

EUREKA MATH

A STORY OF UNITS



Mathematics Curriculum



Grade K • MODULE 5

Numbers 10 – 20 and Counting to 100

PROBLEM SETS

Info for parents: <http://bit.ly/pusdmath>

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

Version 3



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GRADE K • MODULE 5

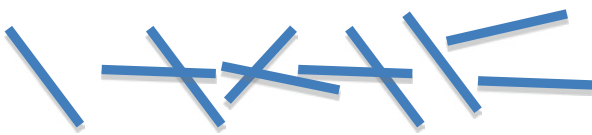
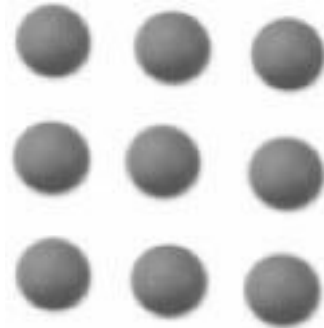
Numbers 10–20 and Counting to 100

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Name _____

Date _____

Circle the groups that have 10 ones.



How many times did you count 10 ones?

Name _____

Date _____



I have 10 ones and 2 ones.

Touch and count 10 things. Put a check over each one as you count 10 things.



I have 10 ones and ____ ones.



I have 10 ones and ____ ones.



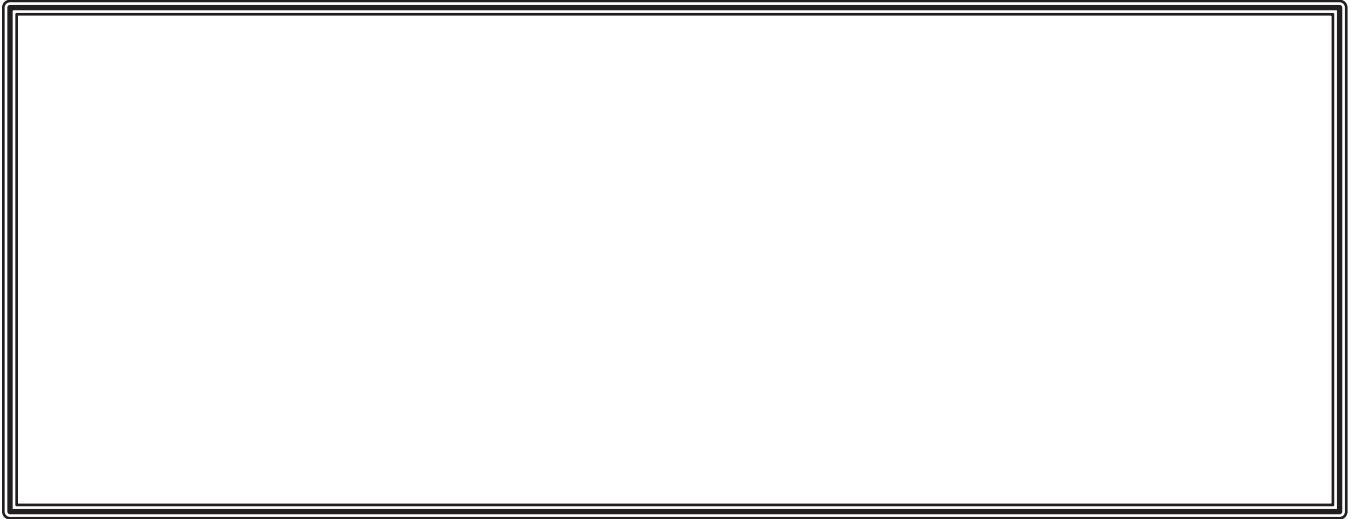
I have ____ ones and ____ ones.



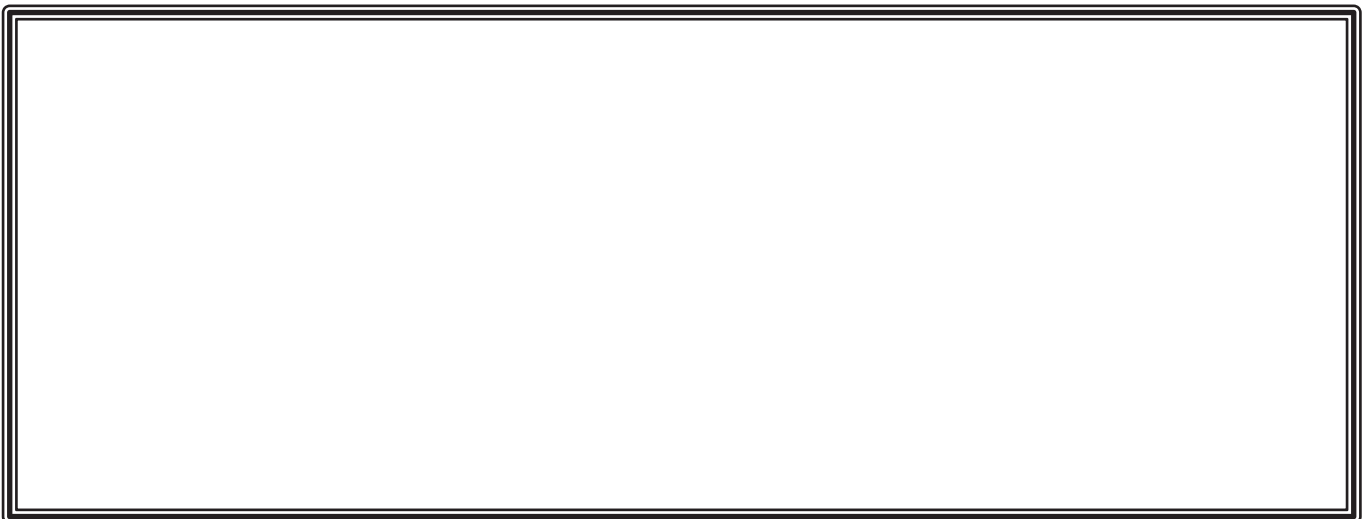
I have ____ ones and ____ ones.

Draw pictures to match the words.

I have 10 small circles and 2 small circles:



I have 10 ones and 4 ones:



Name _____

Date _____

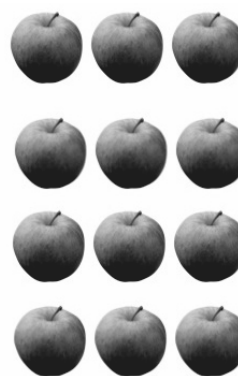


I have 10 ones and 2 ones.

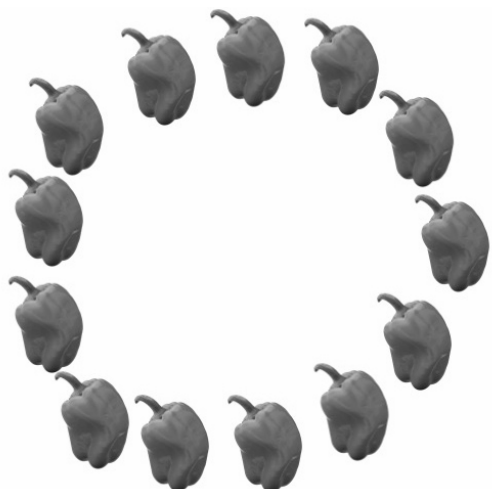
Count and circle 10 things. Tell how many there are in two parts, 10 ones and some more ones.



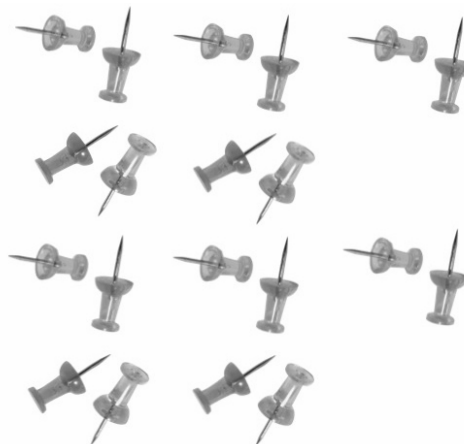
I have 10 ones and ____ ones.



I have ____ ones and ____ ones.



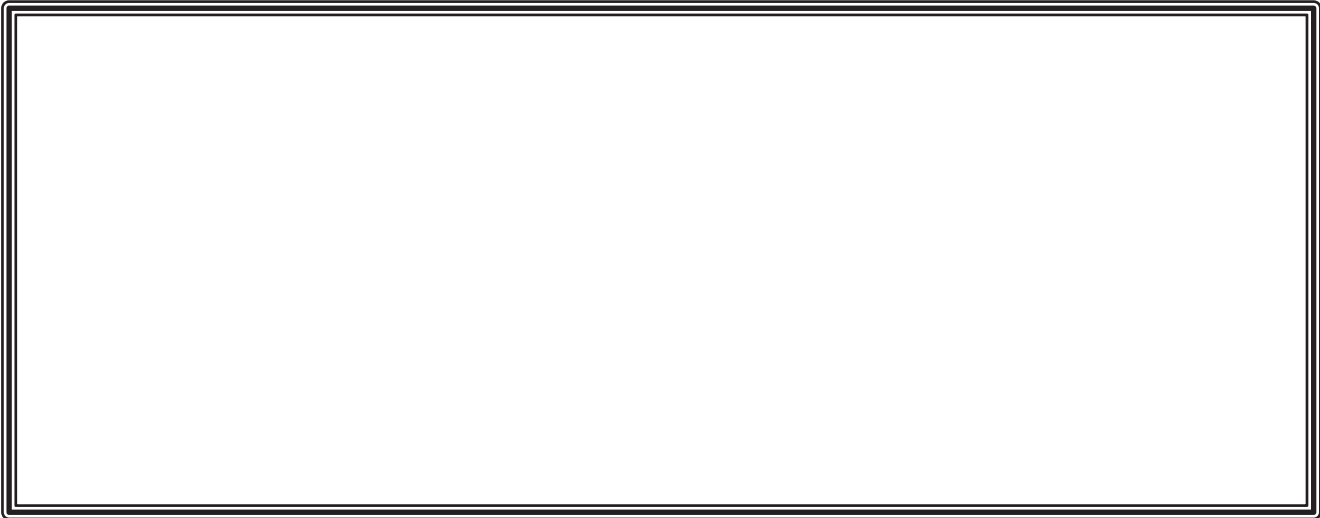
I have ____ ones and ____ ones.



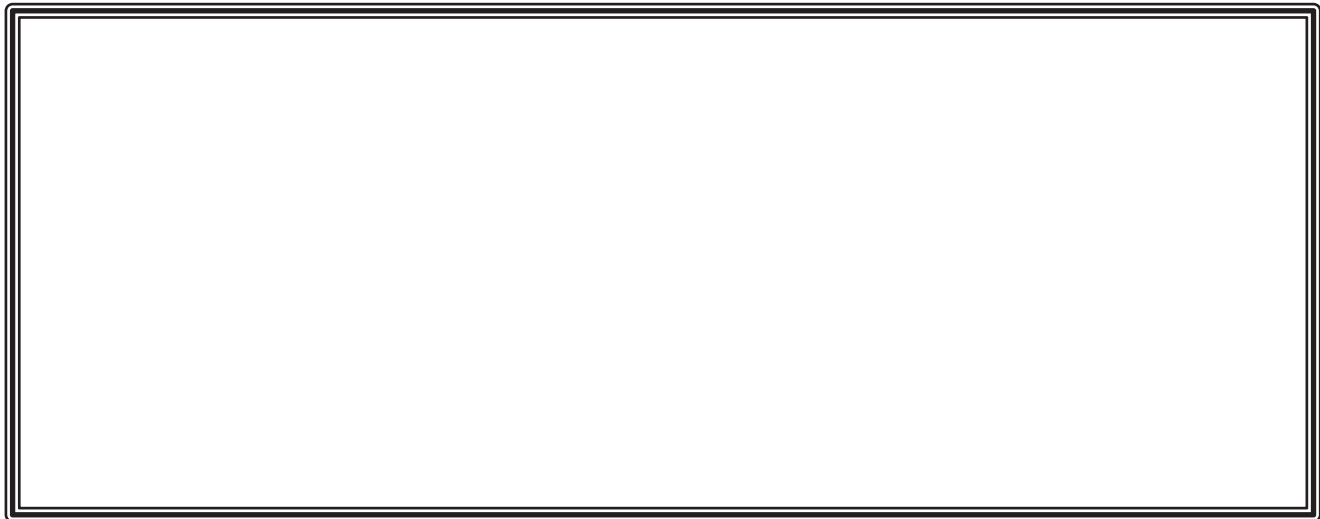
I have ____ ones and ____ ones.

Draw your picture to match the words. Circle 10 ones.

I have 10 ones and 3 ones:



I have 10 ones and 8 ones:



Name _____ Date _____

Draw 10 ones and some ones. Whisper count as you work the Say Ten Way.

I can make ten three.
10 3

I can make ten seven.
10 7

I can make **ten two**.
 $10 + 2$

I can make **ten nine**.
 $10 + 9$

Name _____

Date _____

Circle 10.

circle 10

Name _____

Date _____



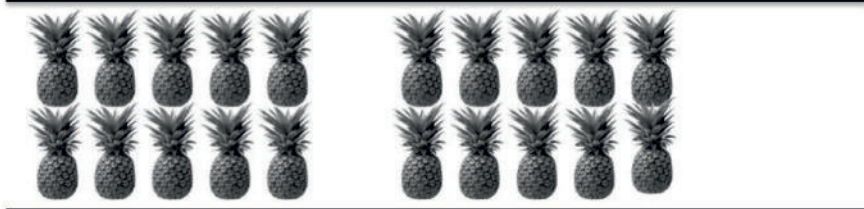
Circle 10 things. Touch and count the Say Ten way. Count your 10 ones first. Put a check over the loose ones. Draw a line to match the number.



Ten one
10 1



Ten seven
10 7



Ten three
10 3



Ten four
10 4



Two ten
10 10

Ten eight
10 8

Name _____

Date _____

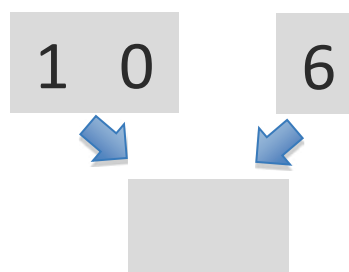
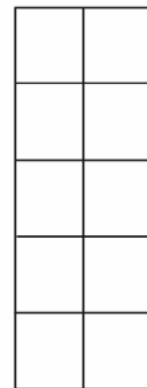
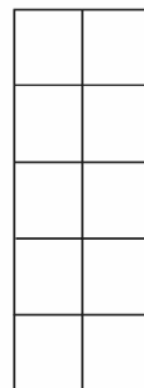
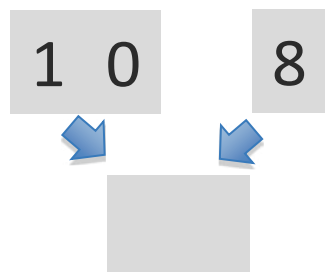
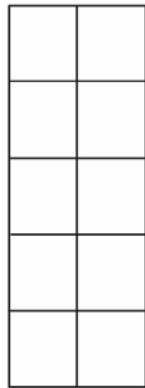
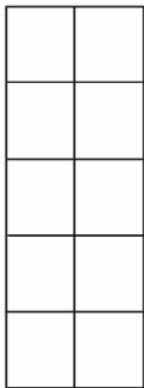
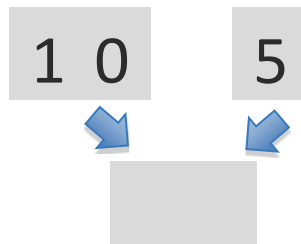
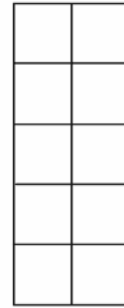
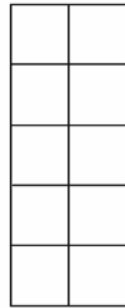
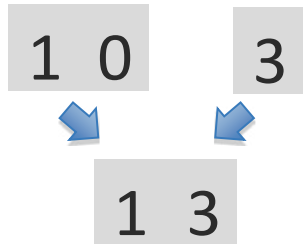
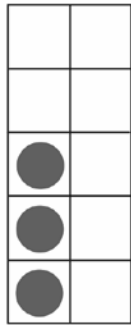
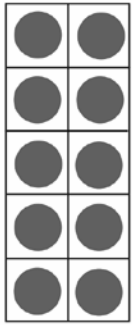
Circle sets of 10, and tell how many.

circle 10 ones

Name _____

Date _____

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



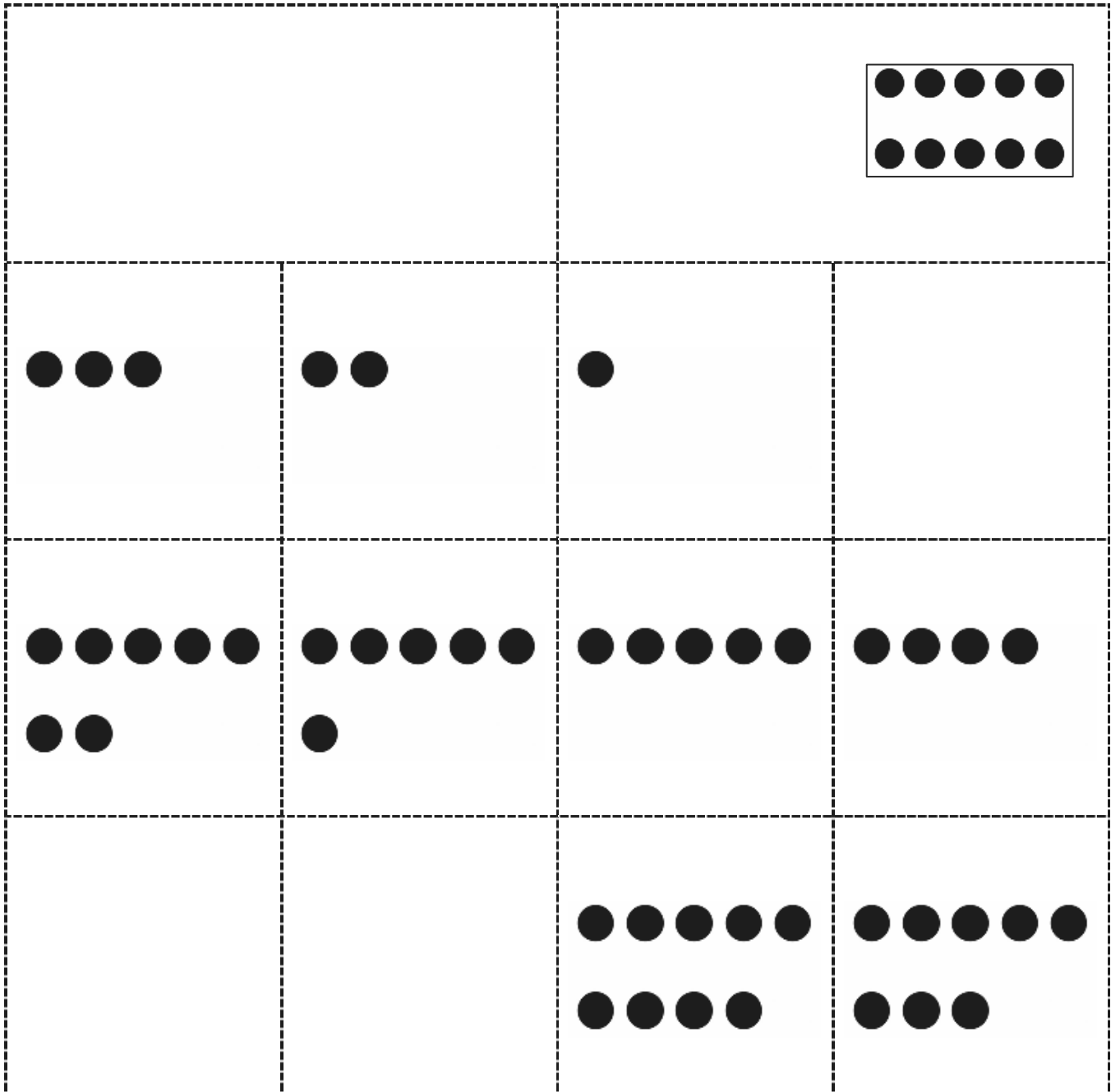
Hide Zero cards. Copy double-sided.

Numerals

1	0		
0	1	2	3
4	5	<u>6</u>	7
8	<u>9</u>		

5-group cards (numeral side) (Copy double-sided with 5-groups on card stock, and cut.)

Hide Zero cards. Copy double-sided.
5-groups



5-group cards (5-group side) (Copy double-sided with numerals on card stock, and cut.)

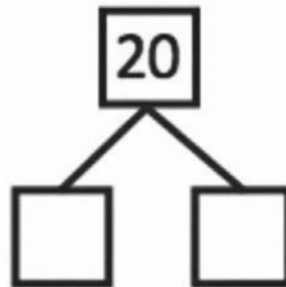
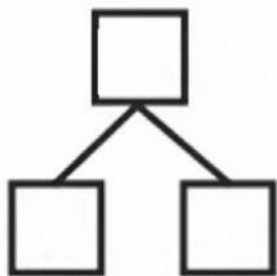
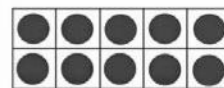
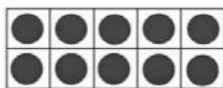
Name _____

Date _____

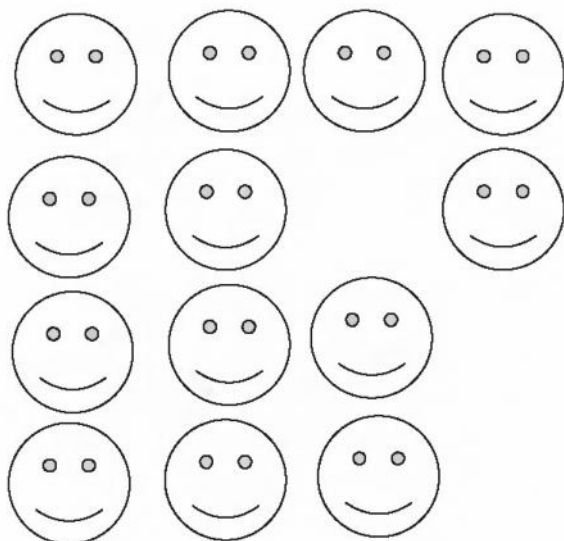
Look at the Hide Zero cards or the 10-frame cards. Use your cards to show the number. Write the number as a number bond.

<div style="display: flex; justify-content: center; align-items: center; margin-bottom: 10px;"> <div style="border: 1px solid gray; padding: 5px; margin-right: 10px;">1</div> <div style="border: 1px solid gray; padding: 5px; margin-right: 10px;">0</div> </div> <div style="display: flex; justify-content: center; align-items: center;"> <div style="border: 1px solid black; padding: 10px; margin-right: 20px;">10</div> <div style="border: 1px solid black; width: 40px; height: 40px; margin-left: 20px;"></div> </div> <div style="display: flex; justify-content: center; align-items: center; margin-top: 10px;"> <div style="border: 1px solid black; padding: 5px; margin-right: 10px;">10</div> <div style="border: 1px solid black; width: 40px; height: 40px; margin-left: 10px;"></div> </div>	<div style="display: flex; justify-content: center; align-items: center; margin-bottom: 10px;"> <div style="border: 1px solid gray; padding: 5px; margin-right: 10px;">1</div> <div style="border: 1px solid gray; padding: 5px; margin-right: 10px;">0</div> </div> <div style="display: flex; justify-content: center; align-items: center; margin-bottom: 10px;"> <div style="border: 1px solid gray; padding: 5px; margin-right: 10px;">1</div> </div> <div style="display: flex; justify-content: center; align-items: center;"> <div style="border: 1px solid black; width: 40px; height: 40px; margin-right: 20px;"></div> <div style="border: 1px solid black; width: 40px; height: 40px; margin-left: 20px;"></div> </div> <div style="display: flex; justify-content: center; align-items: center; margin-top: 10px;"> <div style="border: 1px solid black; width: 40px; height: 40px; margin-right: 10px;"></div> <div style="border: 1px solid black; width: 40px; height: 40px; margin-left: 10px;"></div> </div>	<div style="display: flex; justify-content: center; align-items: center; margin-bottom: 10px;"> <div style="border: 1px solid gray; padding: 5px; margin-right: 10px;">1</div> <div style="border: 1px solid gray; padding: 5px; margin-right: 10px;">0</div> </div> <div style="display: flex; justify-content: center; align-items: center; margin-bottom: 10px;"> <div style="border: 1px solid gray; padding: 5px; margin-right: 10px;">2</div> </div> <div style="display: flex; justify-content: center; align-items: center;"> <div style="border: 1px solid black; width: 40px; height: 40px; margin-right: 20px;"></div> <div style="border: 1px solid black; width: 40px; height: 40px; margin-left: 20px;"></div> </div> <div style="display: flex; justify-content: center; align-items: center; margin-top: 10px;"> <div style="border: 1px solid black; width: 40px; height: 40px; margin-right: 10px;"></div> <div style="border: 1px solid black; width: 40px; height: 40px; margin-left: 10px;"></div> </div>																																																												
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1 0 9



Circle 10 smiley faces. Draw a number bond to match the total number of faces.



Name _____

Date _____

Use your materials to show each number as 10 ones and some more ones. Use your 5-groups way of drawing. Show each number with your Hide Zero cards. Whisper count as you work.

11

18

15

14

12

17

20

13

Name _____

Date _____

Whisper count as you draw the number. Fill one ten-frame first. Show your numbers with your Hide Zero cards.

12

17

16

13

Draw and circle 10 ones and some more ones to show each number.

20

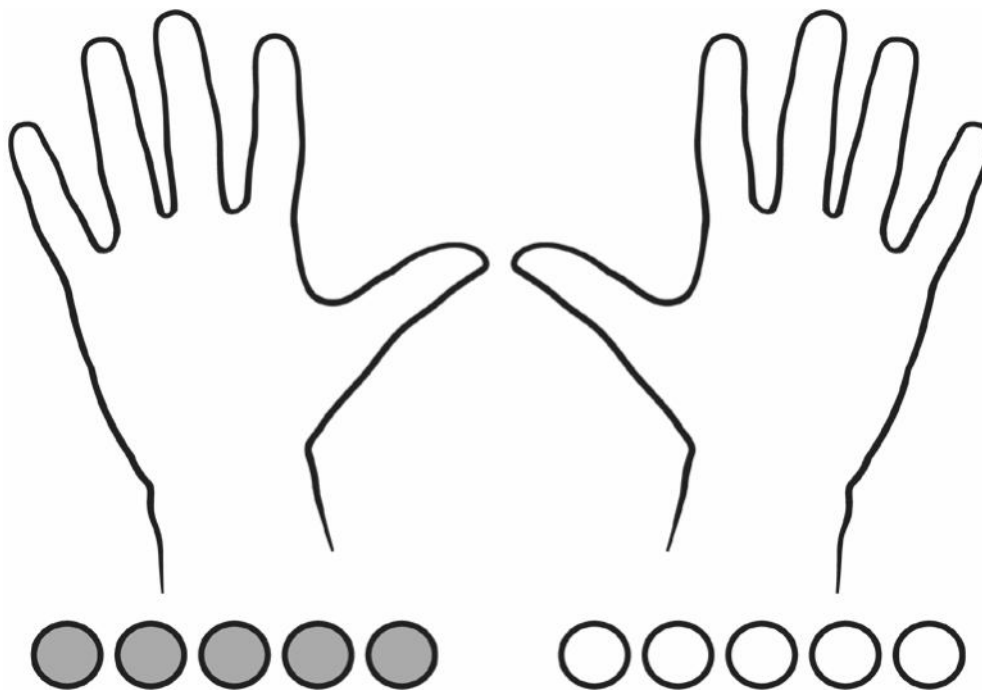
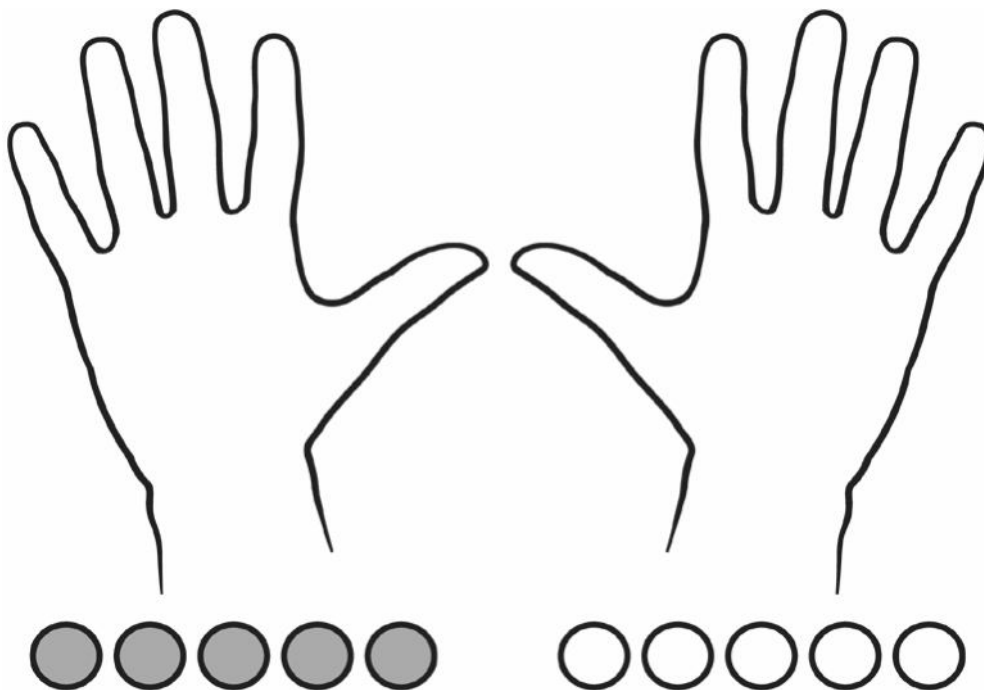
11

Choose a teen number to draw. Circle 10 ones and some ones to show each number.



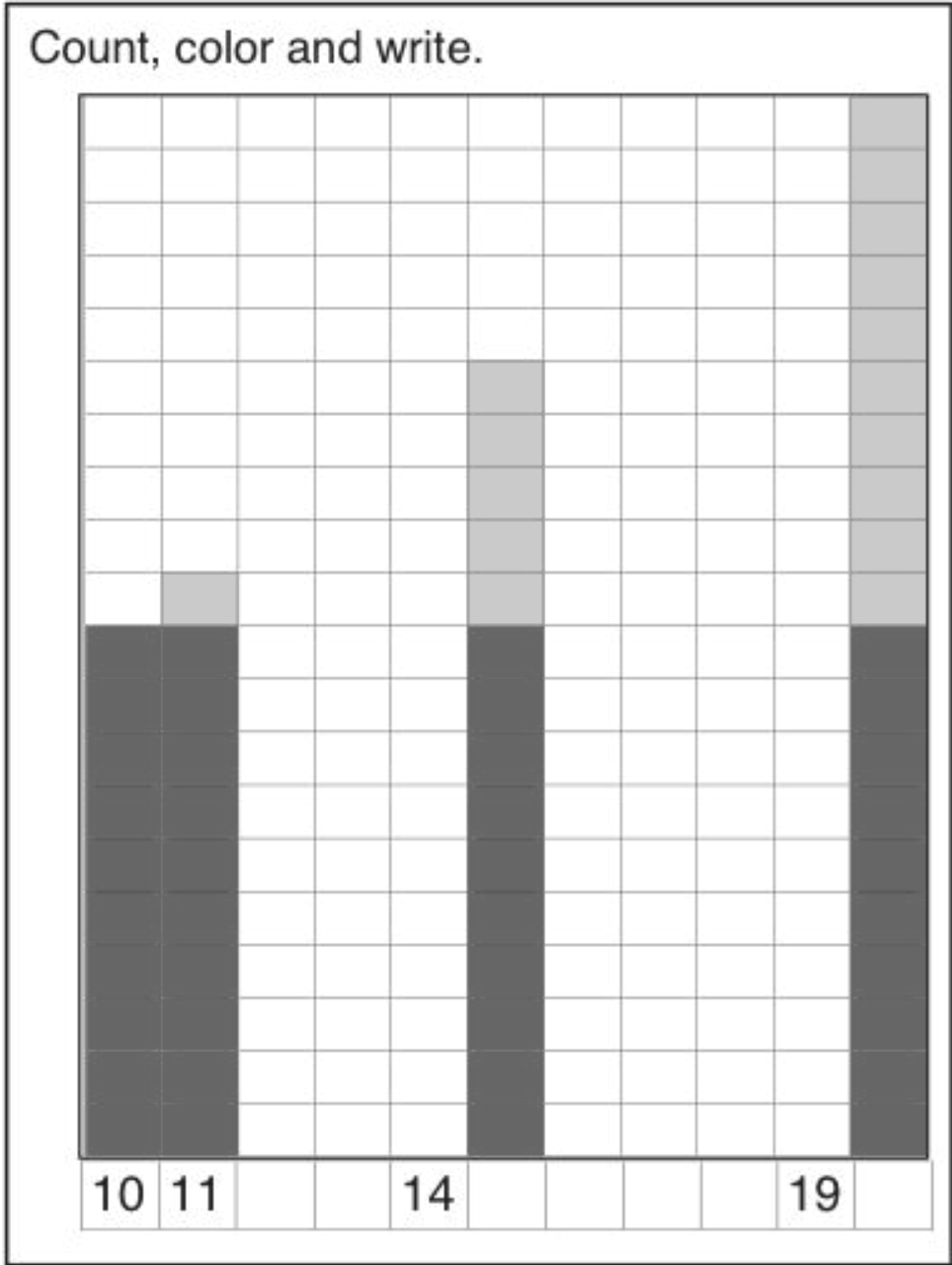
Name _____

Date _____



Name _____

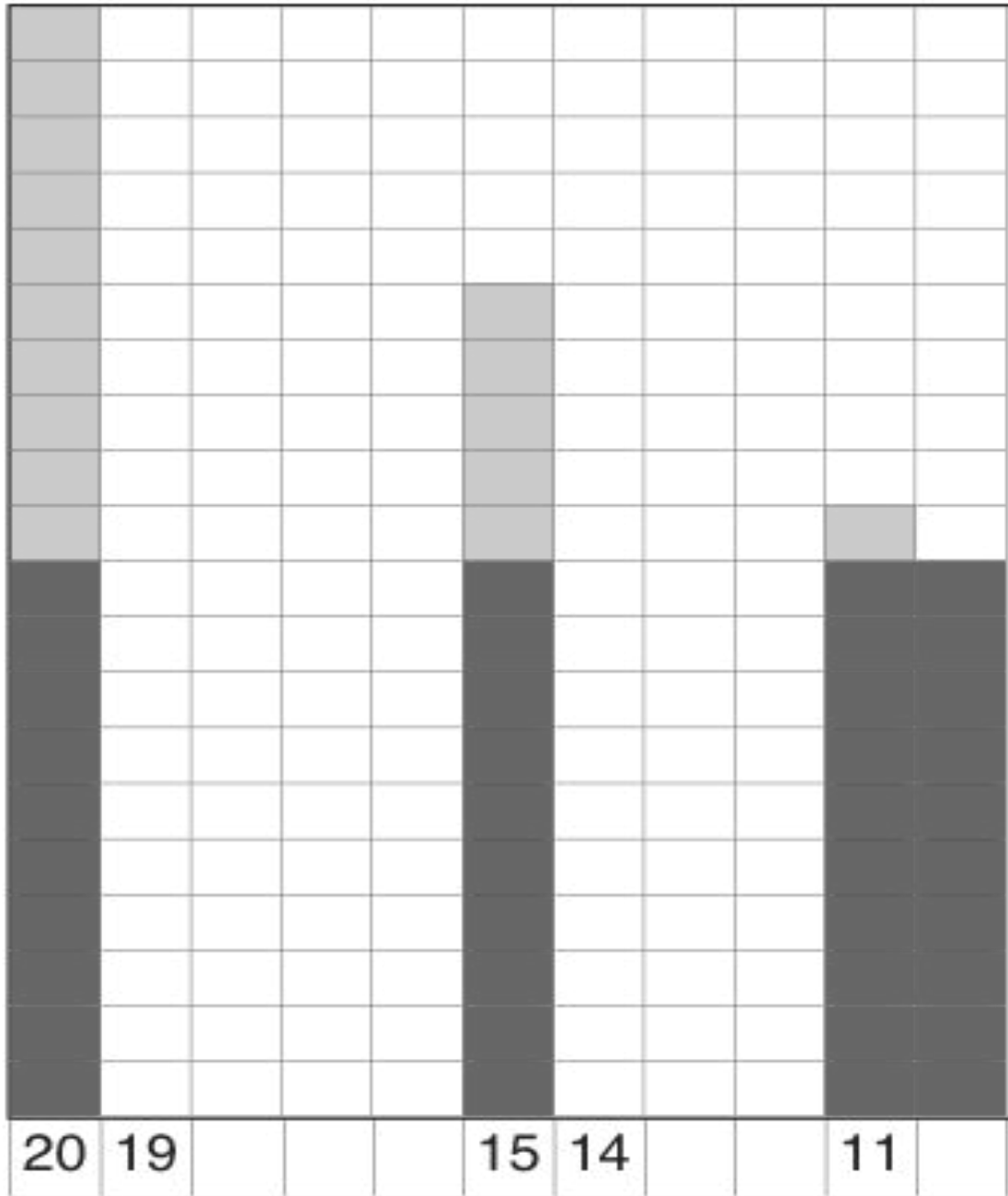
Date _____



Name _____

Date _____

Count, color and write.

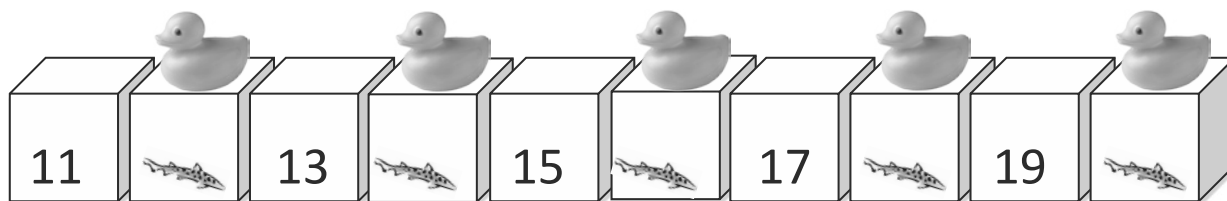


Name _____

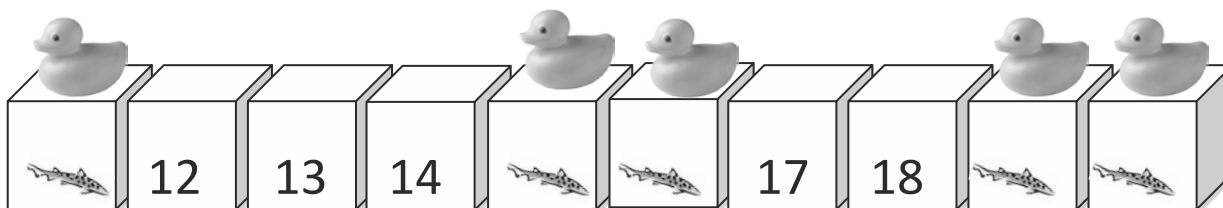
Date _____

The ducks found some tasty fish to eat in the boxes!
Count up on the number path.

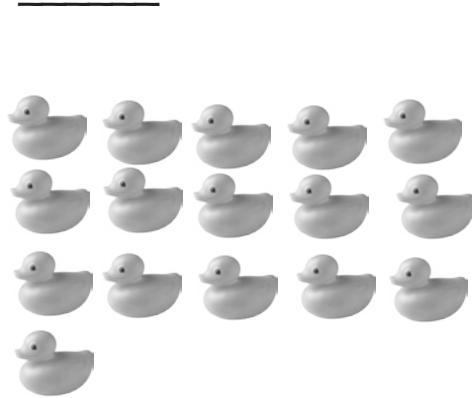
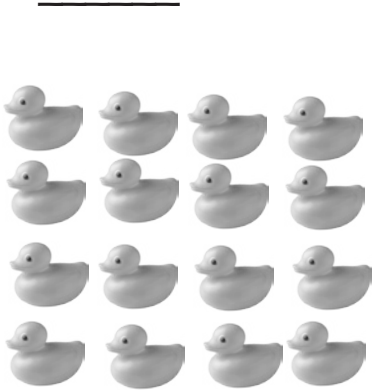
Write the missing numbers for the boxes that have a duck on top.



Write the missing numbers for the boxes that have a duck on top.



How many ducks do you count?



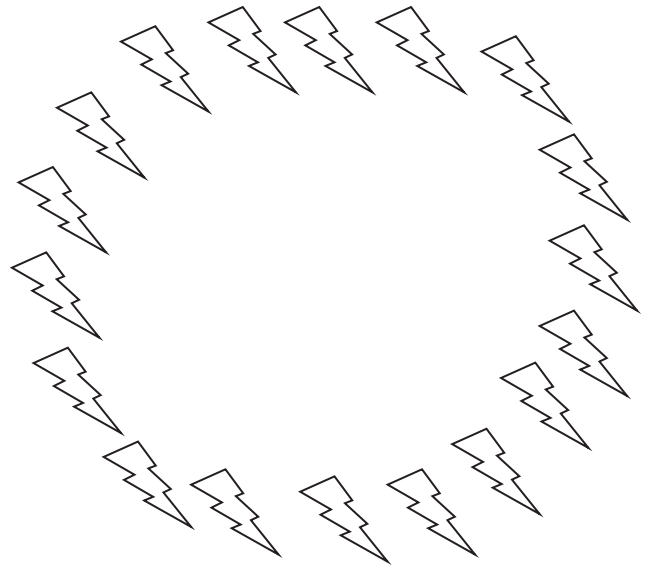
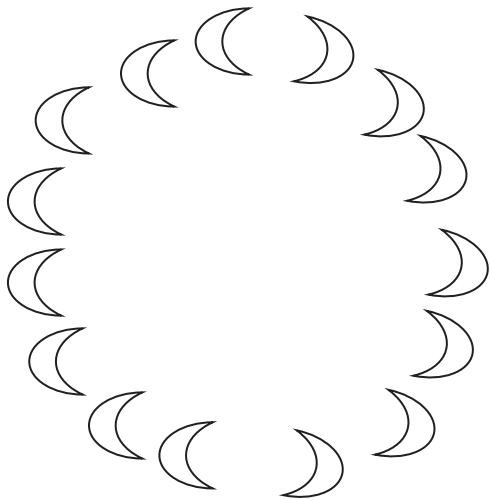
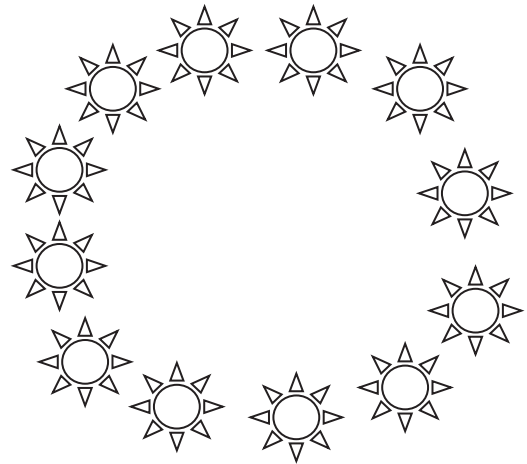
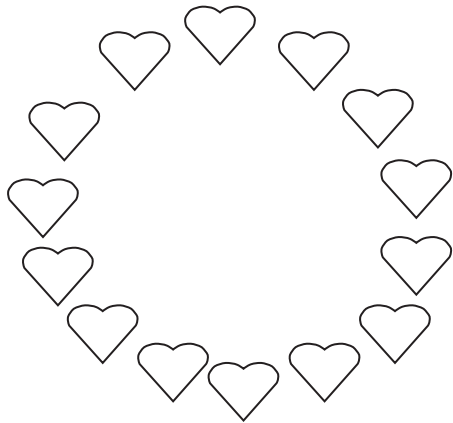
In the space below, draw 15 circles in rows.

In the space below, draw 12 squares in rows.

Name _____

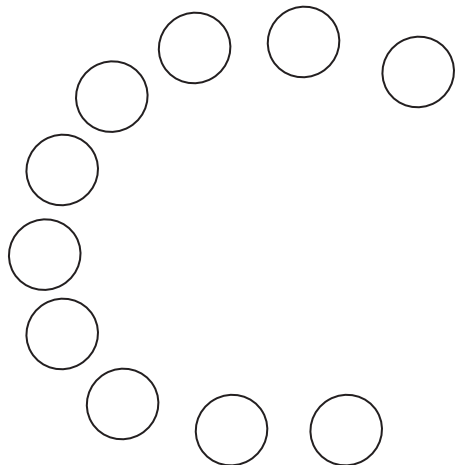
Date _____

Whisper count how many objects there are. Write the number.

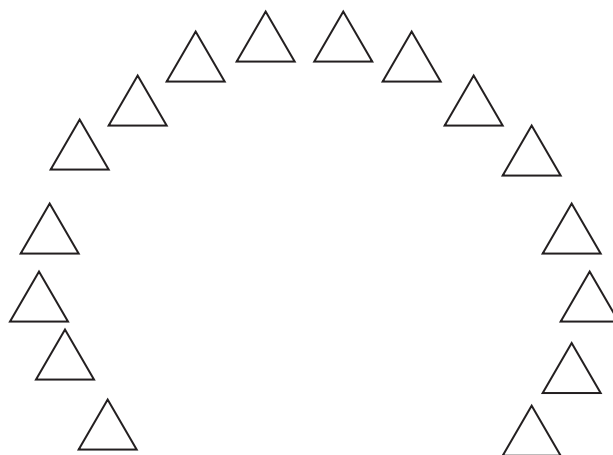


Whisper count and draw in more shapes to match the number.

13



20



Early finishers: Write your own teen number in the box. Draw a picture to match your number.

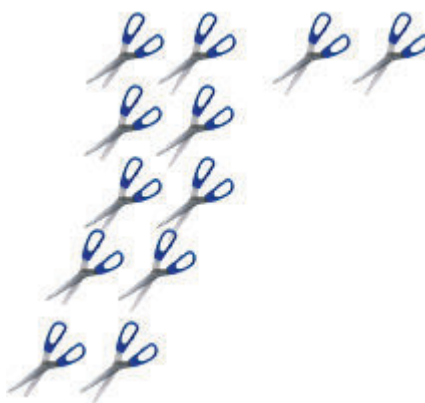


Name _____

Date _____

Count the objects in each group and write the number.












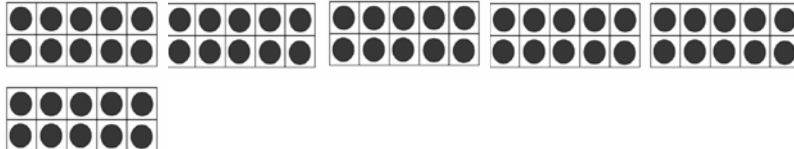
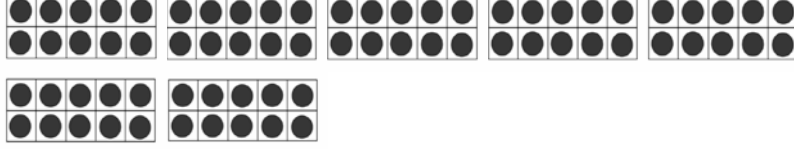
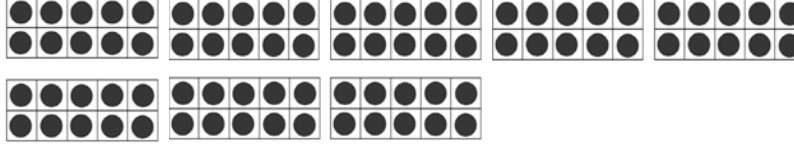
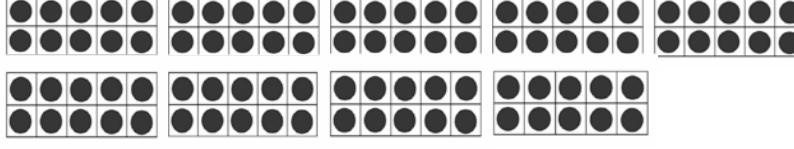
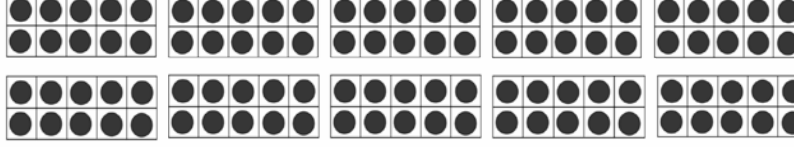


teen counting array

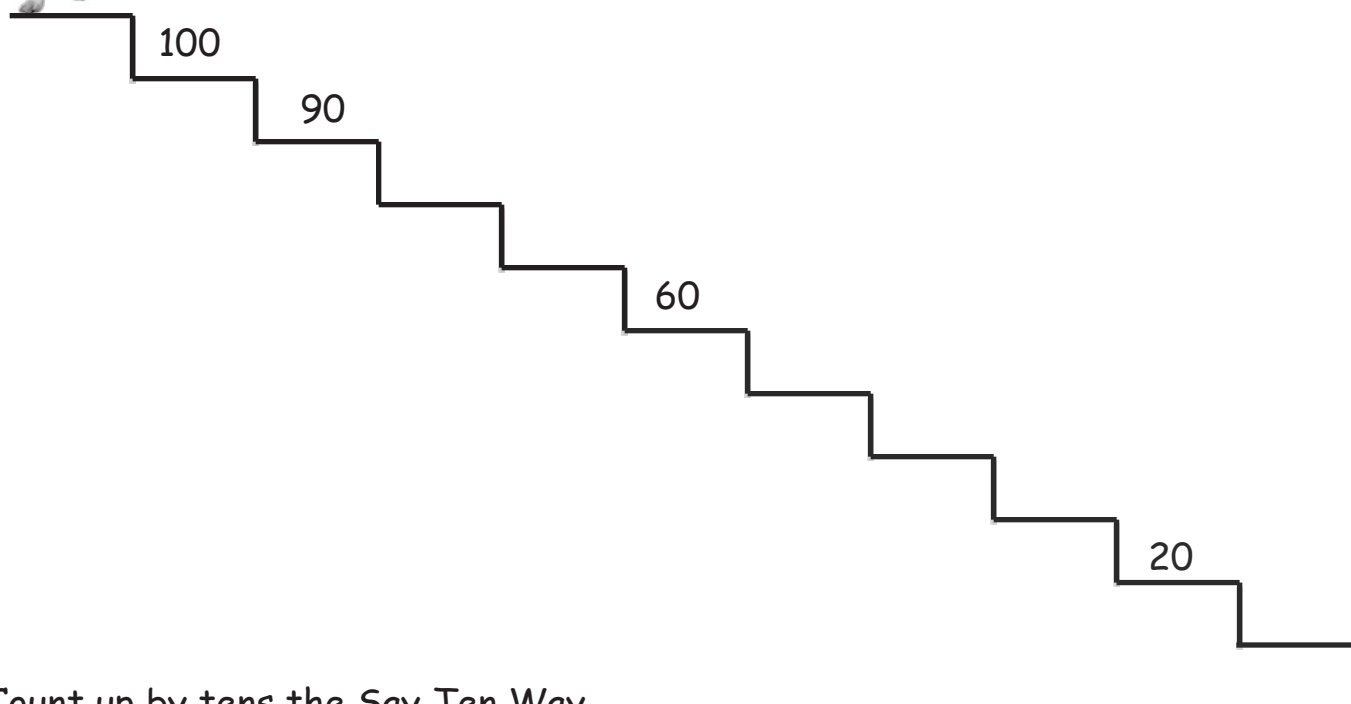
Name _____

Date _____

Count up by tens, and write the numbers.

	10
	20
	
	
	50
	
	
	
	
	

Help the puppy down the stairs! Count down by tens. Write the numbers.



Count up by tens the Say Ten Way.

ten	___ tens	<u>3</u> tens	___ tens
___ tens	___ tens	___	___

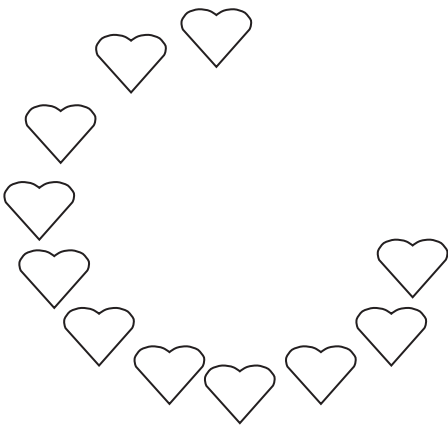
←

Name _____

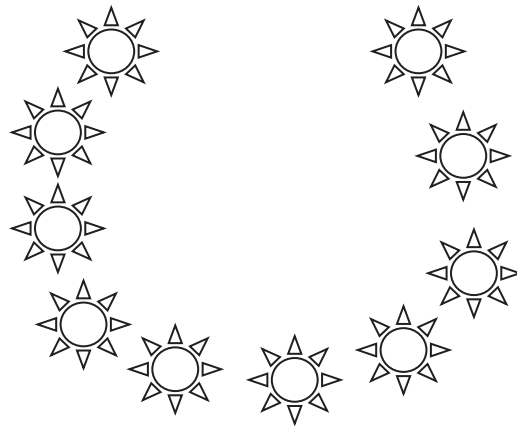
Date _____

Whisper count and draw in more shapes to match the number.

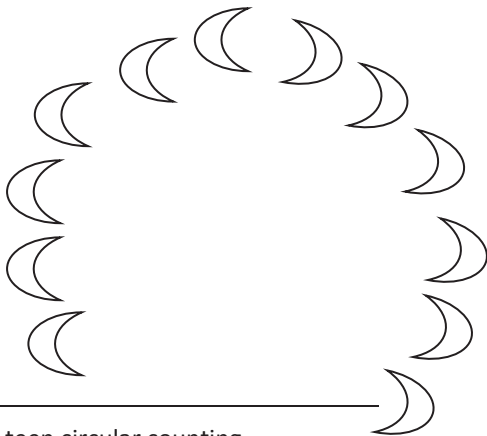
14



12

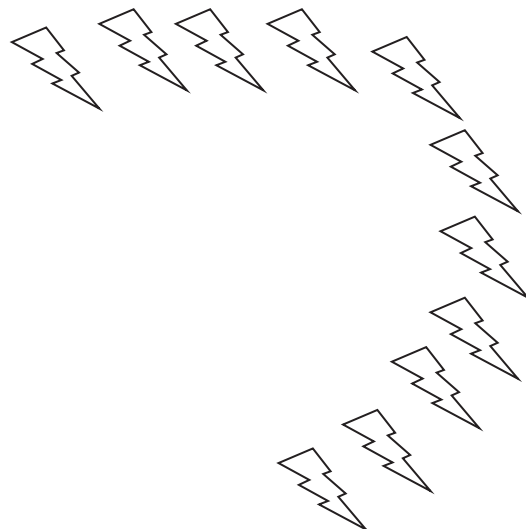


15



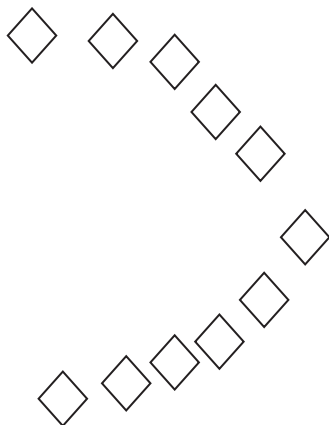
teen circular counting

17

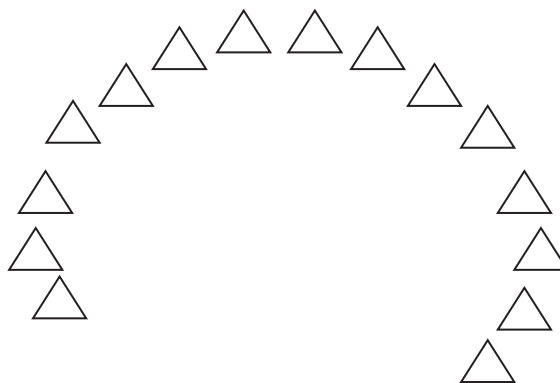


Whisper count and draw in more shapes to match the number.

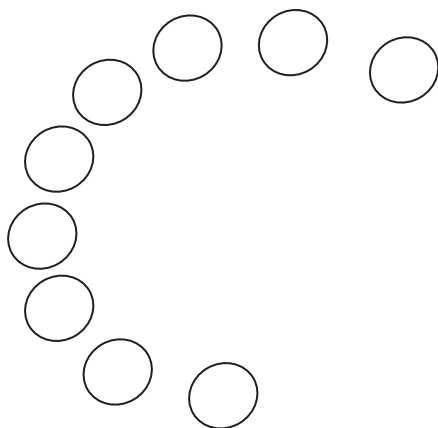
16



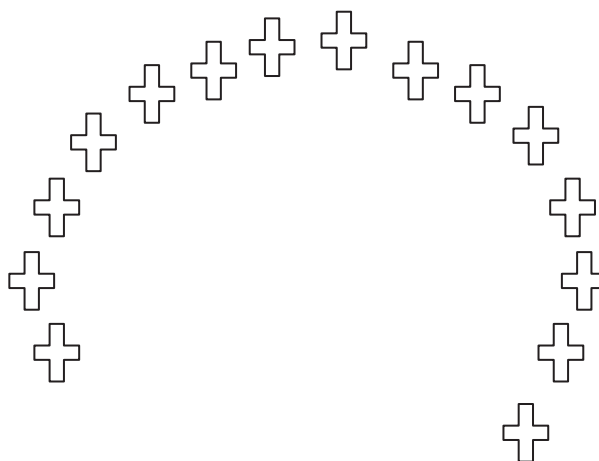
19



13



20



teen circular counting

Name _____

Date _____

Count up or down by 1s. Help the animals and the girl get what they want!

20 22 24 26

40 44 46 48

92 99

Count up.



Count down.

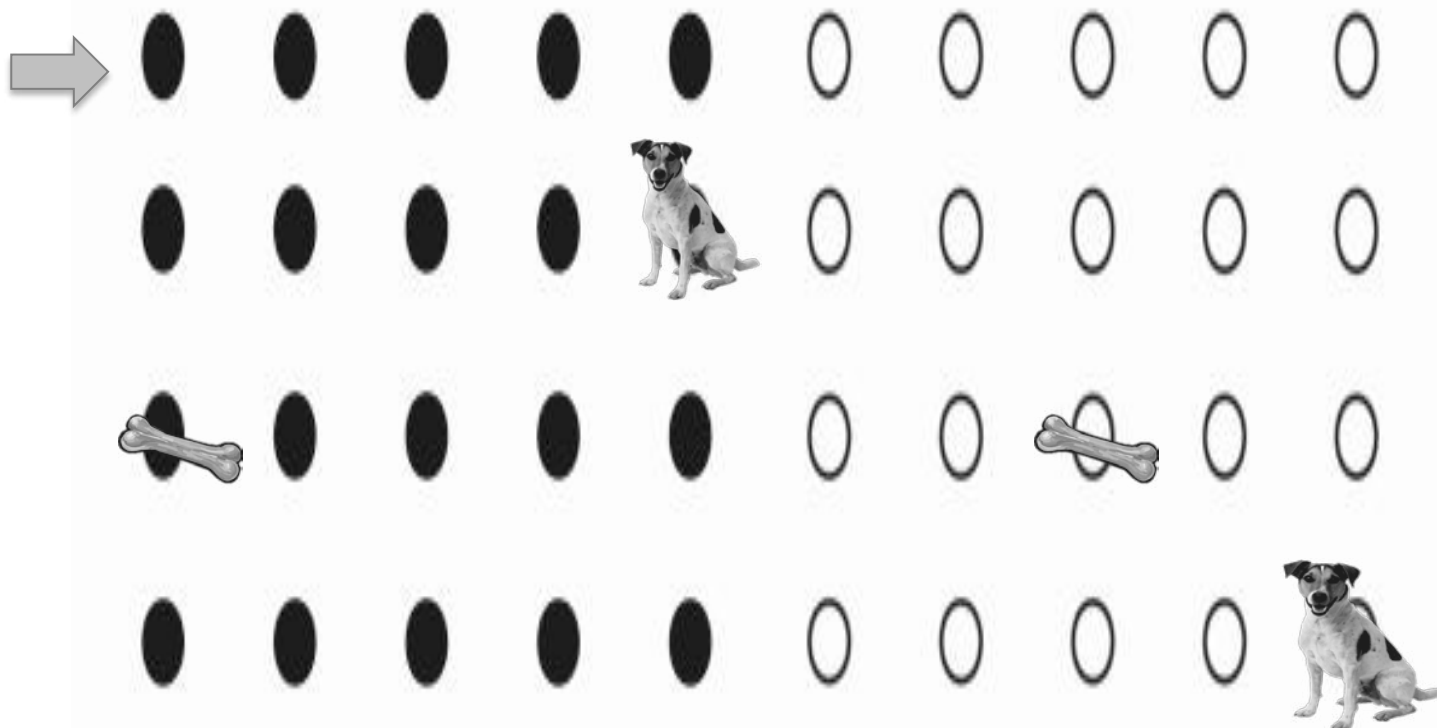
63	64	<input type="text"/>	<input type="text"/>	<input type="text"/>
----	----	----------------------	----------------------	----------------------

66	<input type="text"/>	<input type="text"/>	<input type="text"/>
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Name _____

Date _____

Touch and count the dots from left to right starting at the arrow. Count to the puppy, and then keep counting to his bones and twin brother!

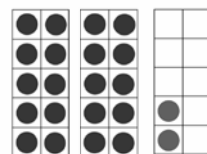
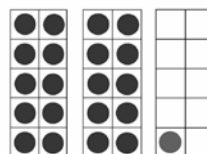
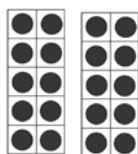
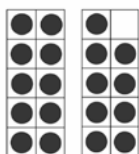
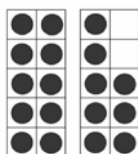
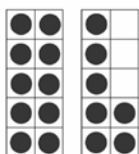


Count again and color the last dot of each row green. When you have finished, go back and see if you can remember your green numbers!

What number did you say when you touched the first puppy?

- The first bone?
- The second bone?
- His twin brother?

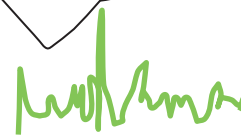
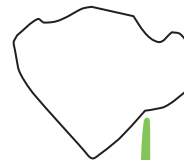
Count each number by 1s. Write the number below when there is a box.



17

21

Touch and count the rocks from the cow to the grass!



Count up by 1s. Help the kitty play with her yarn!



31

32

36



Count down by 1s.

11

10

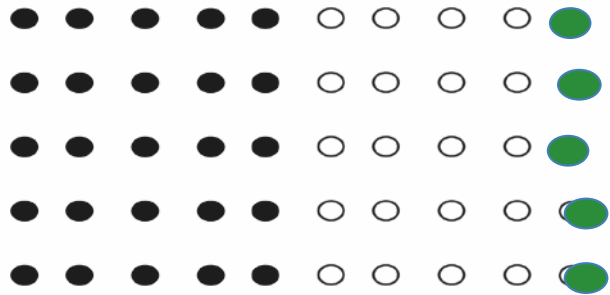
21

19

31

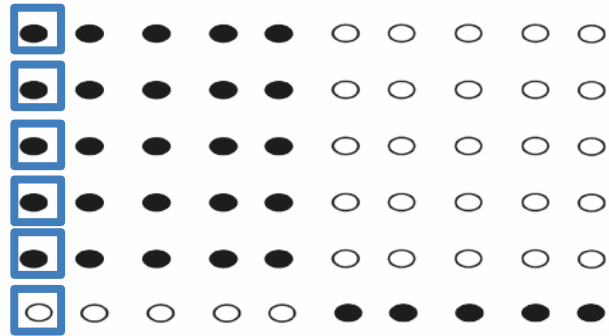
Teachers' Directions for the Rekenrek Problem Set

Have students show 50 dots by using their hiding paper to cover the other rows.



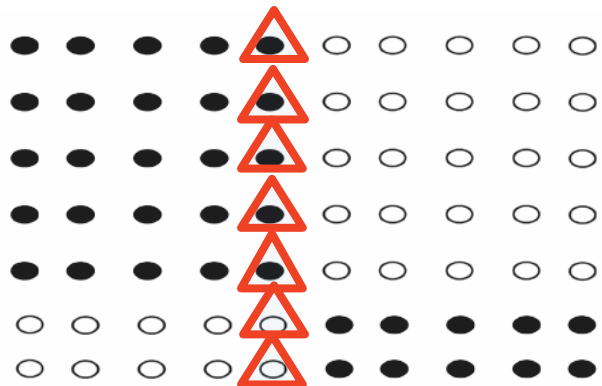
Then, have students whisper count all the dots. Say the last number in each row loudly, and color the circle green.

Have students show 60 dots using their hiding paper to cover 4 rows.



Then, have students whisper count all the dots. Have them box the first dot in each row with blue and say its number loudly.

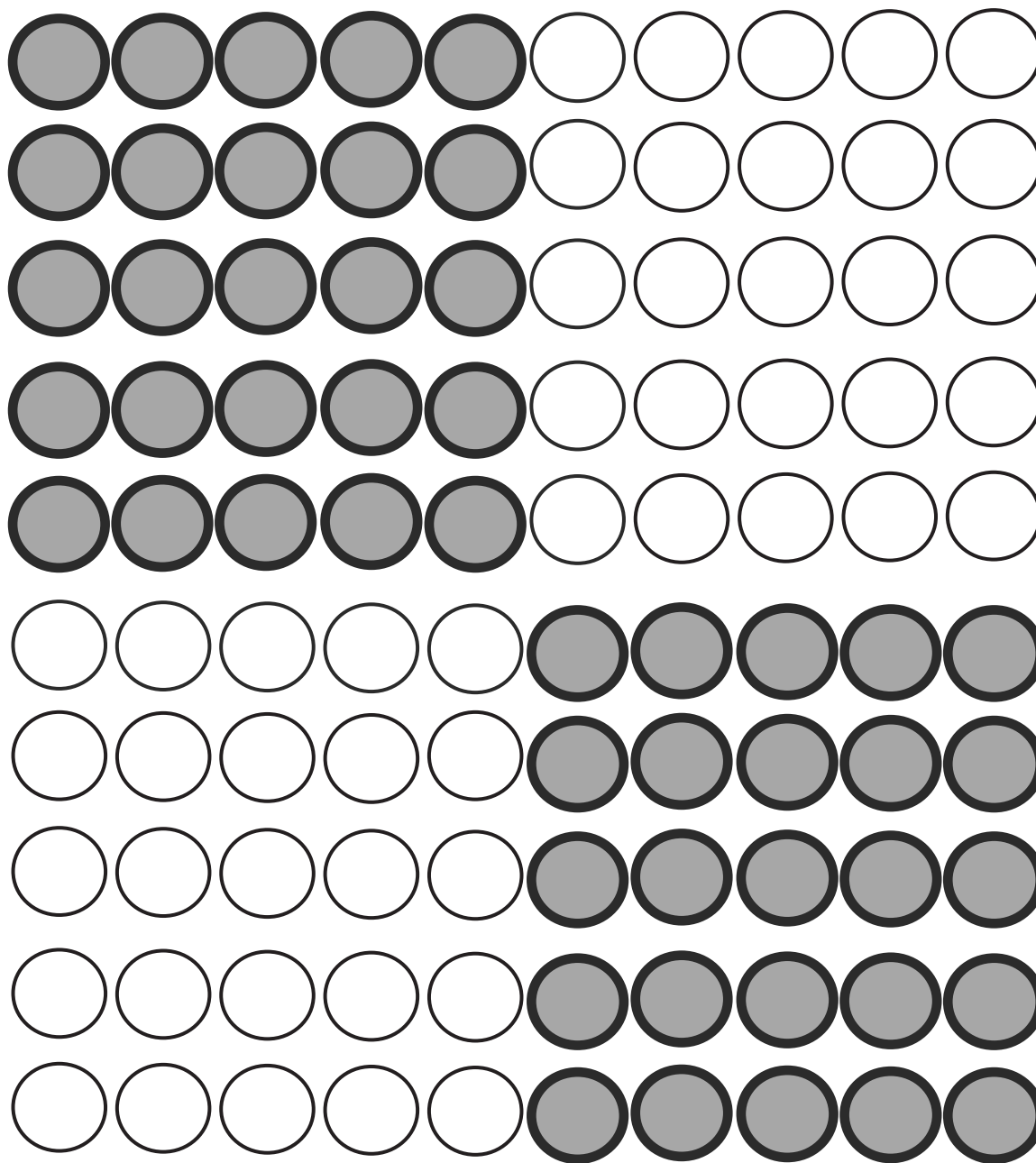
Have students show 70 dots by hiding 30 dots.



Then, have students whisper count all the dots. Have them put a triangle around the fifth dot in each row with red and say those numbers loudly.

Name _____

Date _____

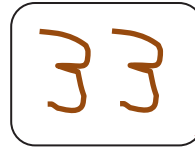
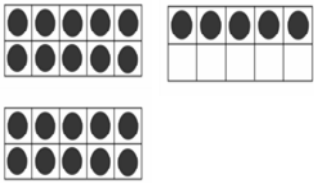
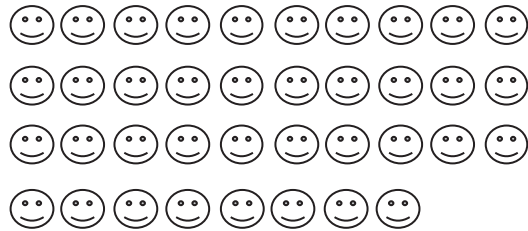
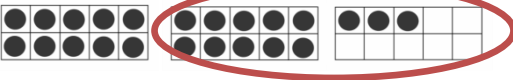
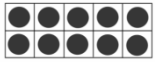
Rekenrek

Name _____

Date _____

Find the Hidden Teen Number

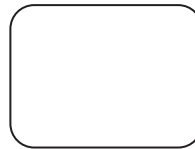
Show each number on your Rekenrek with your partner. Write how many. Circle the teen number inside the big number. Draw a line from the big number to the teen number that hides inside it.



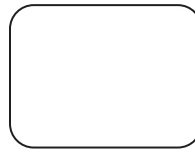
18



15



13



17



11



12

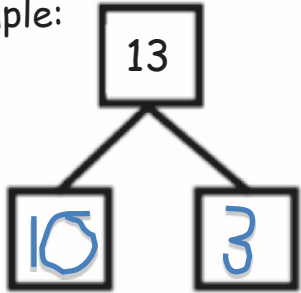


Name _____

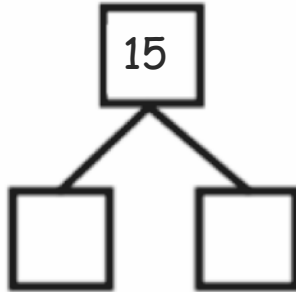
Date _____

Fill in each number bond, and write a number sentence to match them.

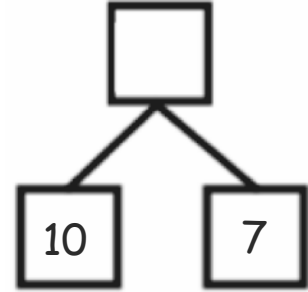
Example:



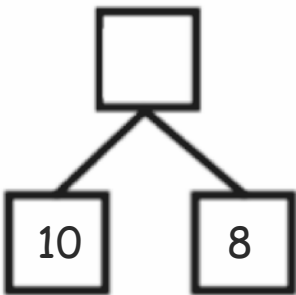
$13 = 10 + 3$



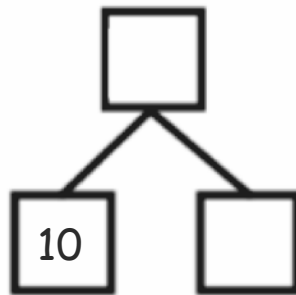
$15 = \underline{\quad} + \underline{\quad}$



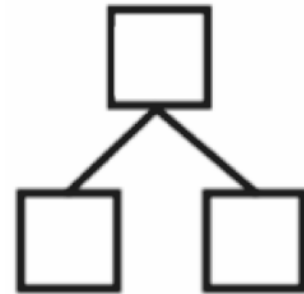
$17 = \underline{\quad} + \underline{\quad}$



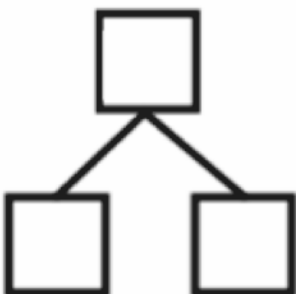
$10 + 8 = \underline{\quad}$



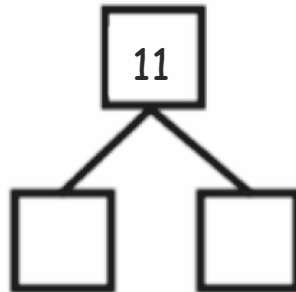
$10 + 6 = \underline{\quad}$



$\underline{\quad} = 10 + 4$



$12 = \underline{\quad} + \underline{\quad}$



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

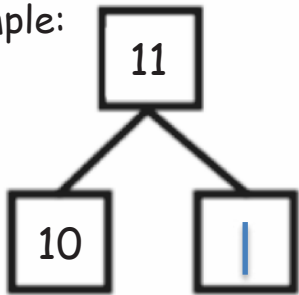
Early finishers:
Make up your own
teen number
bonds and number
sentences on the
back!

Name _____

Date _____

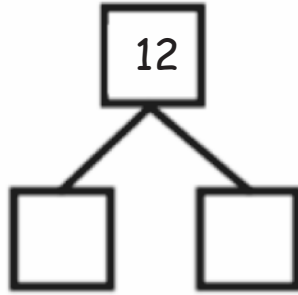
Model each number with cubes on your number bond mat. Then, complete the number sentences and number bonds.

Example:



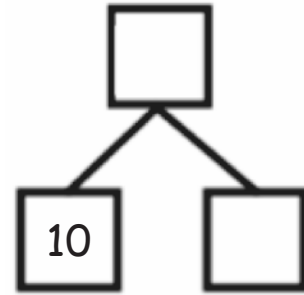
$$11 = 10 + \underline{\quad}$$

$$10 + \underline{\quad} = 11$$



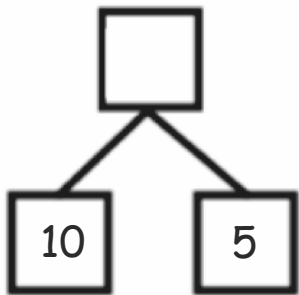
$$12 = 10 + \underline{\quad}$$

$$10 + \underline{\quad} = 12$$



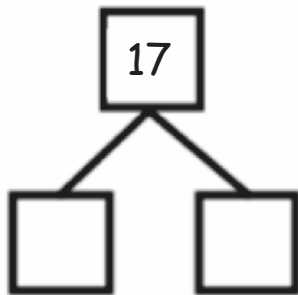
$$13 = 10 + \underline{\quad}$$

$$10 + \underline{\quad} = 13$$



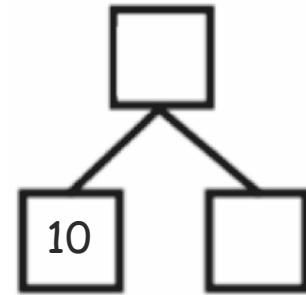
$$\underline{\quad} + 5 = 15$$

$$15 = \underline{\quad} + 5$$



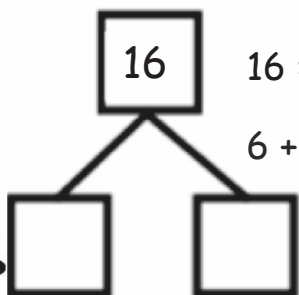
$$\underline{\quad} + 7 = 17$$

$$17 = \underline{\quad} + 7$$



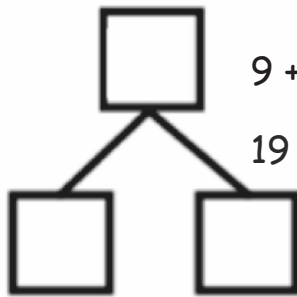
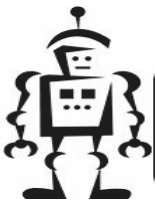
$$\underline{\quad} + 8 = 18$$

$$18 = 10 + \underline{\quad}$$



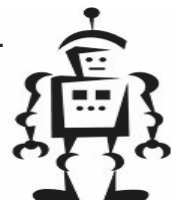
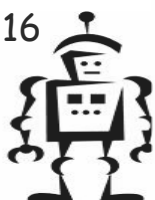
$$16 = 6 + \underline{\quad}$$

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



$$9 + \underline{\quad} = 19$$

$$19 = 10 + \underline{\quad}$$



Name _____

Date _____

Circle 10 erasers. Circle 10 pencils. Match the extra ones to see which group has more. ✓ Check the group that has more things.



Circle 10 sandwiches. Circle 10 milk cartons. ✓ Check the group that has less things.



Circle 10 baseballs. Circle 10 gloves. Write how many are in each group. ✓ Check the group that has more things.





Circle 10 apples. Circle 10 oranges. Write how many are in each group.

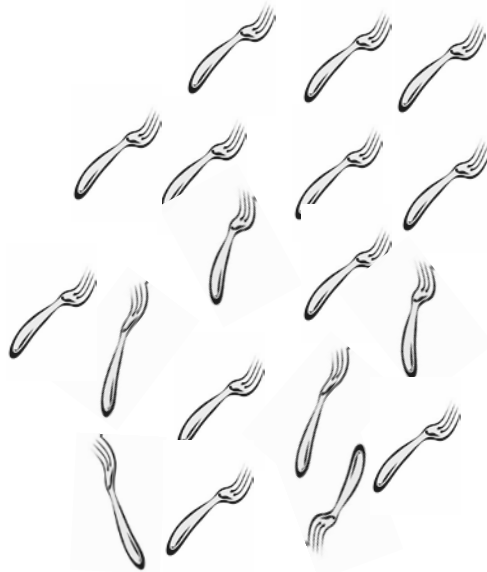
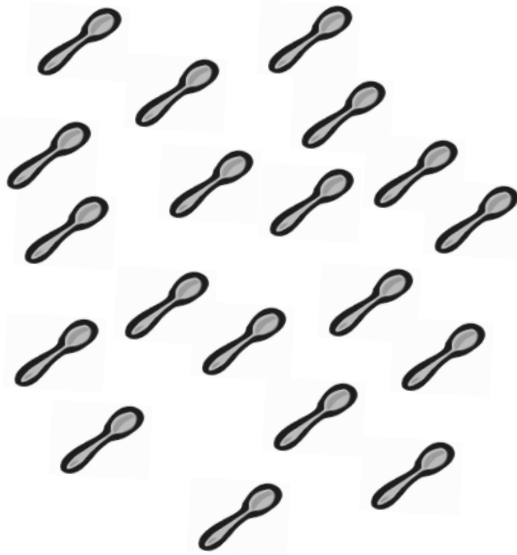
✓ Check the group that has *less*.





Circle 10 spoons. Circle 10 forks. Write how many are in each group.

Circle *more* or *less*.



is

more



than

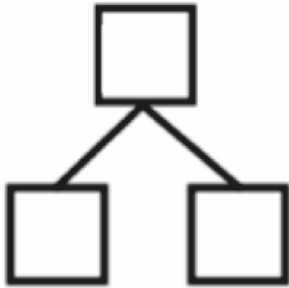
less

Name _____

Date _____

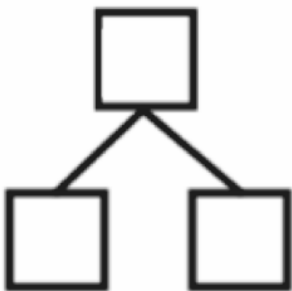
Robin sees 5 apples in a bag and 10 apples in a bowl. Draw a picture to show how many apples there are.

Write a number bond and an addition sentence to match your picture.



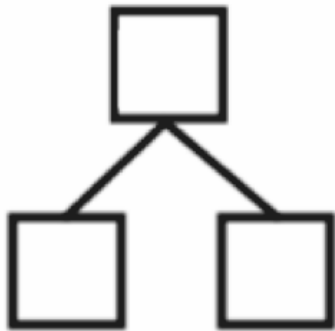
Sam has 13 toy trucks. Draw and show the trucks as 10 ones and some ones.

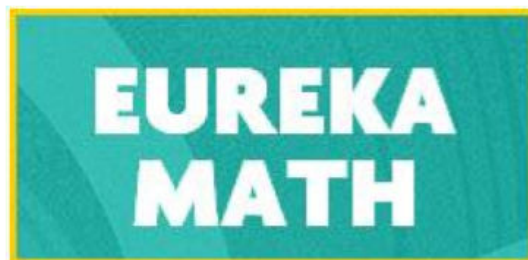
Write a number bond and an addition sentence to match your picture.



Our class has 16 bags of popcorn. Draw and show the popcorn bags as 10 ones and some ones.

Write a number bond and an addition sentence to match your picture.





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



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