.





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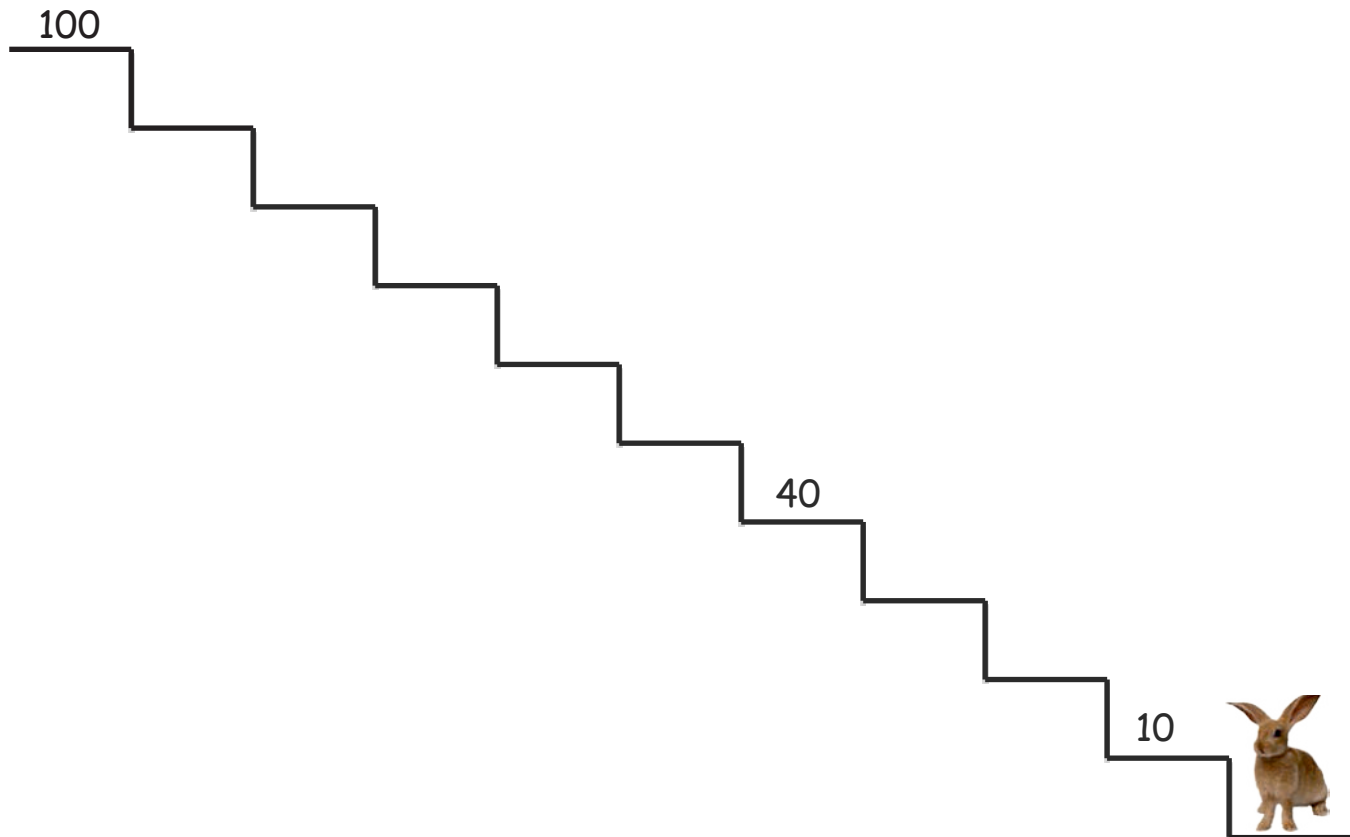
Write a teen number in the box below. Draw a picture to match your number.

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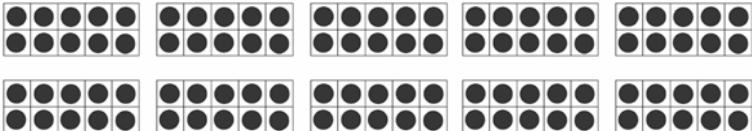
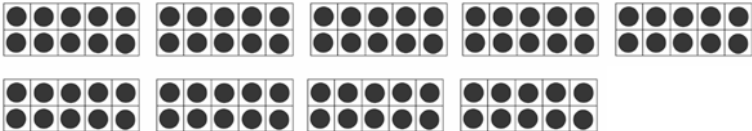
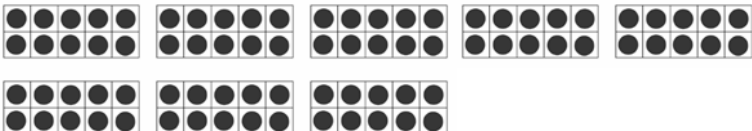
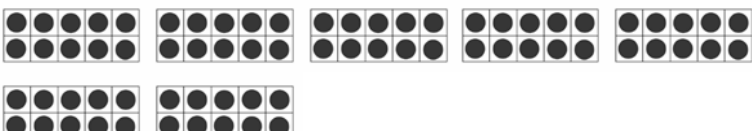
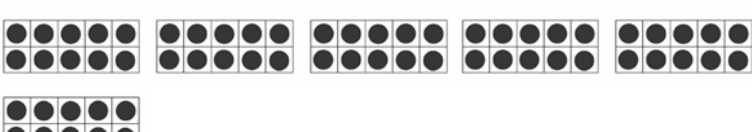

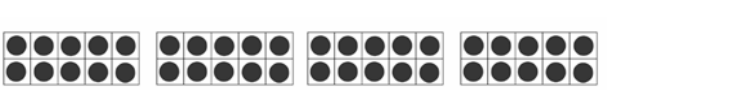
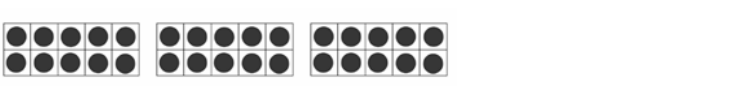


Name \_\_\_\_\_

Date \_\_\_\_\_

Count down by 10, and write the number on top of each stair.



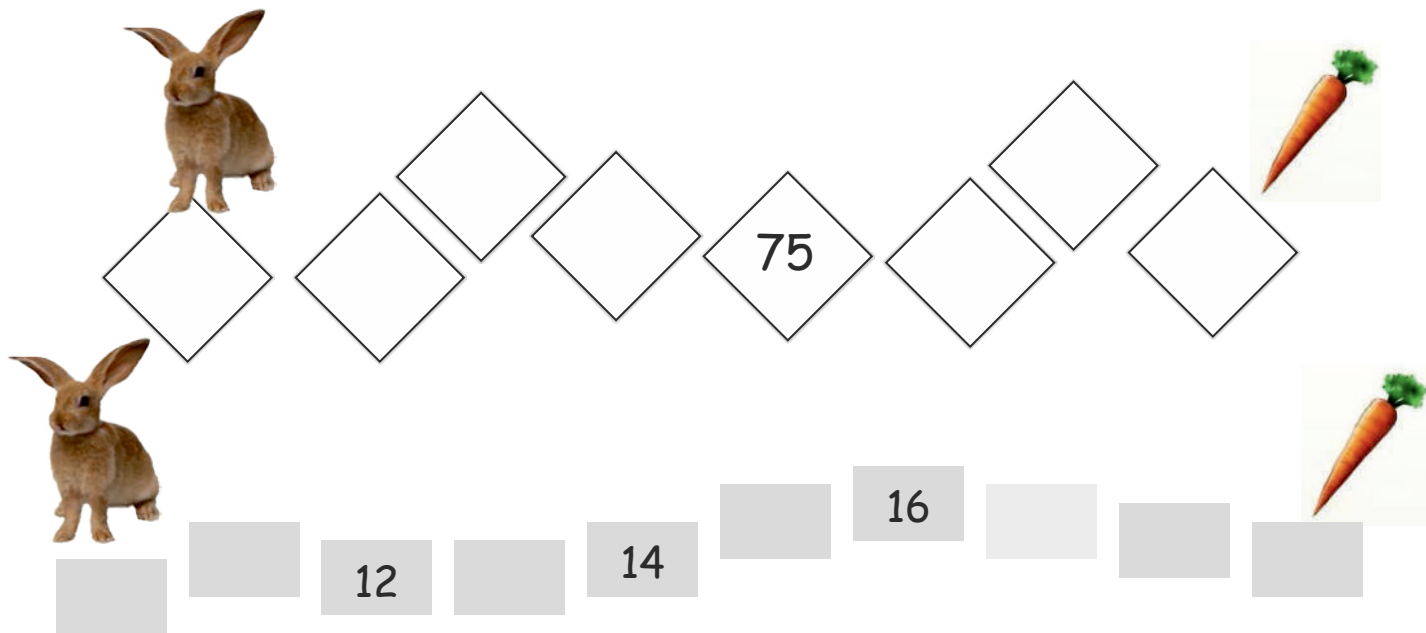
Count down the Say Ten Way. Write the missing numbers.

	100	
		9 tens
	80	_____ tens
	70	_____ tens
		6 tens
		_____ tens
	40	4 tens
		_____ tens
		_____ tens
		_____ ten

Name \_\_\_\_\_

Date \_\_\_\_\_

Help the rabbit get his carrot. Count by 1s.

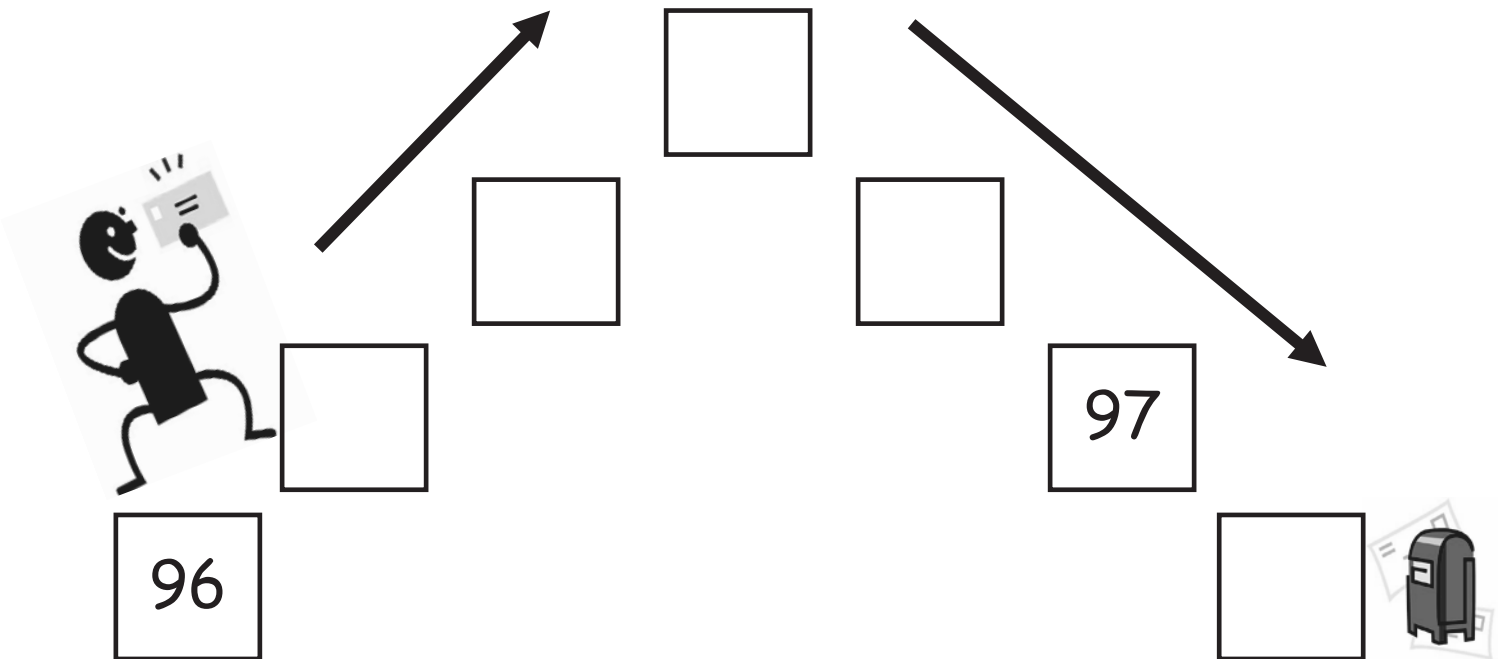


Count up by 1s, then down by 1s.

↑		89	↓
		84	

↑		35	↓
		30	

Help the boy mail his letter. Count up by 1s. When you get to the top, count down by 1s.





Name \_\_\_\_\_

Date \_\_\_\_\_

Draw more to show the number.

Example:

5					
	●	●	●	●	●

23

●	●	●	●	●
●	●	●	●	●

●	●	●	●	●
●	●	●	●	●


27

●	●	●	●	●
●	●			



34

●	●	●	●	●
●	●	●	●	●

●	●	●	●	●
●	●	●	●	●


●	●	●	●	

38



40



Name \_\_\_\_\_

Date \_\_\_\_\_

Use your Rekenrek (attached), hiding paper (an extra paper to hide some of the dots), and crayons to complete each step listed below. Read and complete the problems with the help of an adult.

Hide to show just 40 on your Rekenrek dot paper. Touch and count the circles until you say 28. Color 28 green.

- Touch and count each circle from 28 to 34.
  - Color 34 (the 34<sup>th</sup> circle) with a red crayon.
- 

Hide to show just 60 on your Rekenrek dot paper. Touch and count the circles until you say 45. Color 45 yellow.

- Touch and count each circle from 45 to 52.
  - Color 52 with a blue crayon.
- 

Hide to show just 90 on your Rekenrek dot paper. Touch and count the circles until you say 83. Color 83 purple.

- Touch and count down from 83 to 77.
  - Color 77 with a red crayon.
- 

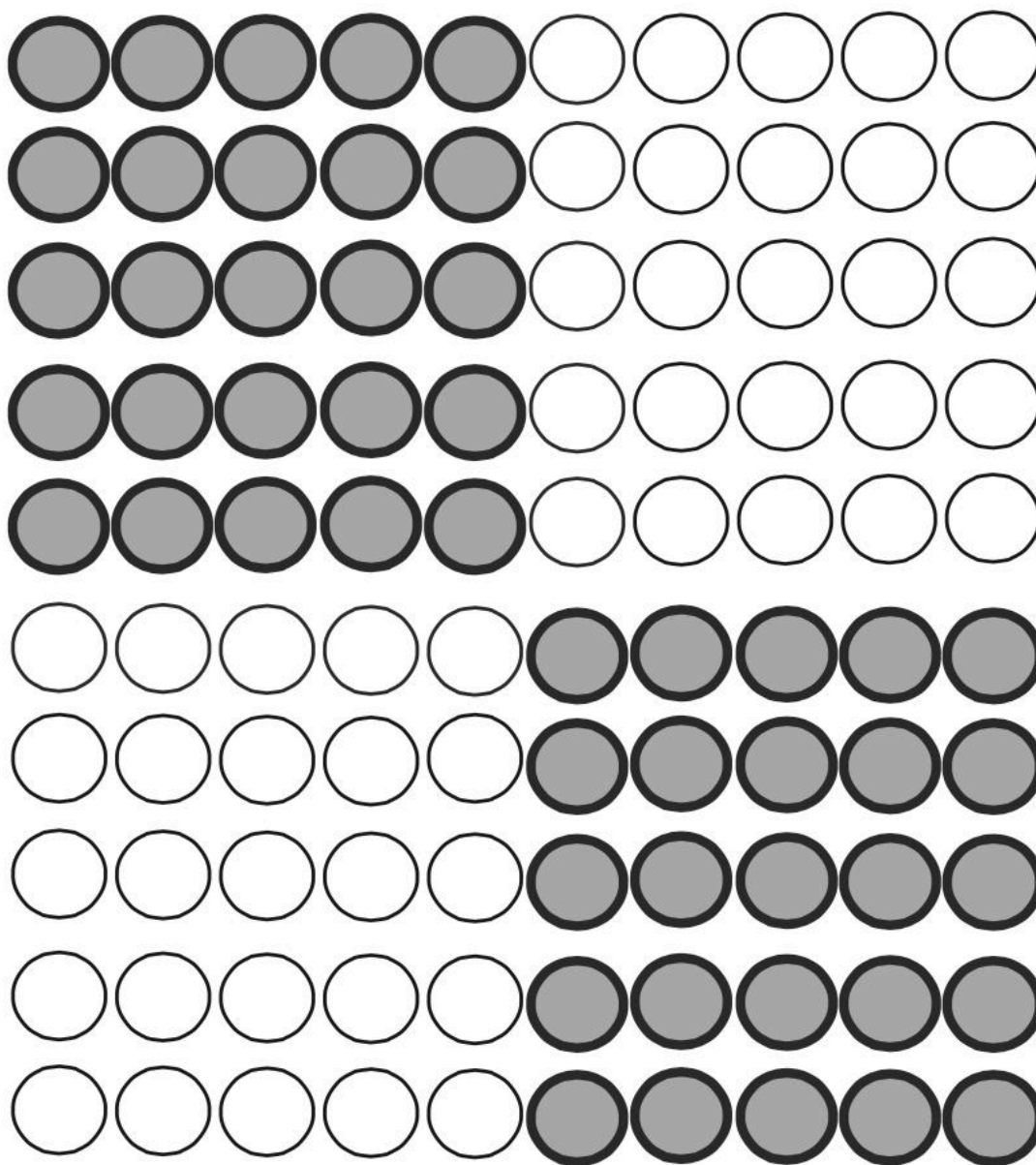
Show 100.

- Touch and count, starting at 1.
  - Say the last number in each row loudly. Color the circle black.
-

Name \_\_\_\_\_

Date \_\_\_\_\_

Rekenrek



Name \_\_\_\_\_

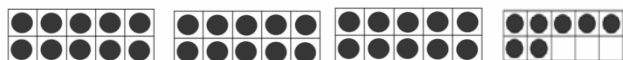
Date \_\_\_\_\_

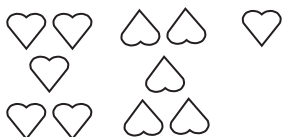


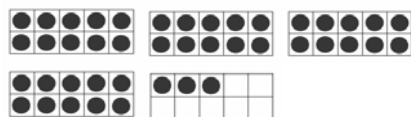
25

26

Write the number you see. Now, draw one more, then write the new number.

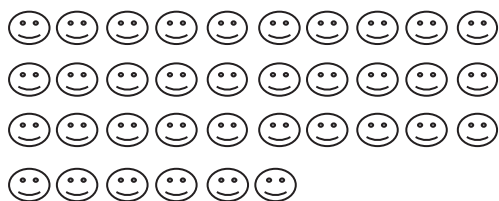












Name \_\_\_\_\_

Date \_\_\_\_\_

Draw stars to show the number as a number bond of 10 ones and some ones. Show each example as two addition sentences of 10 ones and some ones.

***** *****	*
----------------	---

11

$$10 + 1 = 11$$

$$11 = 10 + 1$$

* * * * *	
* * * * *	

15

	* * * * *
	* *

17

\* \* \* \* \*

\* \* \* \* \*

19

14

\* \* \* \* \*

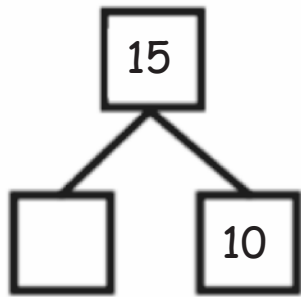
\* \* \* \* \*

20

Name \_\_\_\_\_

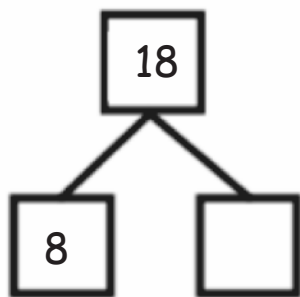
Date \_\_\_\_\_

Complete the number bonds and number sentences. Draw the cubes of the missing part.



$$15 = \underline{\quad\quad} + 10$$

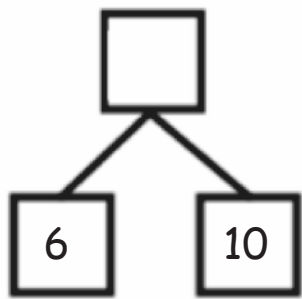
A large square frame containing a vertical column of 10 small squares, representing one ten rod. The rest of the frame is empty for drawing additional blocks.



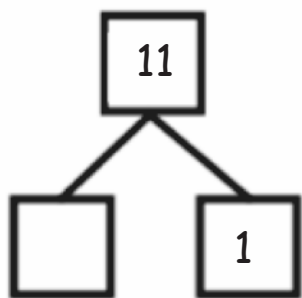
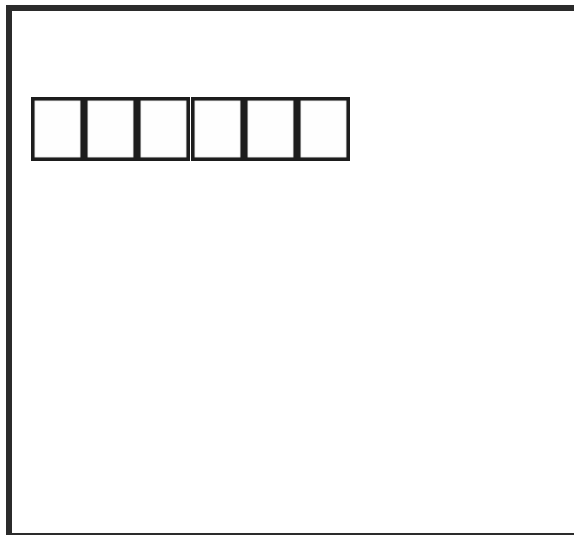
$$\underline{\quad\quad} + 8 = 18$$

A large square frame containing a vertical column of 10 small squares, representing one ten rod. The rest of the frame is empty for drawing additional blocks.

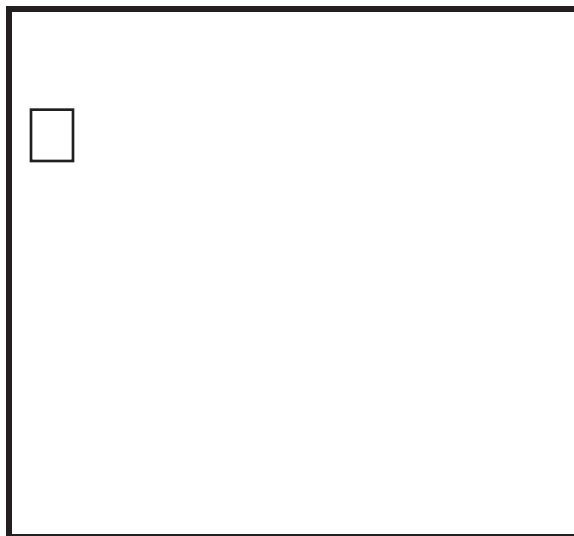




$$6 + \underline{\quad} = 16$$



$$1 + \underline{\quad} = 11$$



Name \_\_\_\_\_

Date \_\_\_\_\_

Fill in the number bond.  
Check the group with more.

<div style="text-align: center;">7</div> <div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; padding: 2px;">5</div> <div style="border: 1px solid black; padding: 2px;">2</div> </div>	XXXXX XX	<div style="text-align: center;">8</div> <div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; padding: 2px;">5</div> <div style="border: 1px solid black; padding: 2px;">3</div> </div>	XXXXX XXX ✓
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<div style="text-align: center;">16</div> <div style="display: flex; justify-content: space-around; margin-top: 20px;"> <div style="border: 1px solid black; padding: 5px;">10</div> <div style="border: 1px solid black; width: 40px; height: 30px;"></div> </div>	XXXXX XXXXX OOOOO O
<div style="text-align: center;">13</div> <div style="display: flex; justify-content: space-around; margin-top: 20px;"> <div style="border: 1px solid black; width: 40px; height: 30px;"></div> <div style="border: 1px solid black; padding: 5px;">3</div> </div>	XXXXX XXXXX OOO
<div style="text-align: center;">11</div> <div style="display: flex; justify-content: space-around; margin-top: 20px;"> <div style="border: 1px solid black; padding: 5px;">10</div> <div style="border: 1px solid black; width: 40px; height: 30px;"></div> </div>	XXXXX XXXXX O
<div style="text-align: center;"> <div style="border: 1px solid black; width: 40px; height: 30px; margin-bottom: 10px;"></div> <div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; padding: 5px;">10</div> <div style="border: 1px solid black; padding: 5px;">2</div> </div> </div>	XXXXX XXXXX OO
<div style="text-align: center;"> <div style="border: 1px solid black; width: 40px; height: 30px; margin-bottom: 10px;"></div> <div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; padding: 5px;">10</div> <div style="border: 1px solid black; padding: 5px;">10</div> </div> </div>	XXXXX XXXXX OOOOO OOOOO

Name \_\_\_\_\_

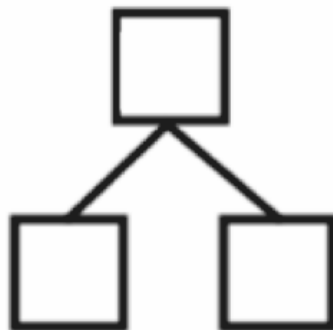
Date \_\_\_\_\_

Bob bought 7 sprinkle donuts and 10 chocolate donuts. Draw and show all of Bob's donuts.

Write an addition sentence to match your drawing.

\_\_\_\_\_

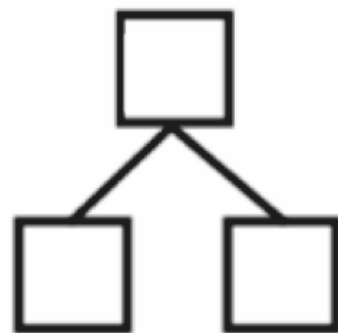
Fill in the number bond to match your sentence.



Fran has 17 baseball cards. Show Fran's baseball cards as 10 ones and some ones.

Write an addition sentence and a number bond that tell about the baseball cards.

\_\_\_\_\_

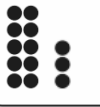


## Rabbit and Froggy's Matching Race

**Directions:** Play Rabbit and Froggy's Matching Race with a friend, relative, or parent to help your animal reach its food first! The first animal to reach the food wins.

- Put your Teen number and Dot cards face down in rows with Teen numbers in one row and Dot cards in another row.
  - Flip to find 2 cards that match.  
Place cards back in the same place if they don't match.  
Continue until you find a match.
- 13

→


- Write a number bond to match.  

→

13

10

3

→

 Hop 1 space if you get it right!
  - Write a number sentence .  

→

$13 = 10 + 3$

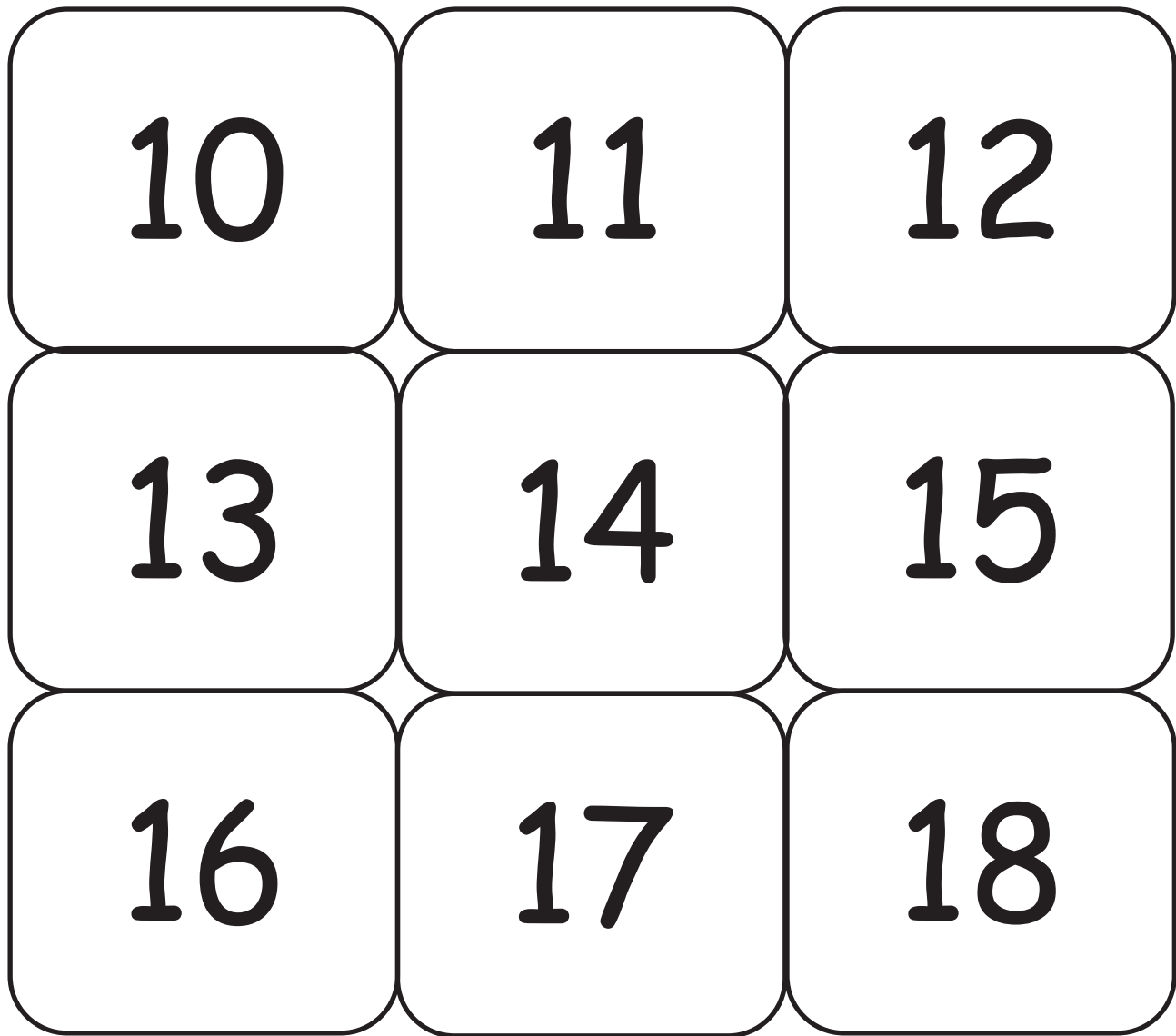
→

 Hop 1 space again if you get it right!



10	11	12	13	14	15	16	17	18	19	20
----	----	----	----	----	----	----	----	----	----	----



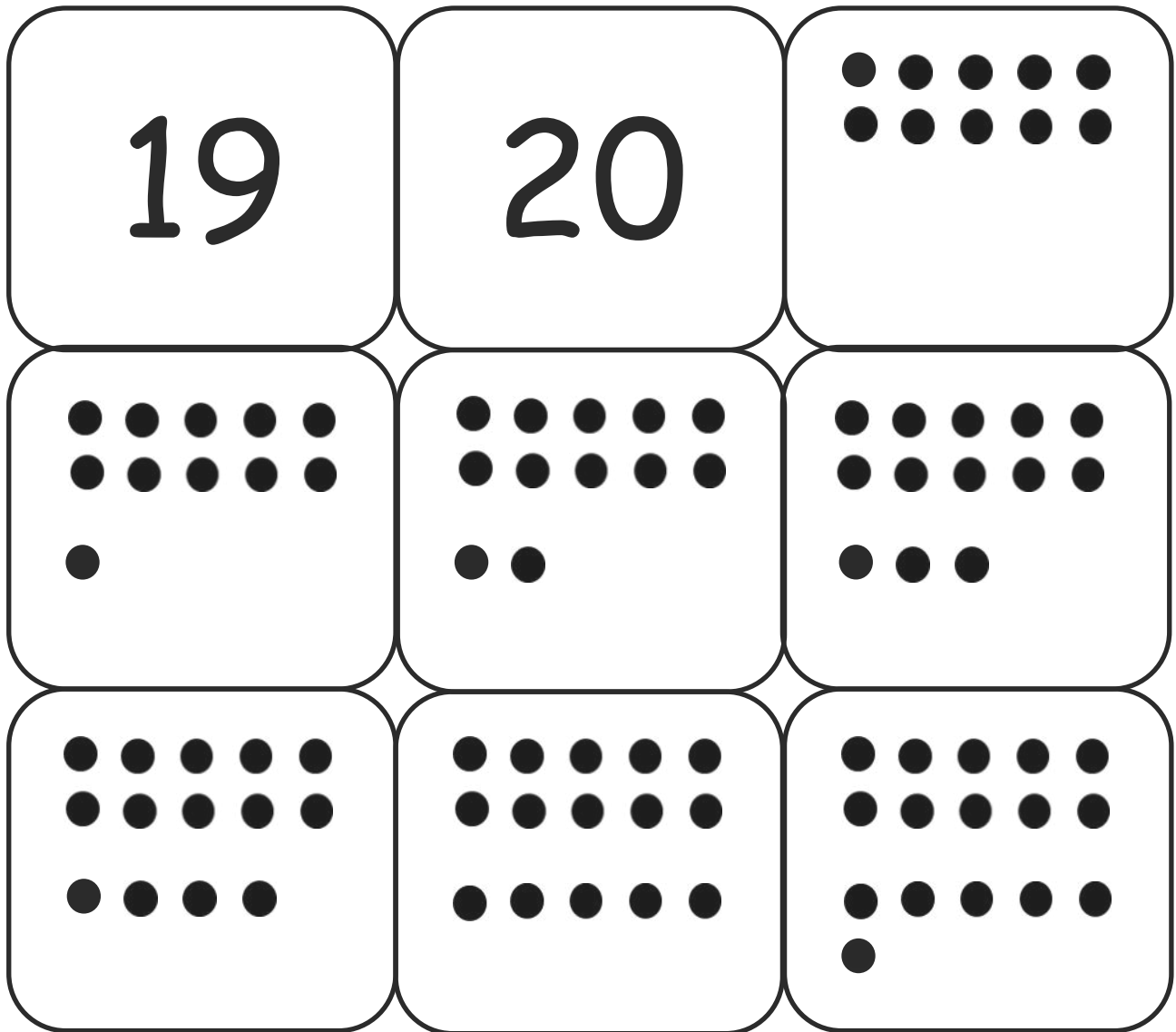


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teen number and dot cards



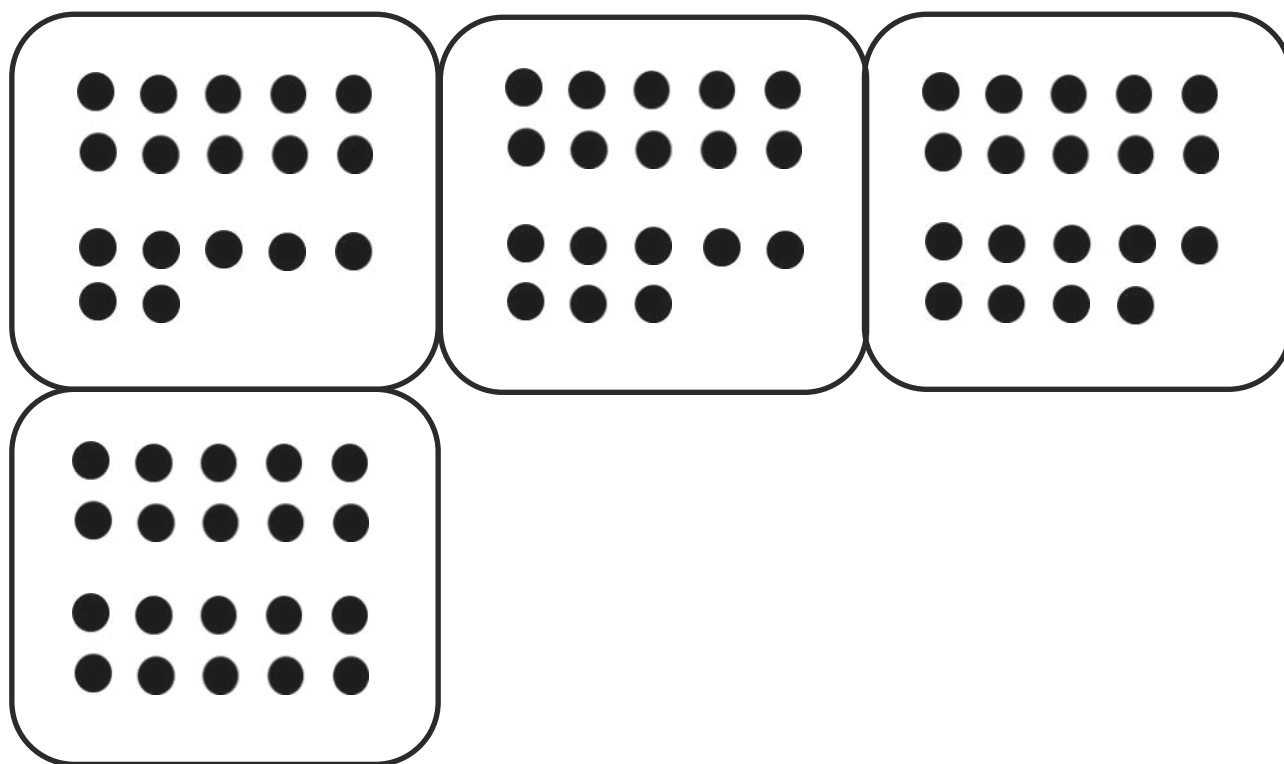




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teen number and dot cards





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teen number and dot cards











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Video tutorials: <http://embarc.online>



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