EUREKA MATH PUSD

A Story of Units

Pleasanton UNIFIED SCHOOL DISTRICT Mathematics Curriculum

Grade K • MODULE 5

Numbers 10 – 20 and Counting to 100

PROBLEM SETS

Video tutorials: http://embarc.online
Info for parents: http://bit.ly/pusdmath

Version 3

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GRADE K • MODULE 5

Numbers 10–20 and Counting to 100

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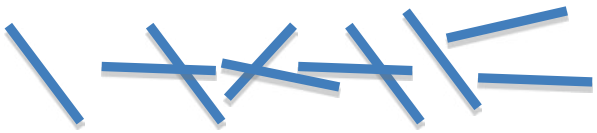
Name _____ Date _____

Circle the groups that have 10 ones.



How many times did you count 10 ones? ☐

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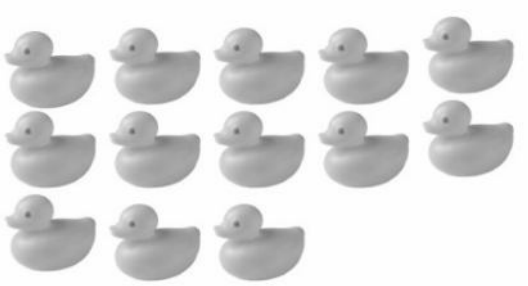
Name _____ Date _____

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.

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Draw pictures to match the words.

I have 10 small circles and 2 small circles:

I have 10 ones and 4 ones:

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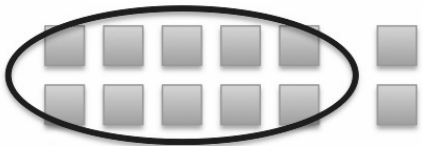
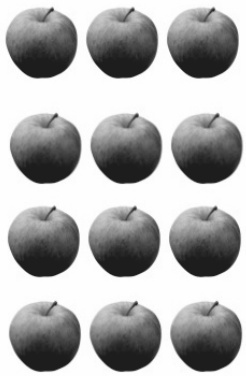


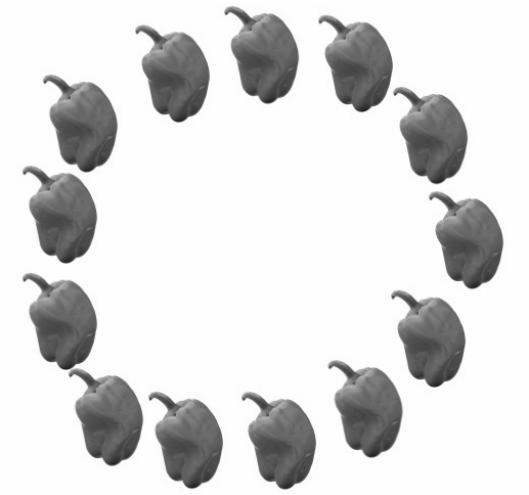
I have 10 ones and 2 ones.

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

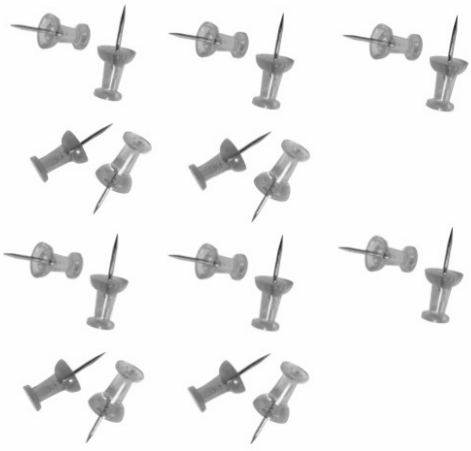
I have 10 ones and ___ ones.



I have ___ ones and ___ ones.



I have ___ ones and ___ ones.



I have ___ ones and ___ ones.

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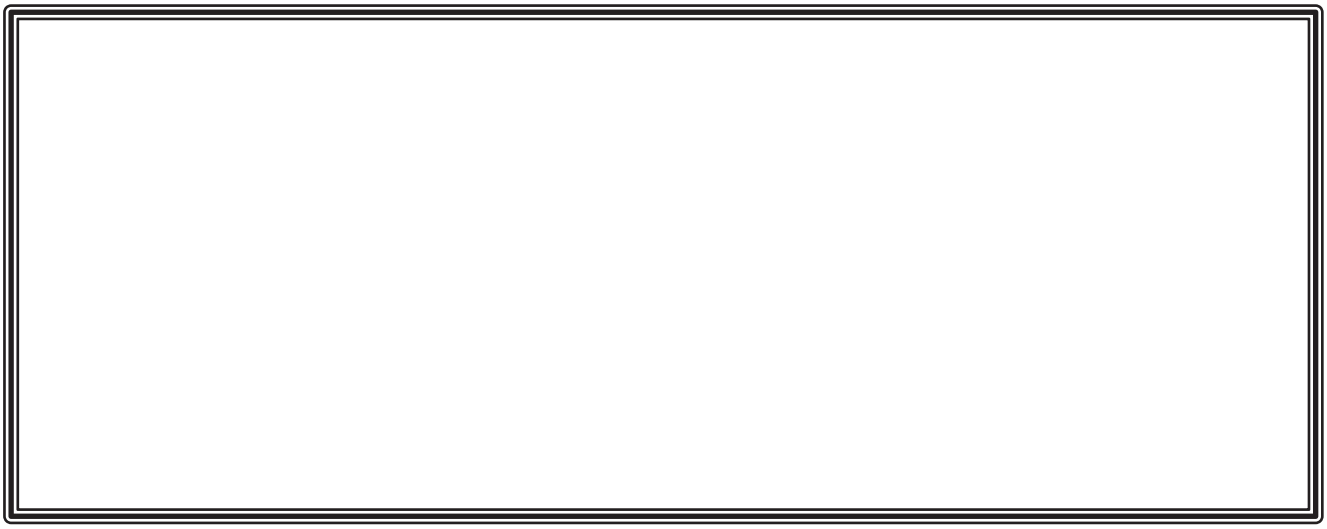
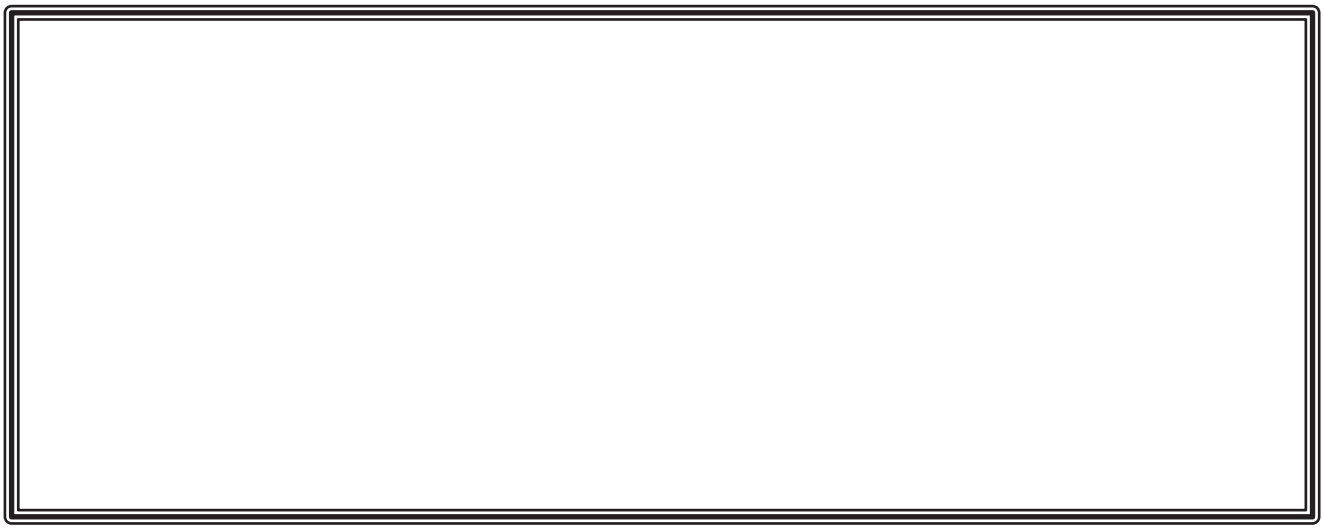
Draw your picture to match the words. Circle 10 ones.

I have 10 ones and 3 ones:



I have 10 ones and 8 ones:



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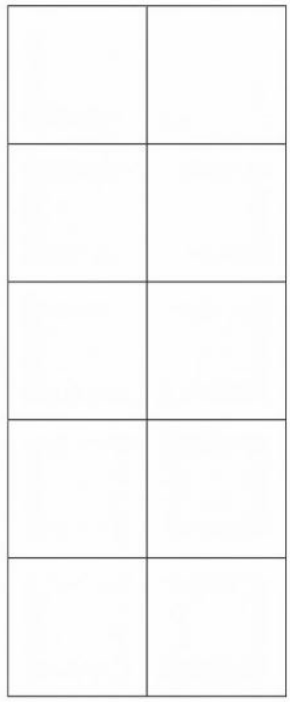
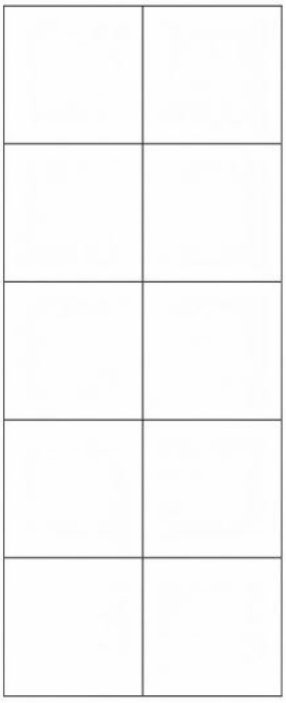
Name _____ Date _____

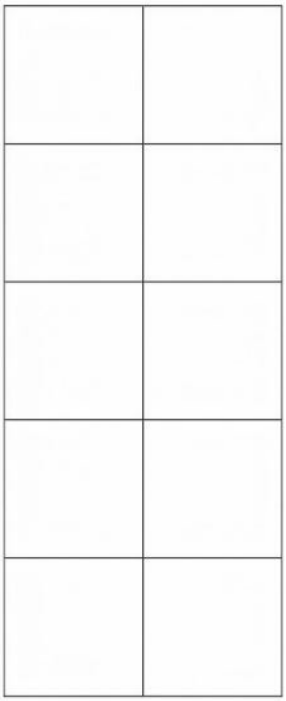
Draw 10 ones and some ones. Whisper count as you work the Say Ten Way.

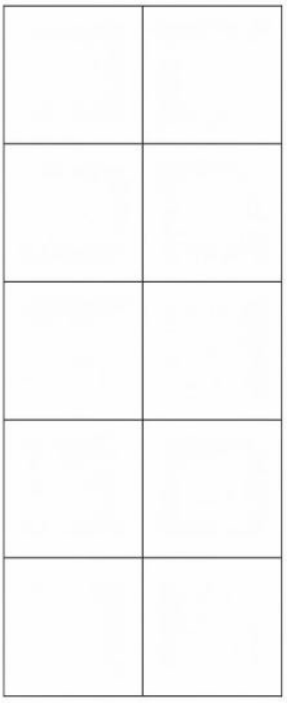
I can make ten three.
10 3





I can make ten seven.
10 7





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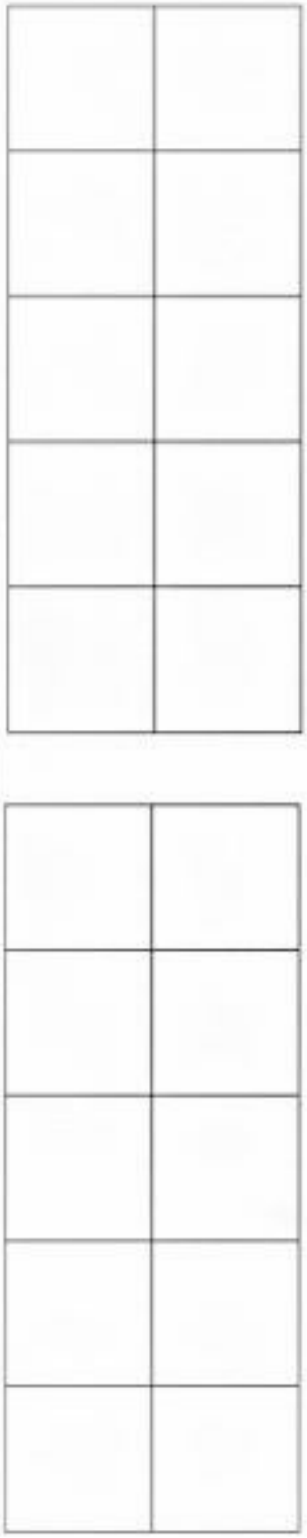
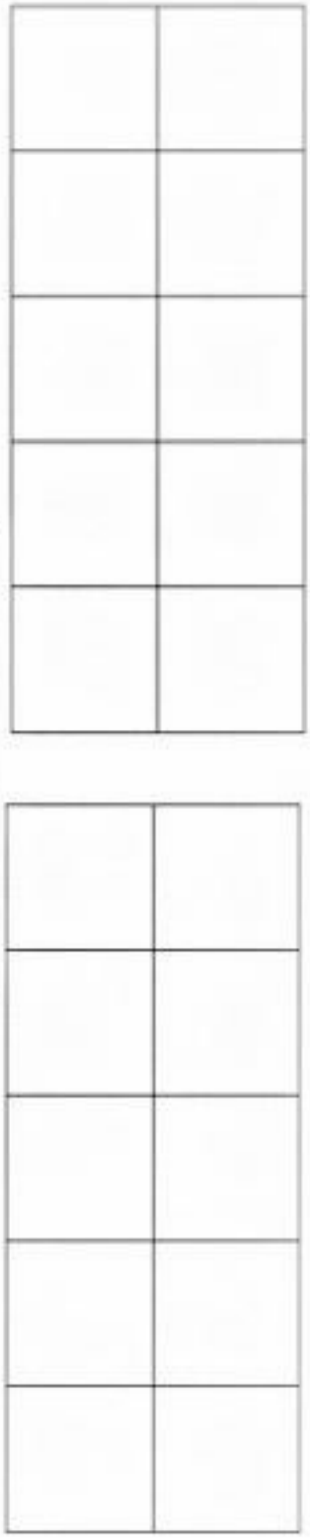
I can make **ten two.**
10 2



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



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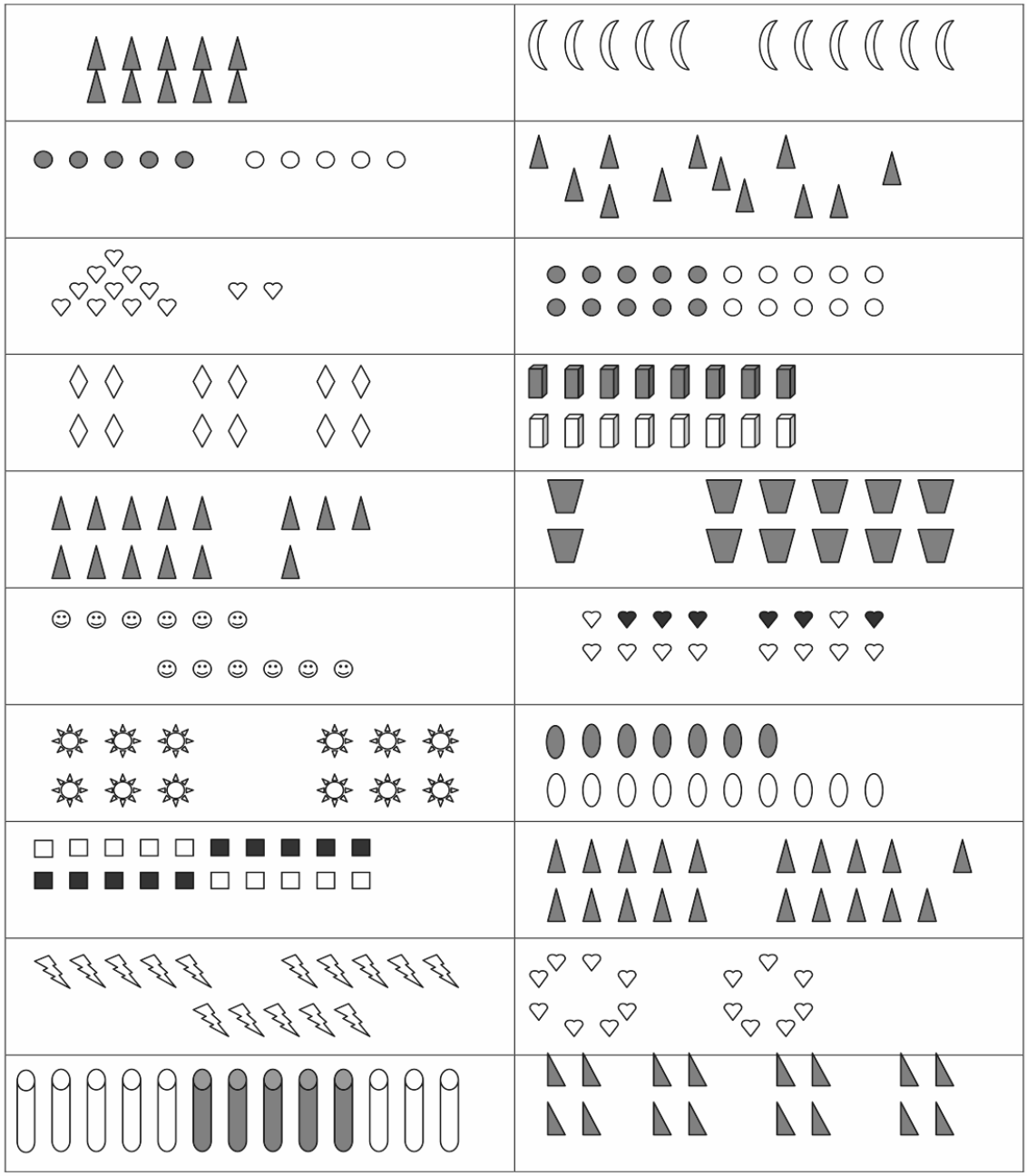
Name _____ Date _____

Circle 10.



circle 10

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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

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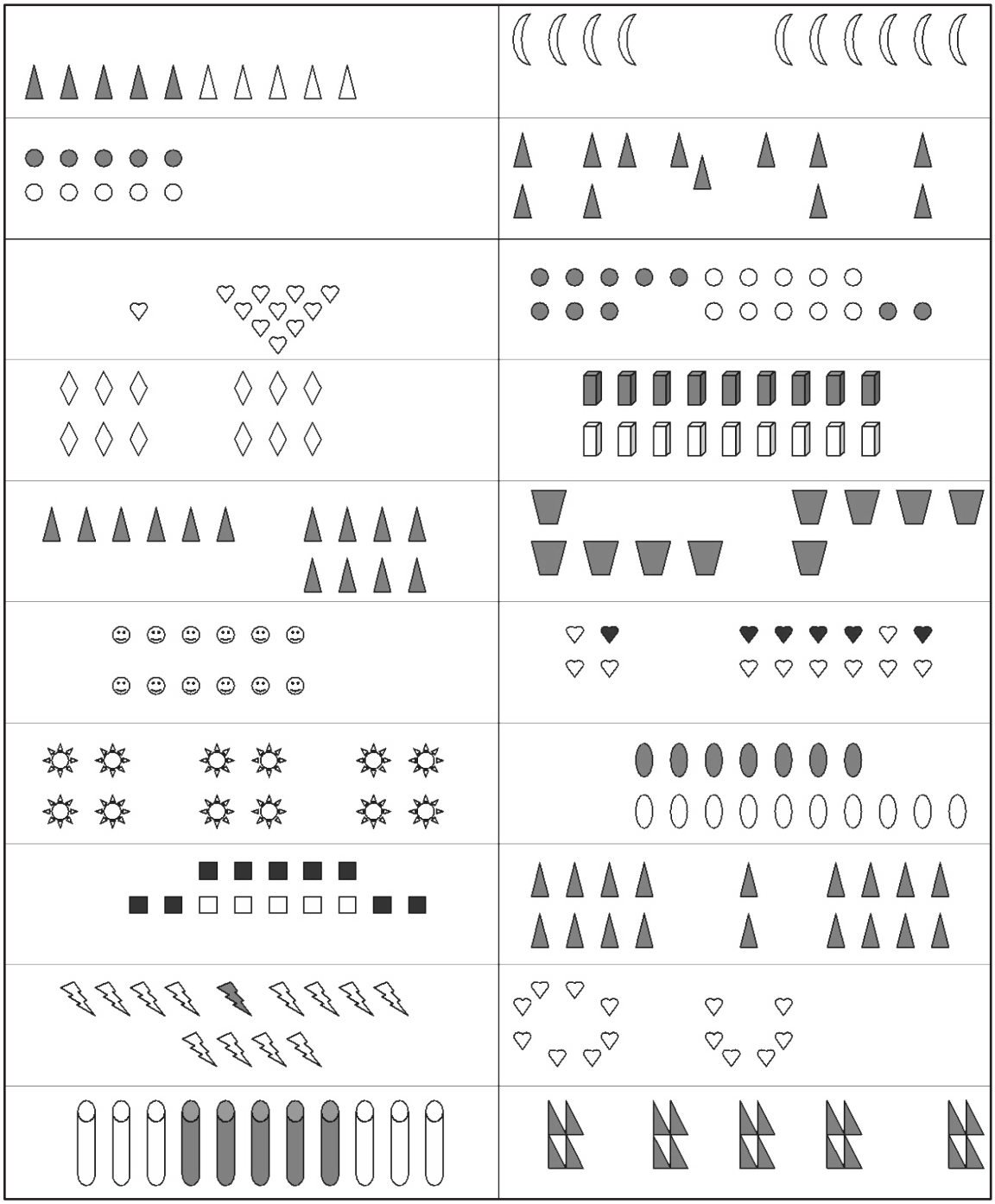
Name _____ Date _____

Circle sets of 10, and tell how many.



_____

circle 10 ones

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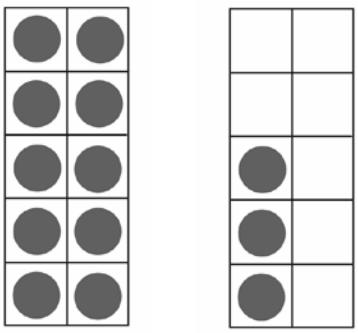
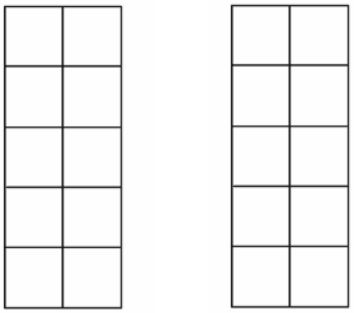
Name _____ Date _____

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

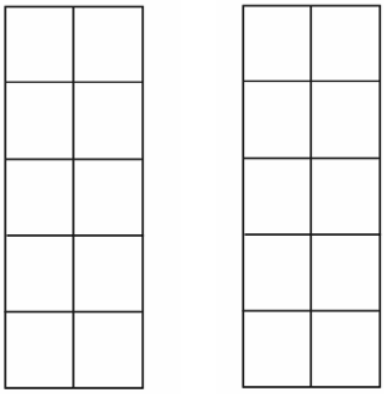


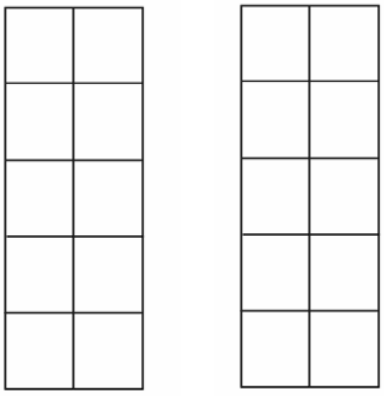


1 0 3

1 3

1 0 5





1 0 8

1 0 6

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Hide Zero cards. Copy double-sided.
Numerals

1	0		
0	1	2	3
4	5	6	7
8	9		

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

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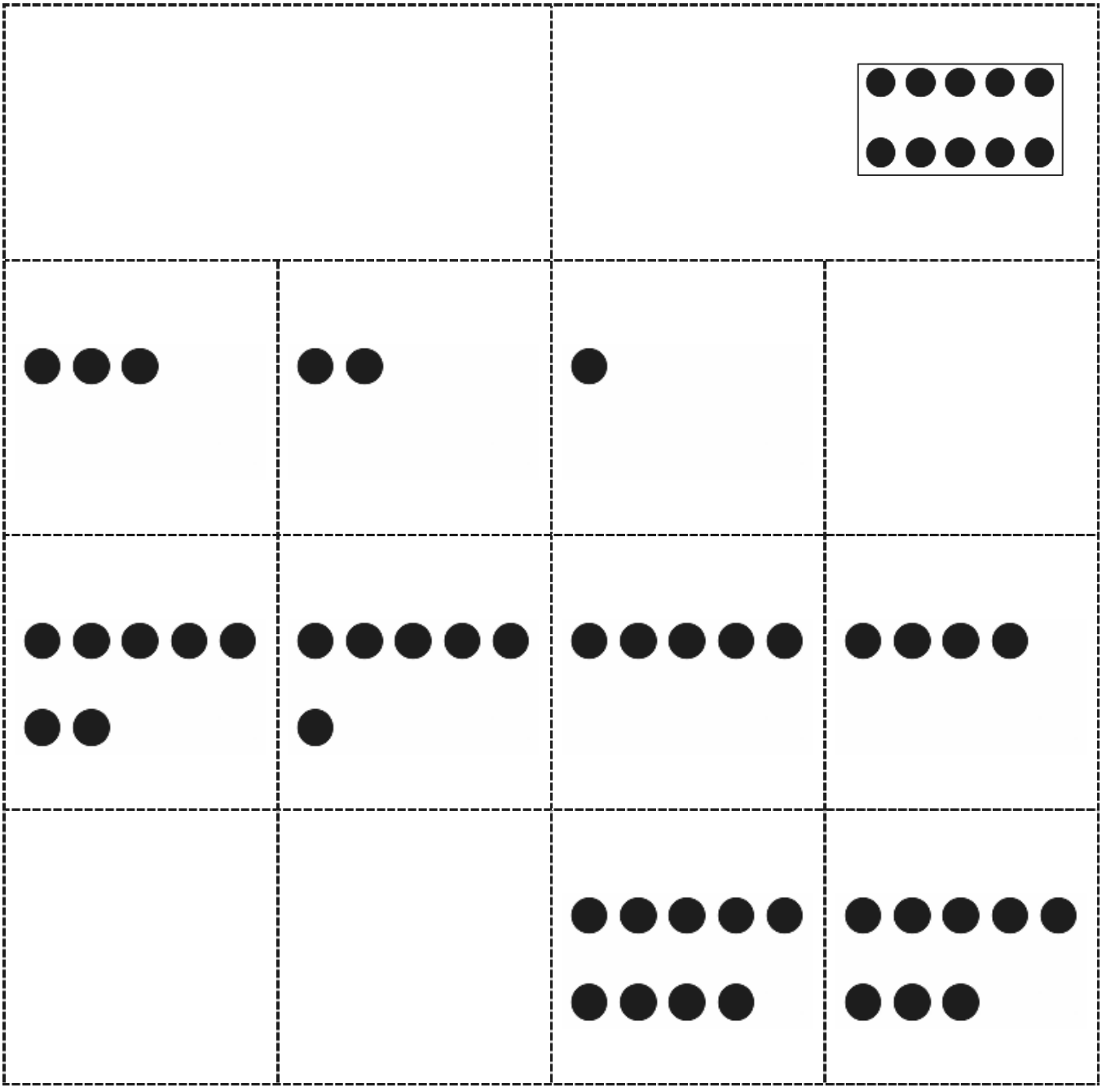
Hide Zero cards. Copy double-sided.

5-groups



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

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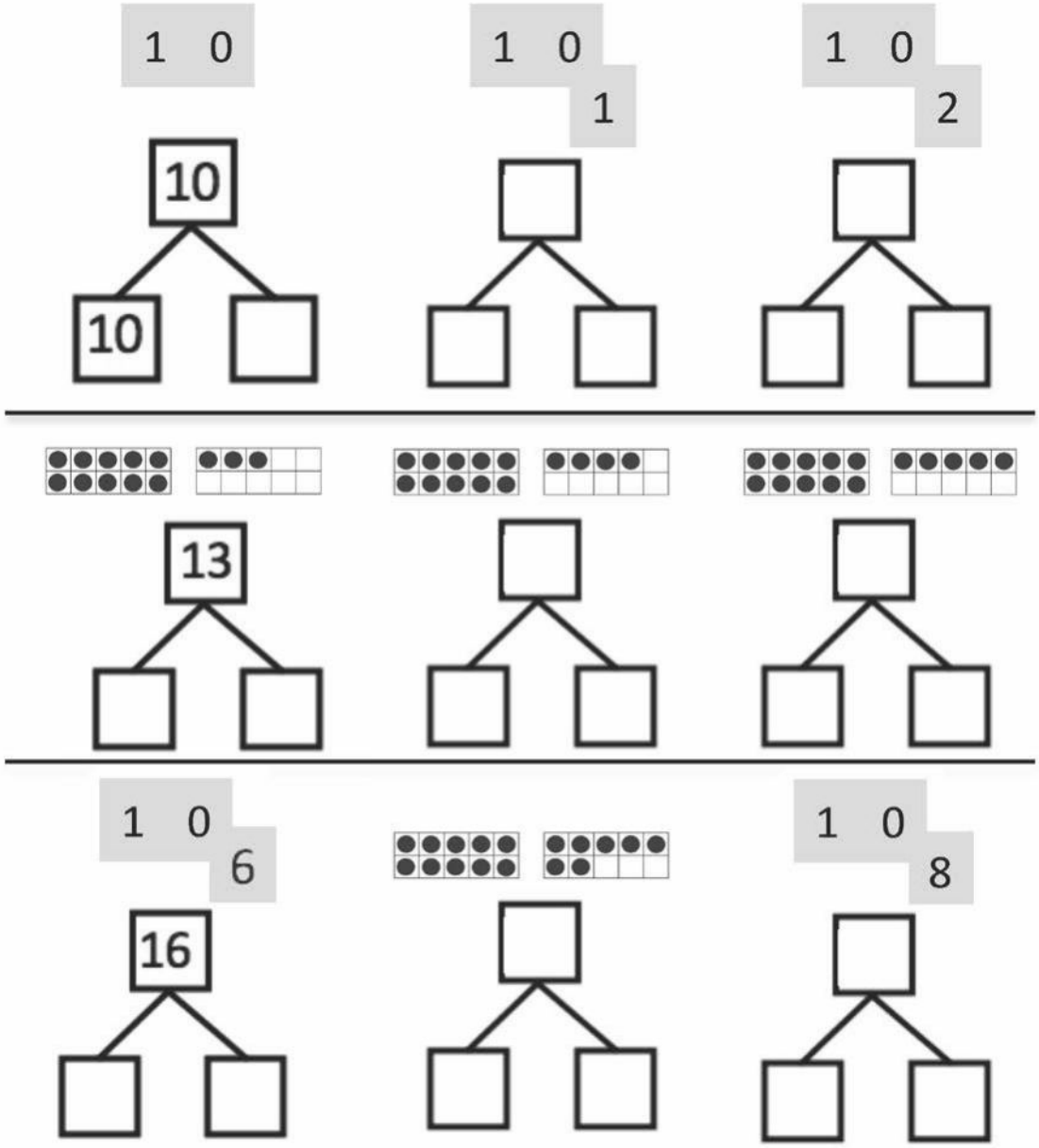
Name _____ Date _____

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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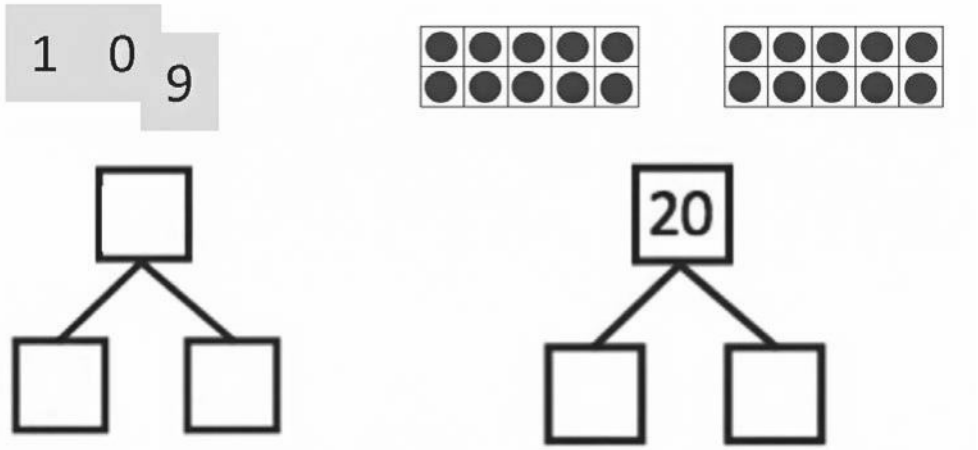
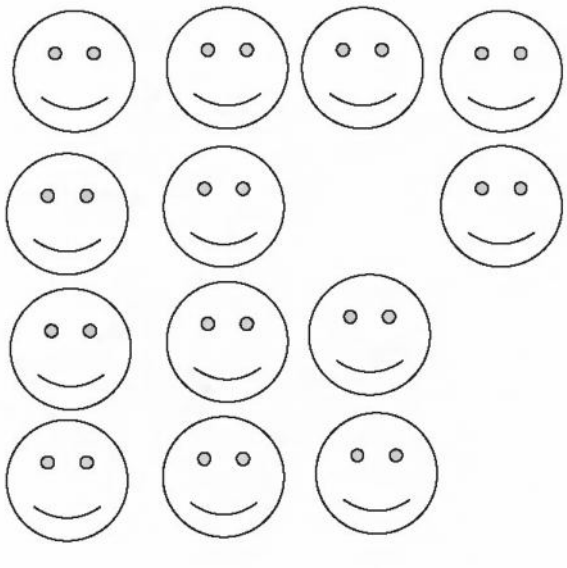


Circle 10 smiley faces. Draw a number bond to match the total number of faces.



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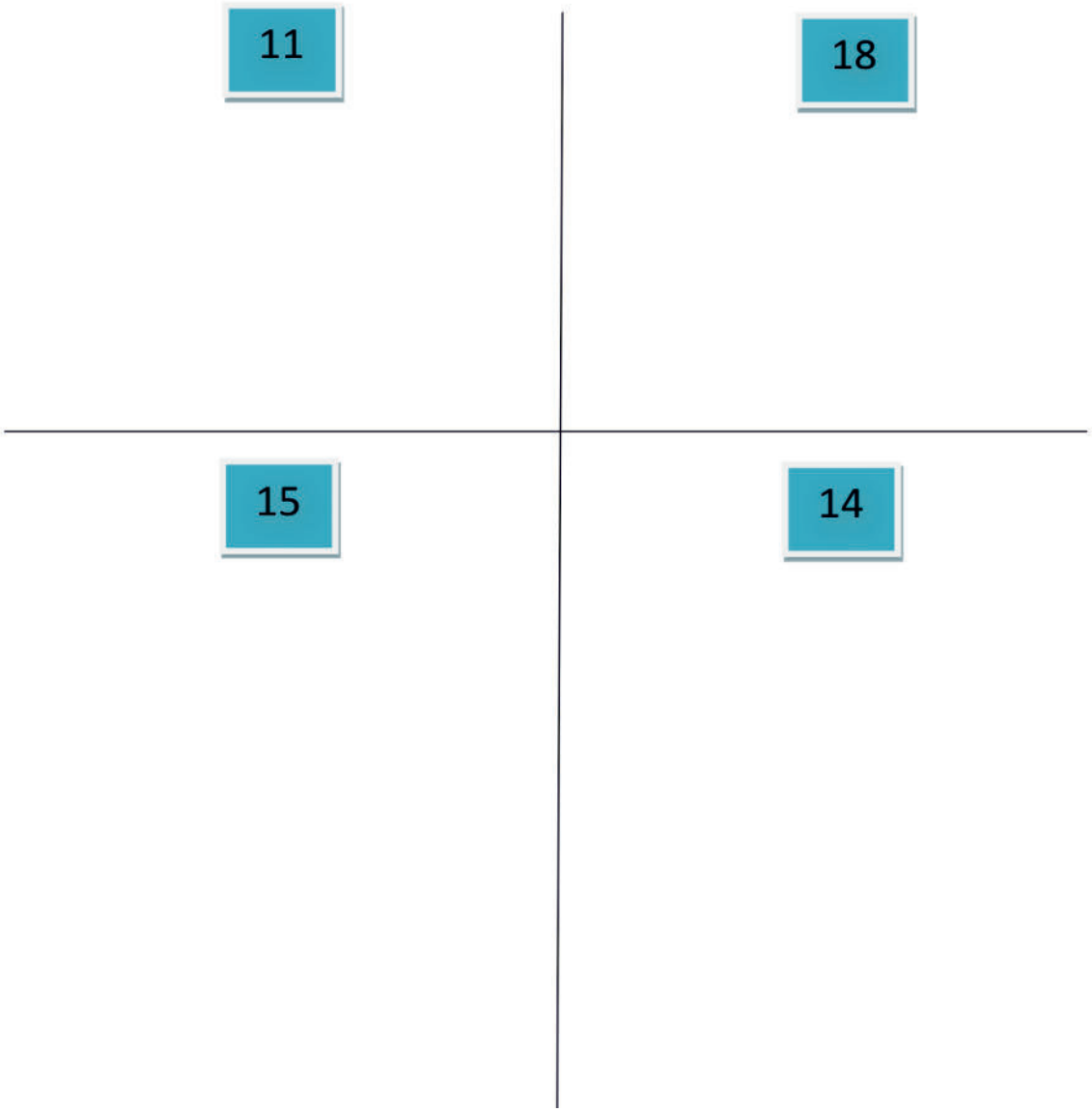
Name _____ Date _____

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.



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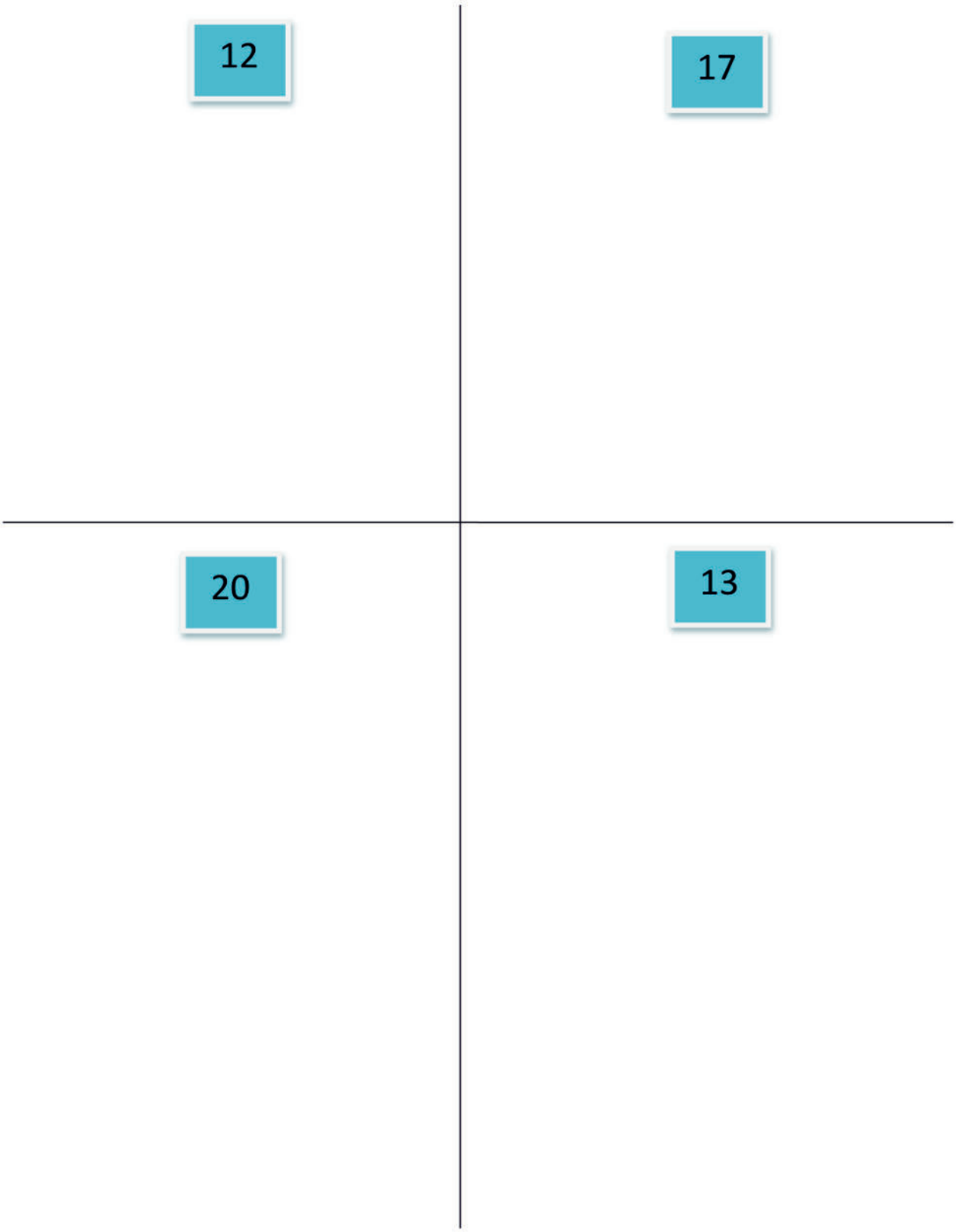

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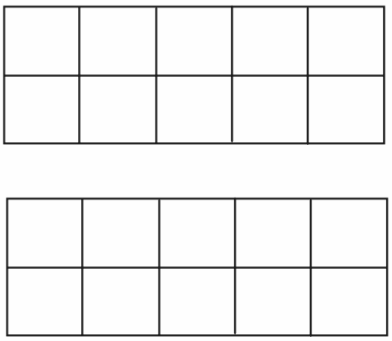
Name _____ Date _____

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

12



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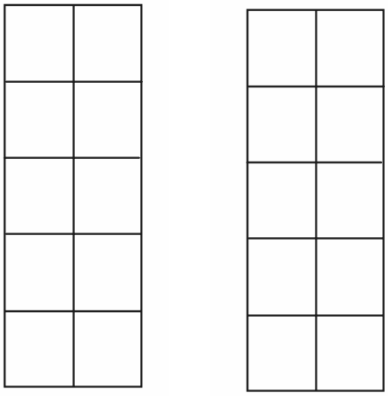

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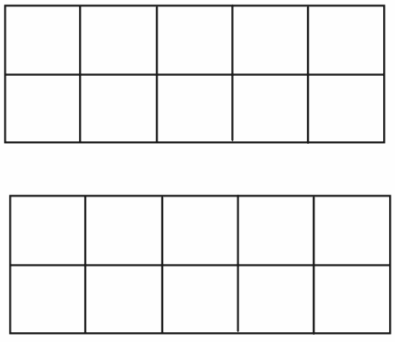

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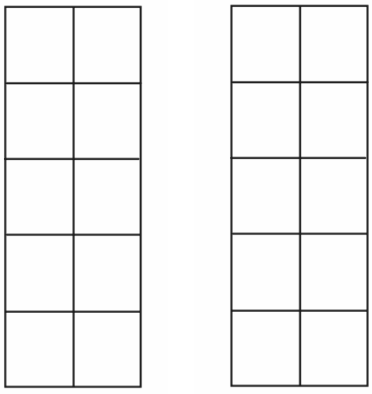

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Draw and circle 10 ones and some more ones to show each number.

20

11

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

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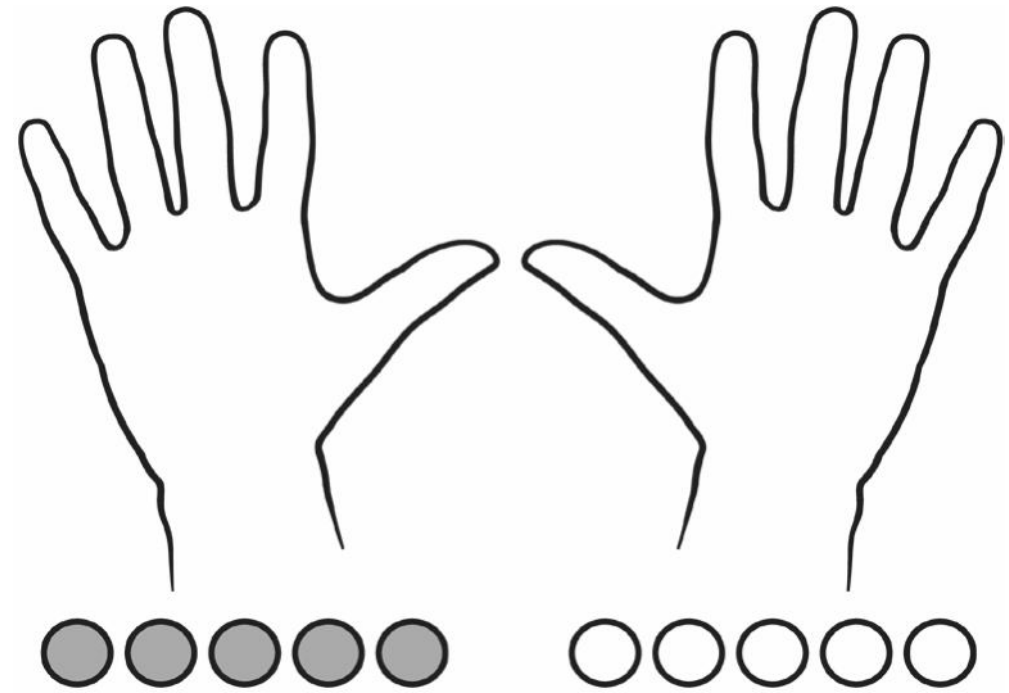
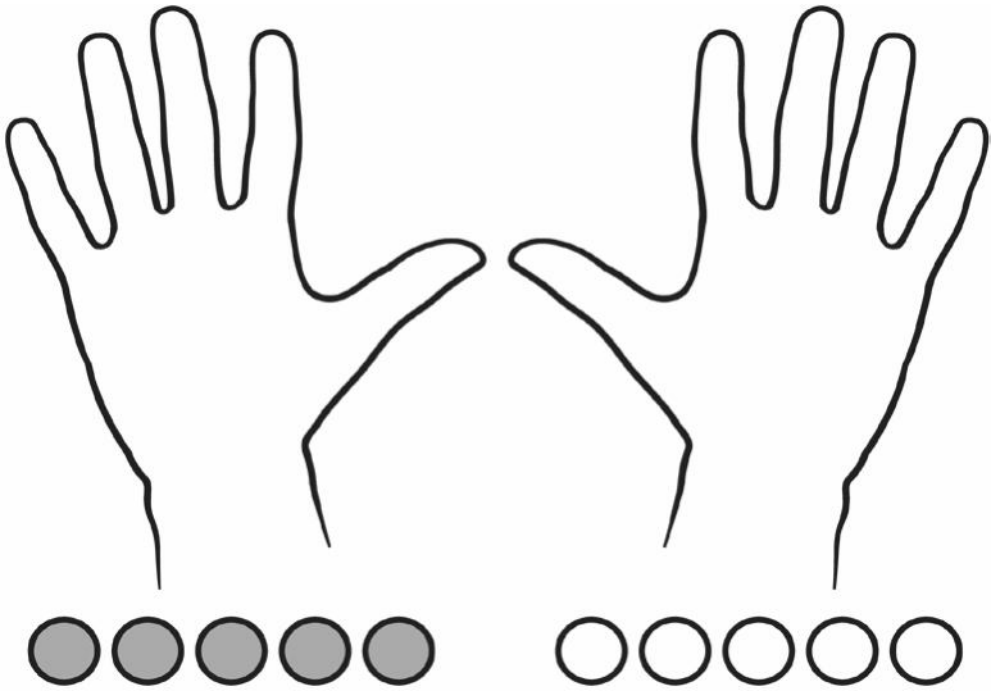
Name _____ Date _____





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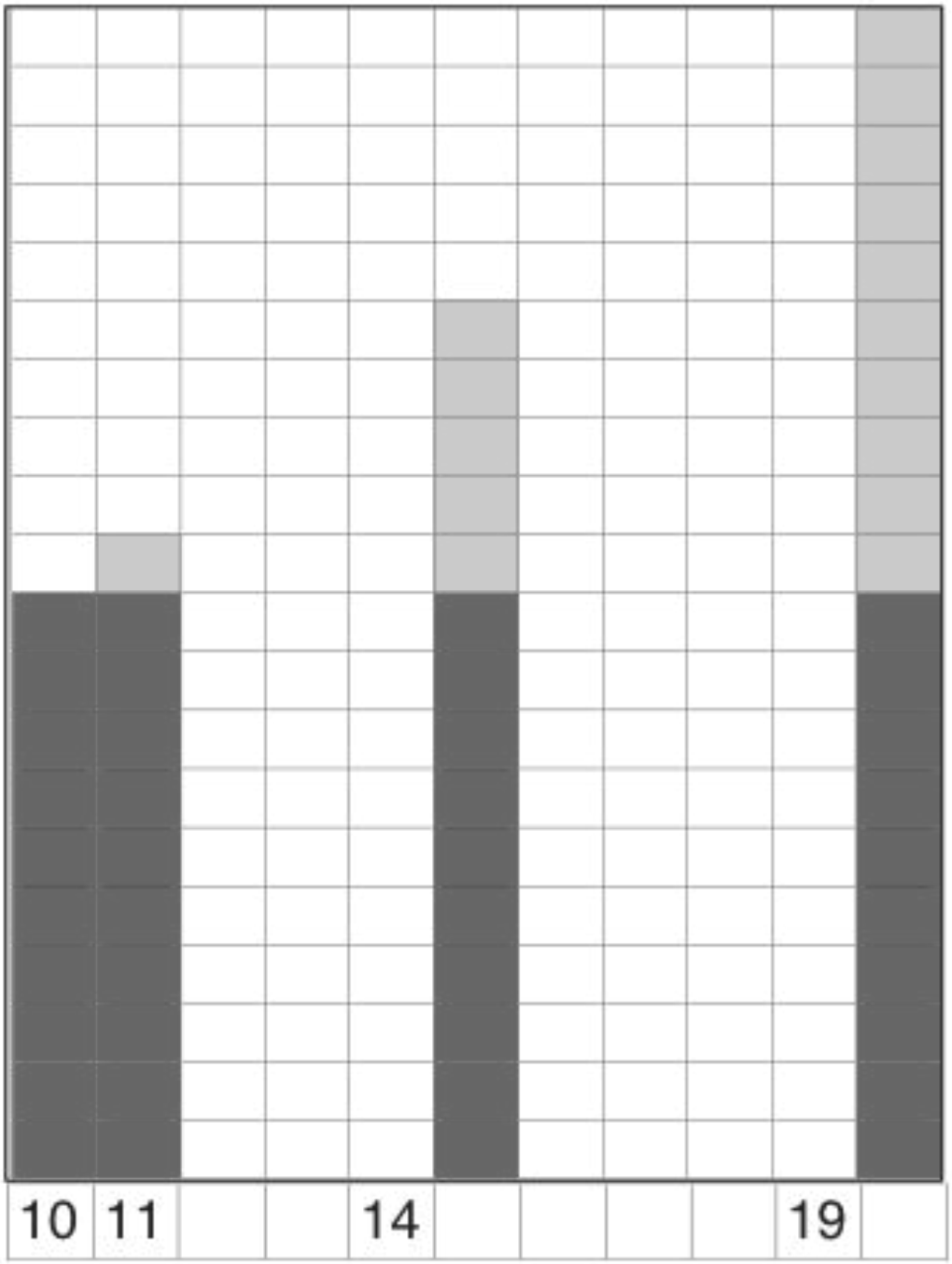
Name _____ Date _____

Count, color and write.



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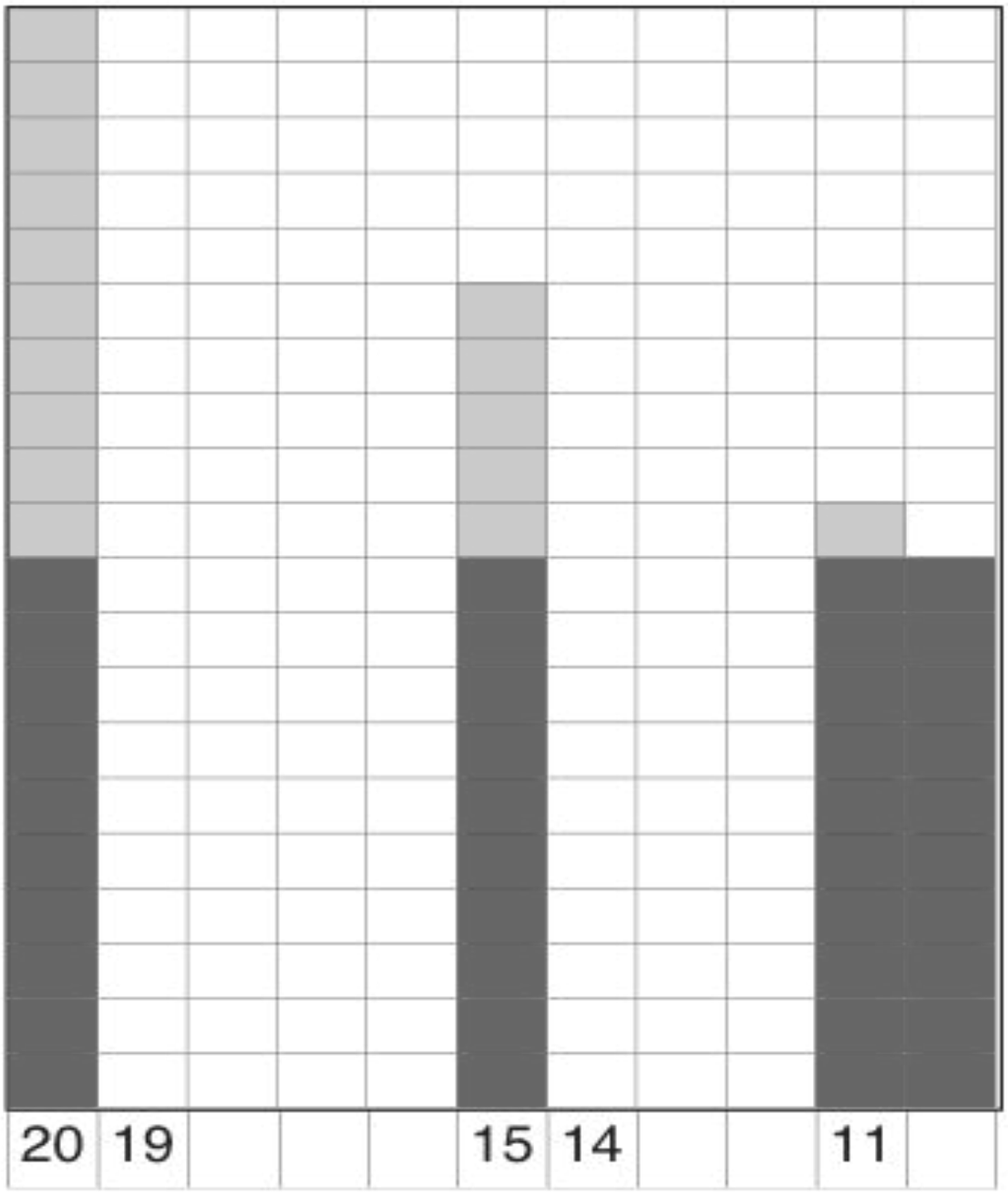
Name _____ Date _____

Count, color and write.



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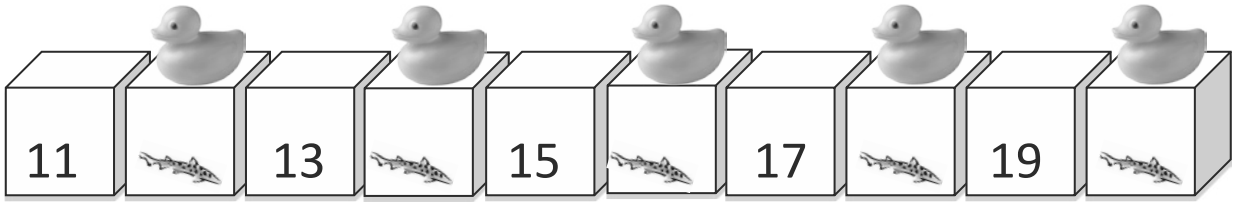
Name _____ Date _____

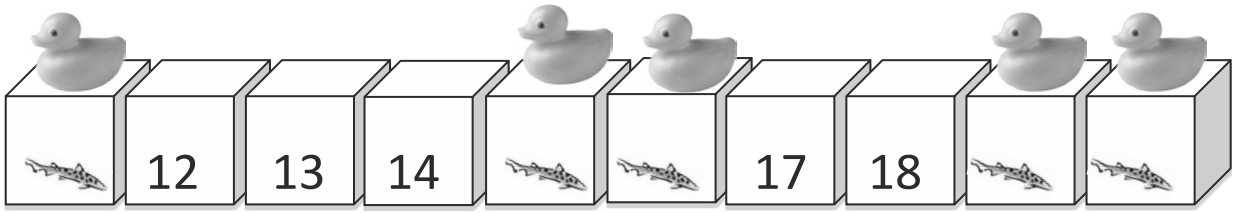
The ducks found some tasty fish to eat in the boxes!
Count up on the number path.

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.



_____ _____ _____ _____ _____

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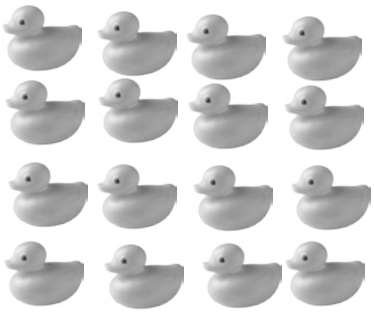
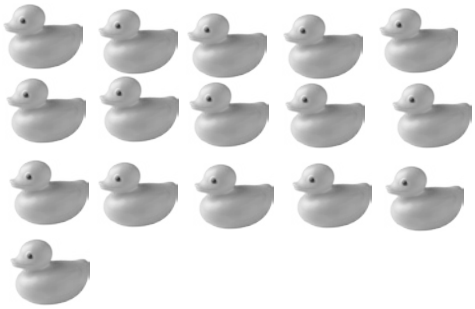
How many ducks do you count?

_____ _____





In the space below, draw 15 circles in rows.

In the space below, draw 12 squares in rows.

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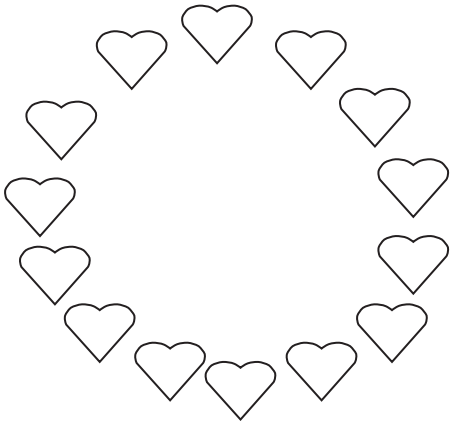
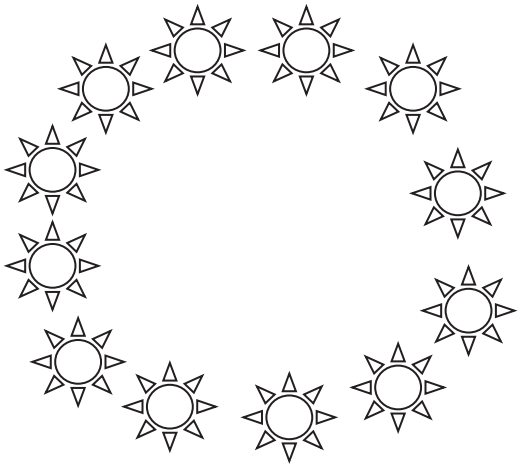
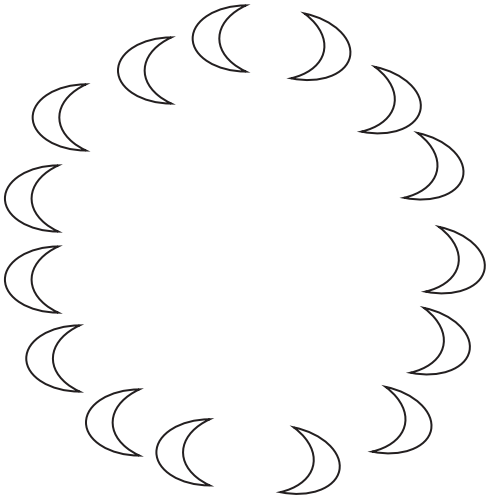
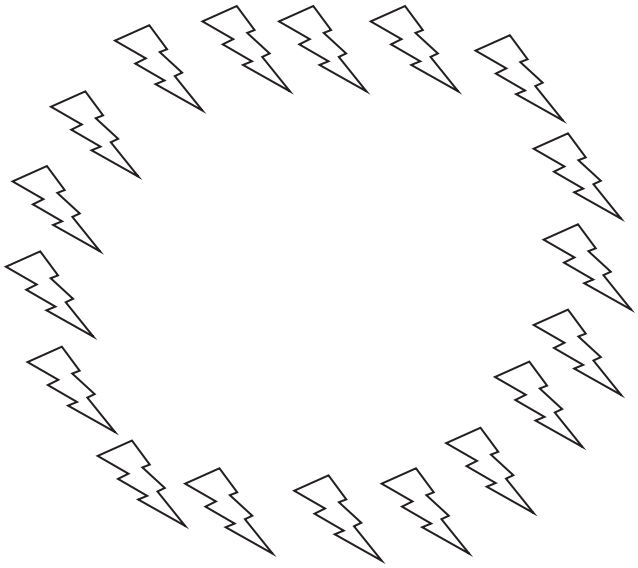
Name _____ Date _____

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









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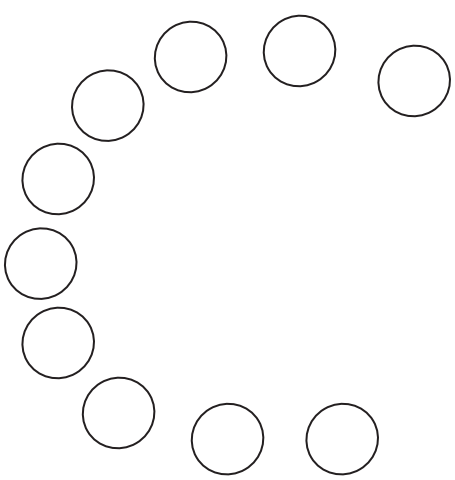
Whisper count and draw in more shapes to match the number.

13



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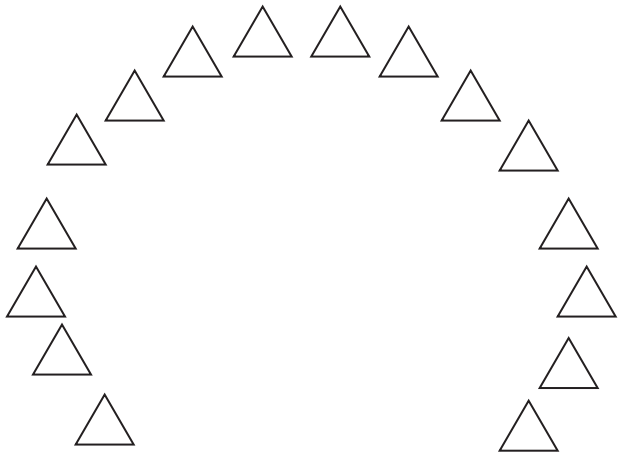

Early finishers: Write your own teen number in the box. Draw a picture to match your number.

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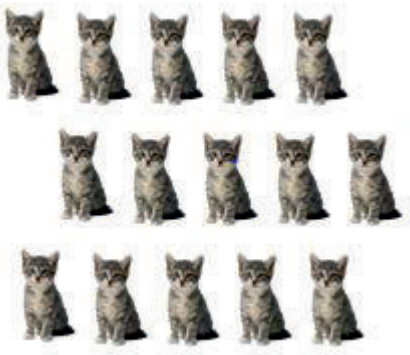
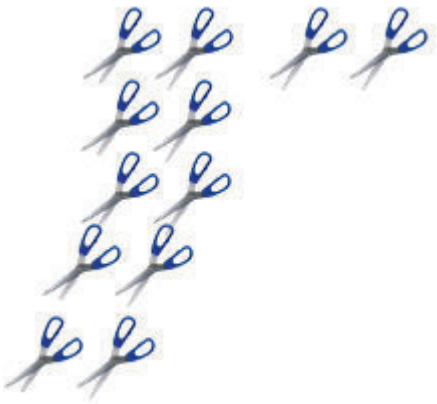
Name _____ Date _____

Count the objects in each group and write the number.





teen counting array

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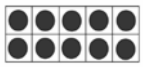
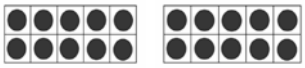
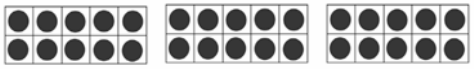
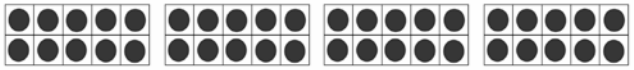
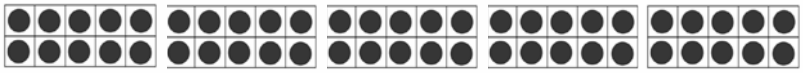
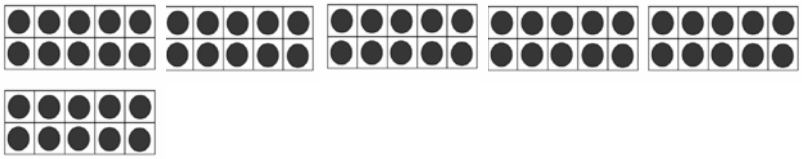
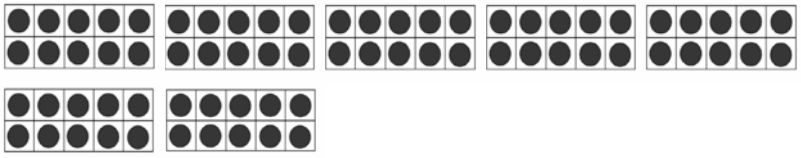
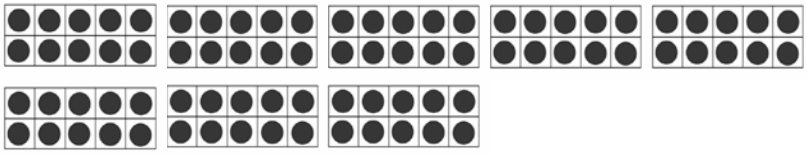
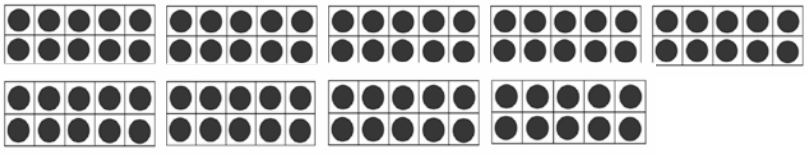
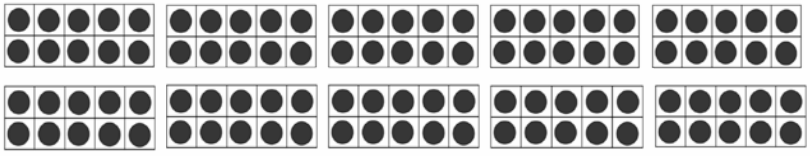
Name _____ Date _____

Count up by tens, and write the numbers.

	10
	20
	
	
	50
	
	
	
	
	

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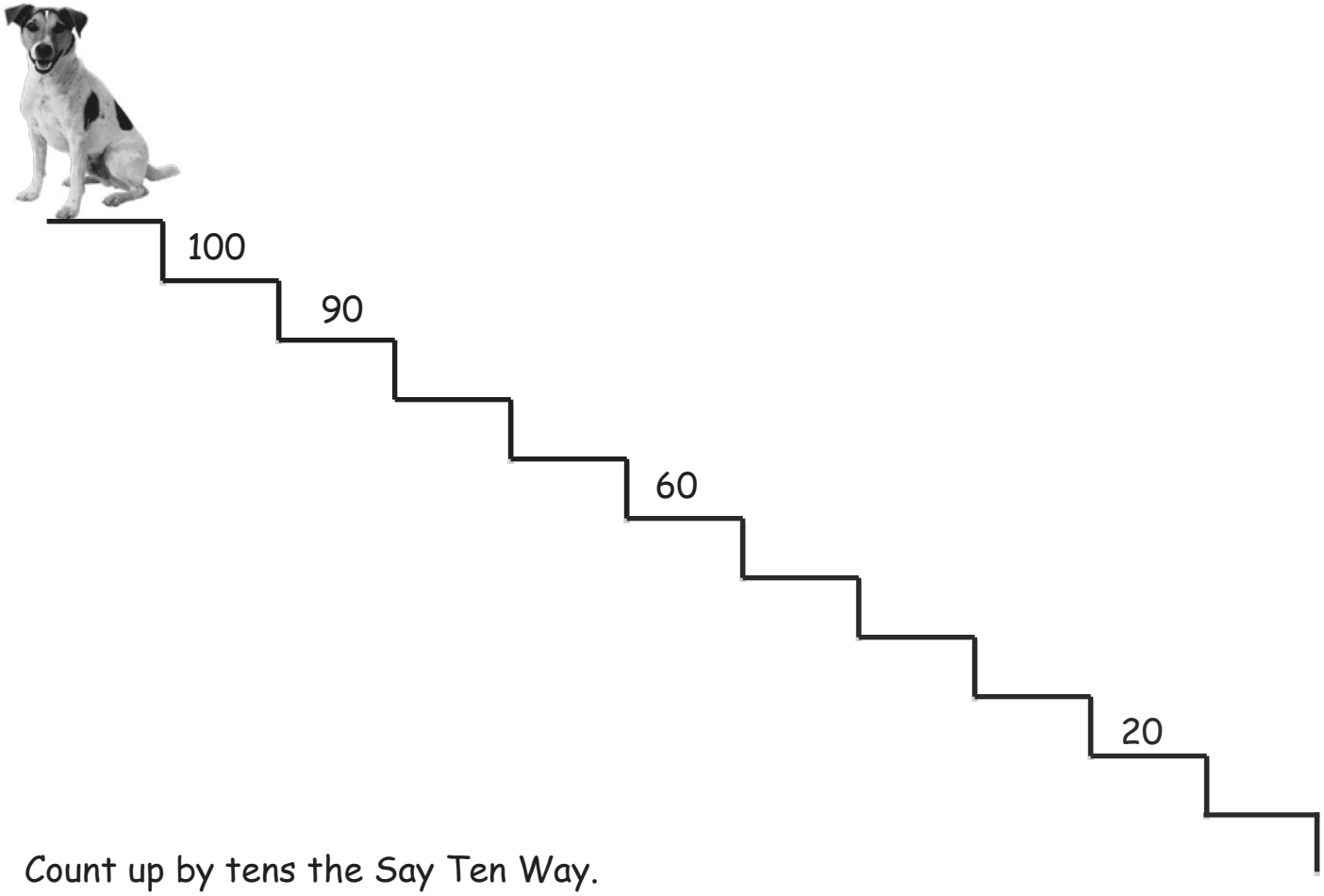
Help the puppy down the stairs! Count down by tens. Write the numbers.



Count up by tens the Say Ten Way.

ten	____ tens	3 tens	____ tens
____ tens	____ tens	____ ____	____ ____

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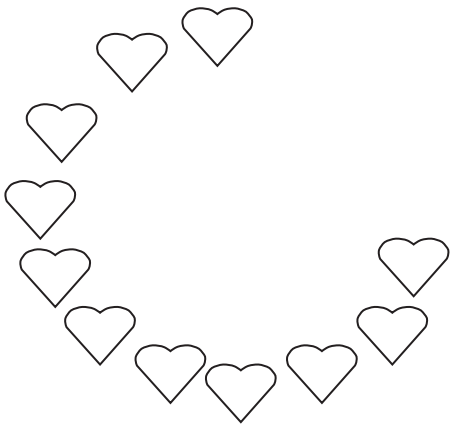
Name _____ Date _____

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

14



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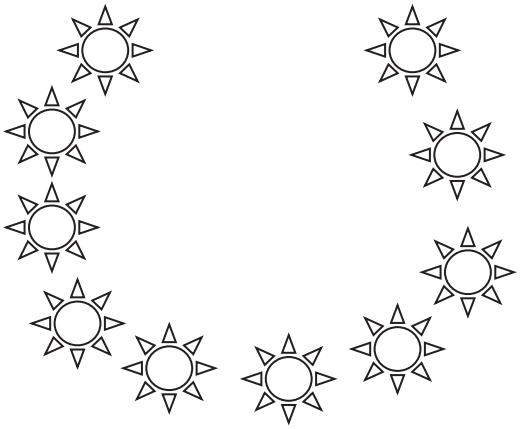

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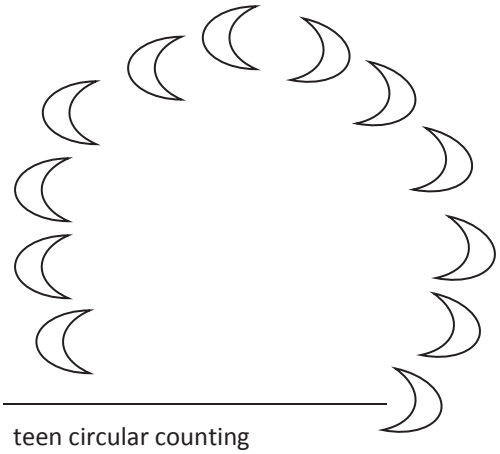
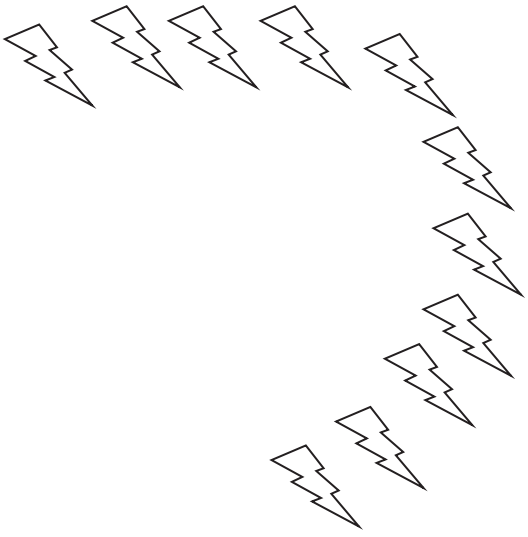


_____

teen circular counting

17



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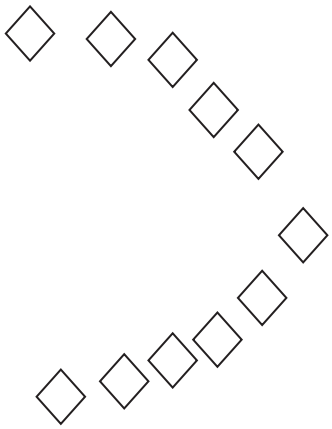
Whisper count and draw in more shapes to match the number.

16



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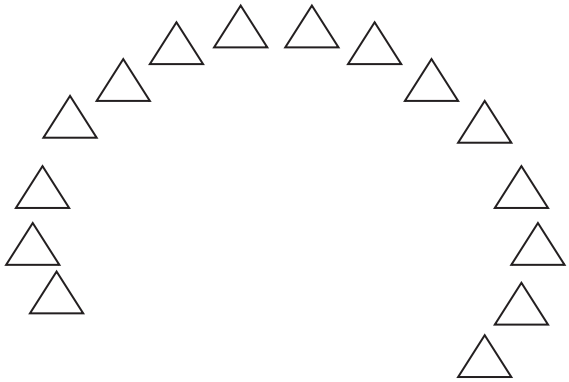

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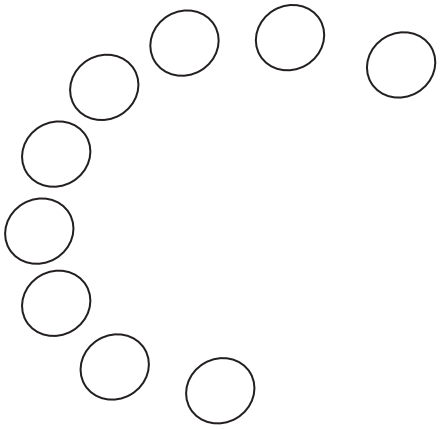

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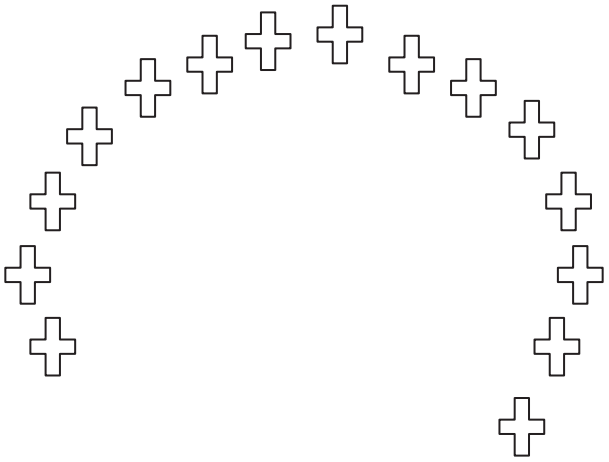

teen circular counting

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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. Stop! Count down.

63	64				66				

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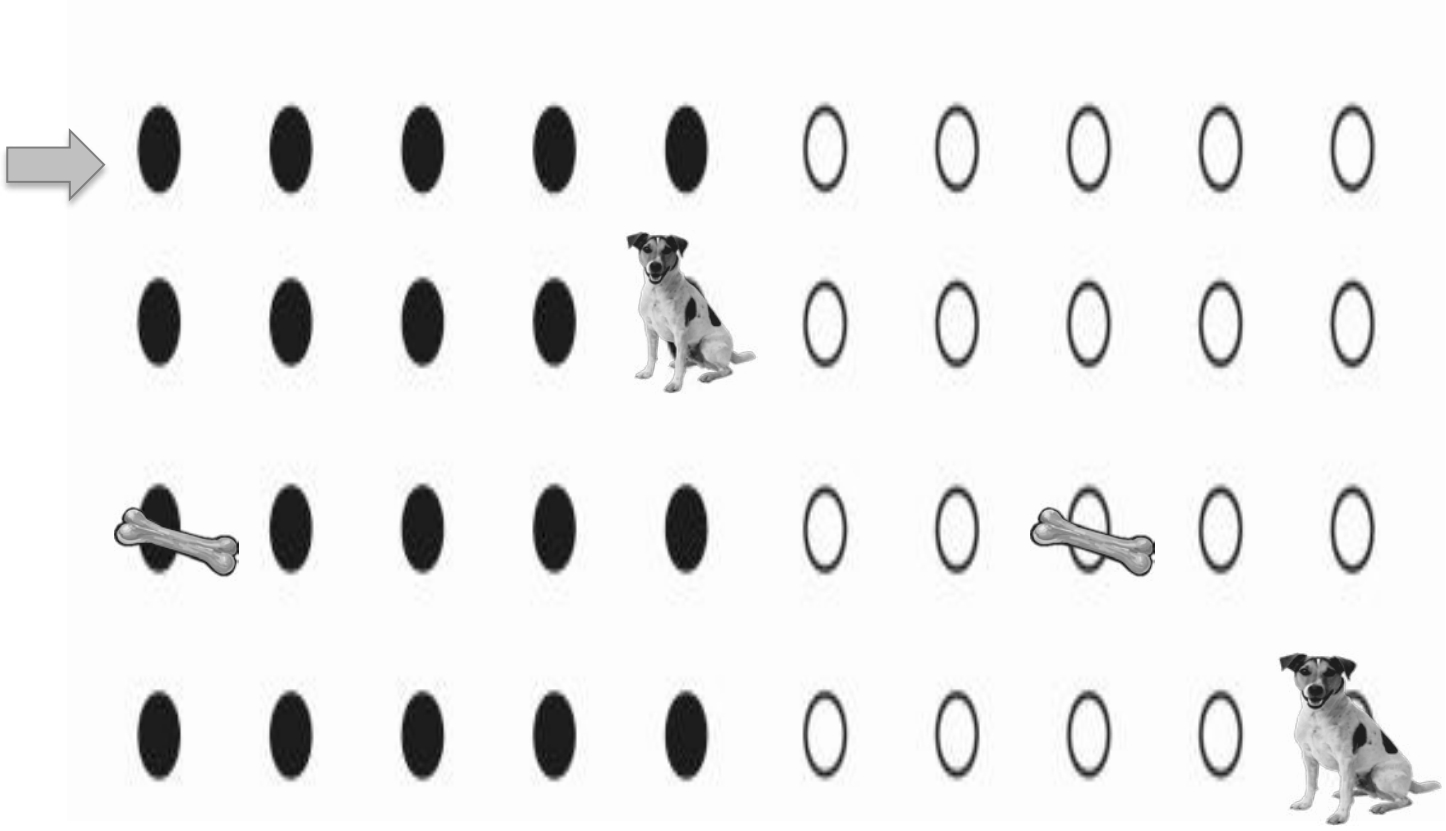
Name _____ Date _____

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?

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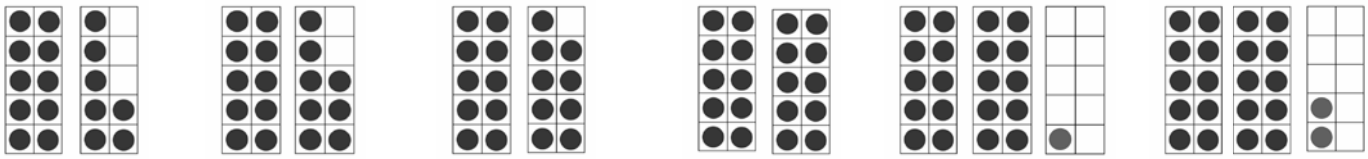
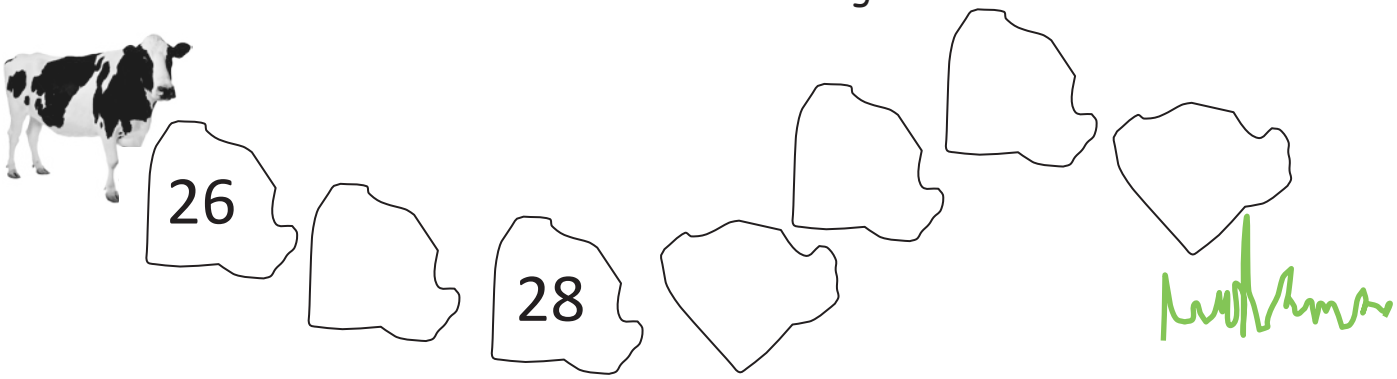
Count each number by 1s. Write the number below when there is a box.

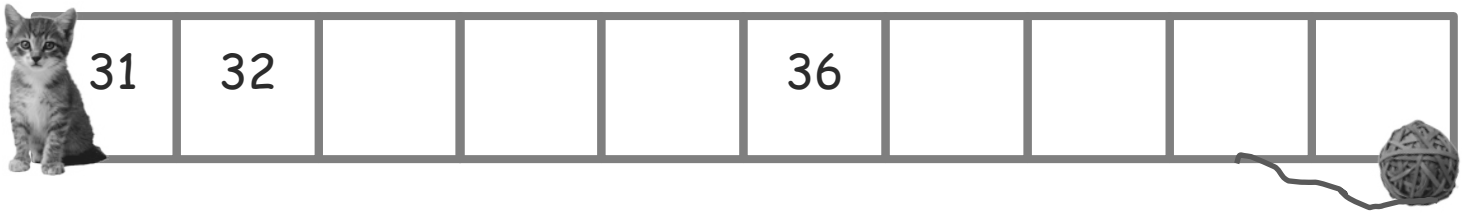


17				21	

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		

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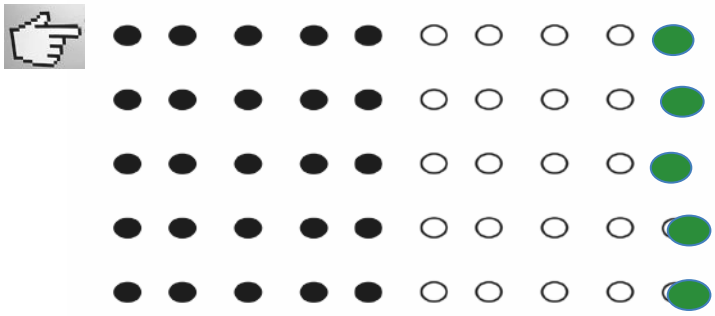
Teachers' Directions for the Rekenrek Problem Set

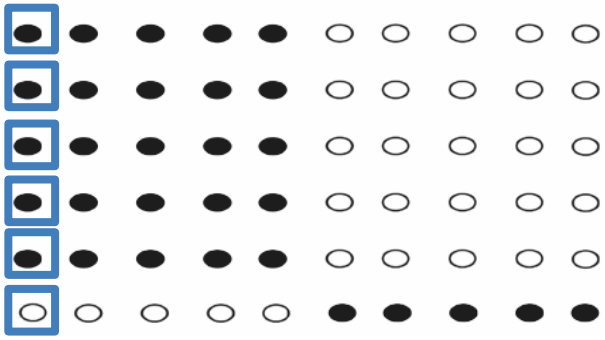
Have students show 50 dots by using their hiding paper to cover the other rows.

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



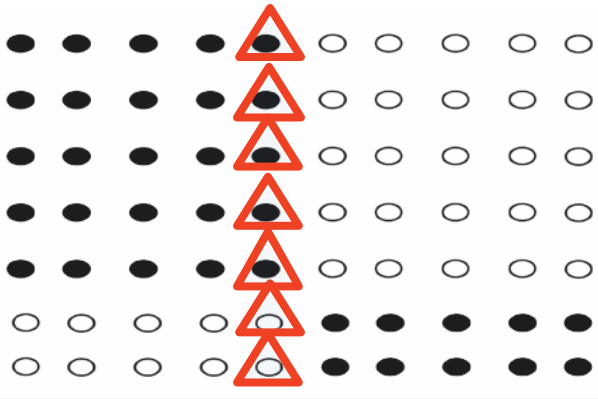
Have students show 60 dots using their hiding paper to cover 4 rows.

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.



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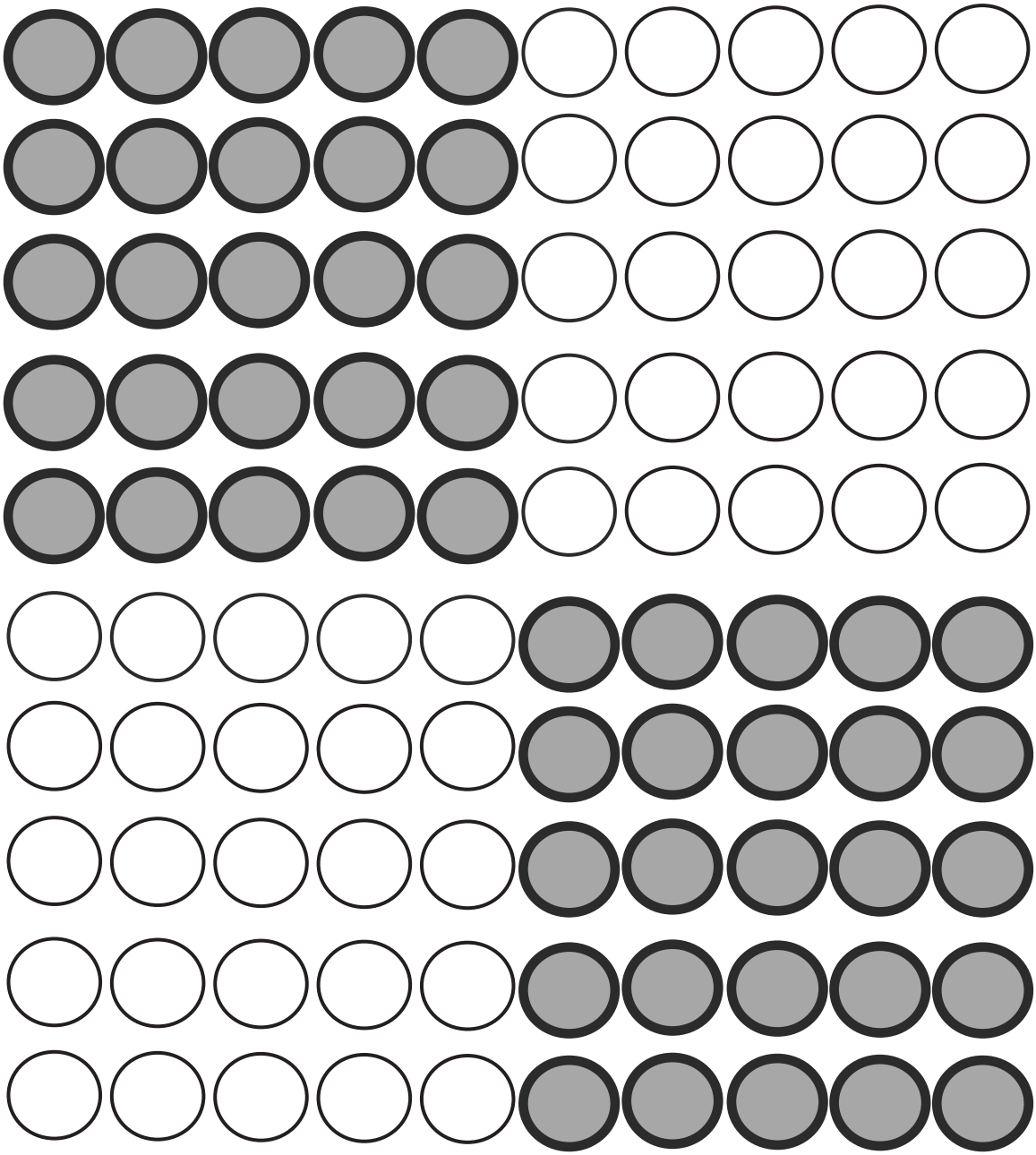
Name _____ Date _____

Rekenrek



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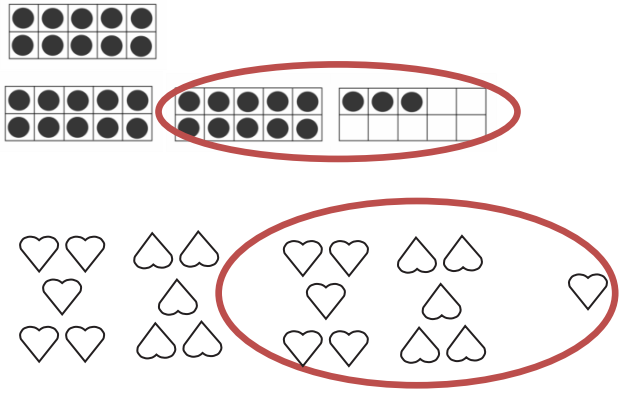
Name _____ Date _____

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.



33

18

15

13

17

11

12

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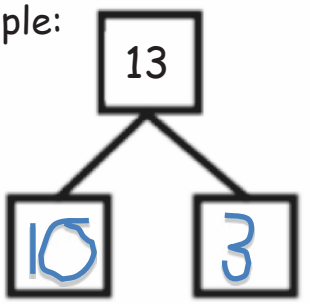
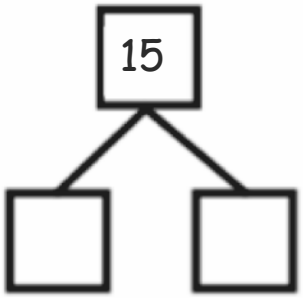
Name _____ Date _____

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

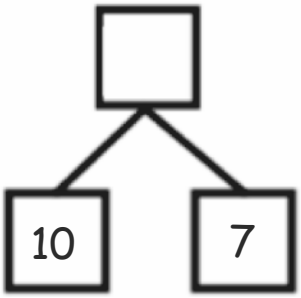
Example:



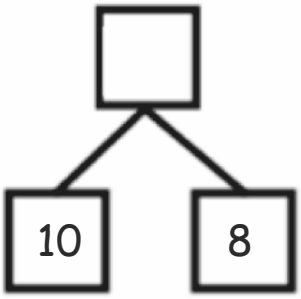
13 = 10 + 3



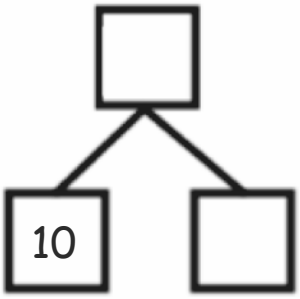
15 = _____ + _____



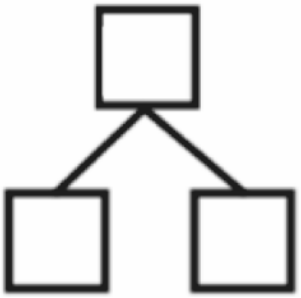
17 = _____ + _____



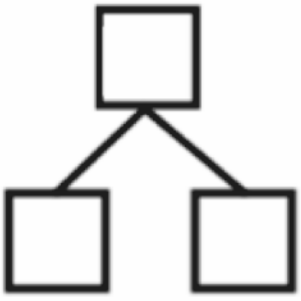
10 + 8 = _____



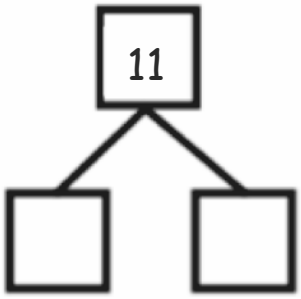
10 + 6 = _____



_____ = 10 + 4



12 = _____ + _____



_____ = _____ +_____

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

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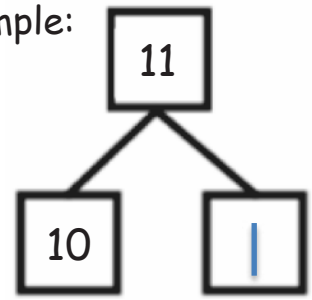
Name _____ Date _____

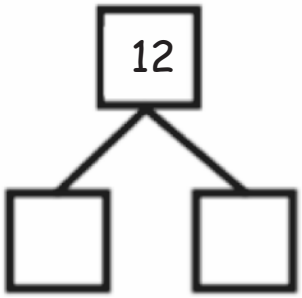
Model each number with cubes on your number bond mat. Then, complete the number sentences and number bonds.

Example:



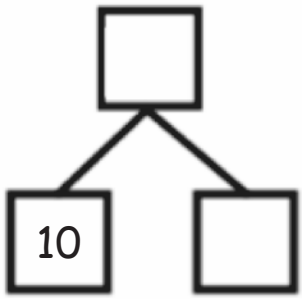
11 = 10 + _____

10 + _____ = 11



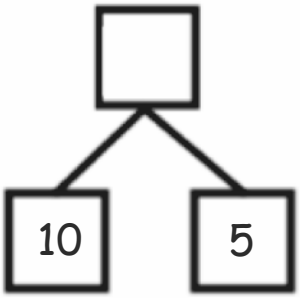
12 = 10 + _____

10 + _____ = 12



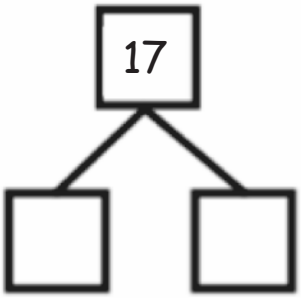
13 = 10 + _____

10 + _____ = 13



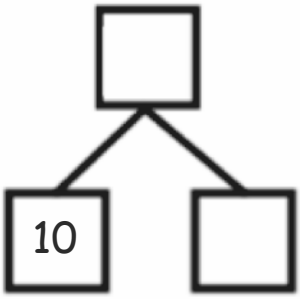
_____ + 5 = 15

15 = _____ + 5



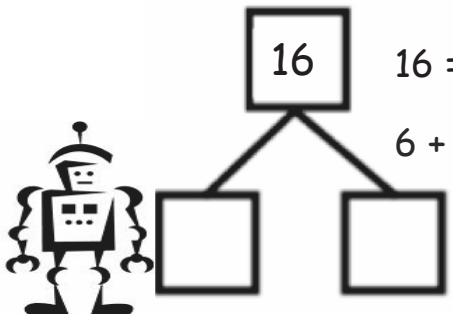
_____ + 7 = 17

17 = _____ + 7



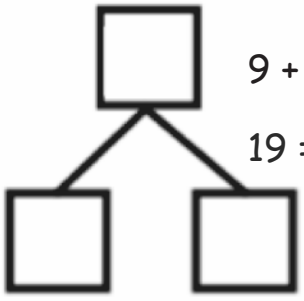
_____ + 8 = 18

18 = 10 + _____



16 = 6 + _____

6 + _____ = 16



9 + _____ = 19

19 = 10 + _____

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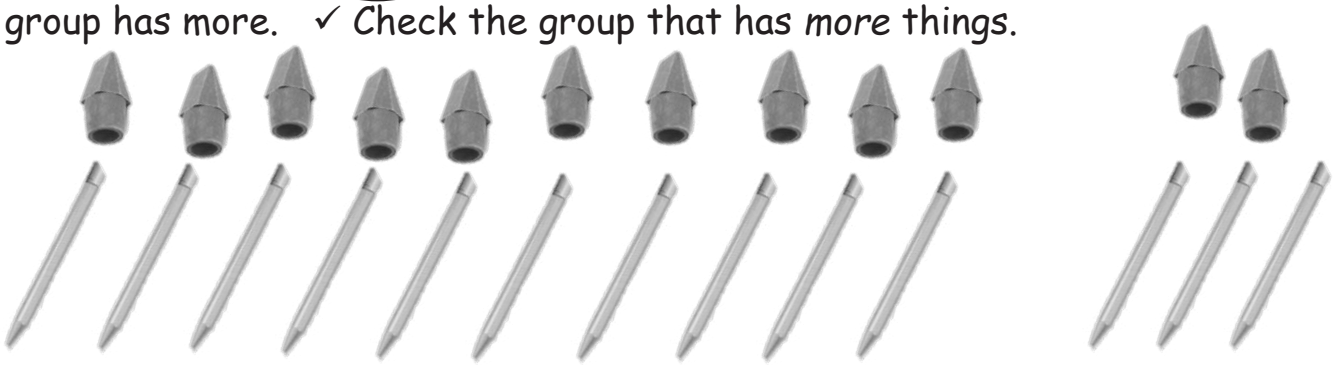
Name _____ Date _____

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.

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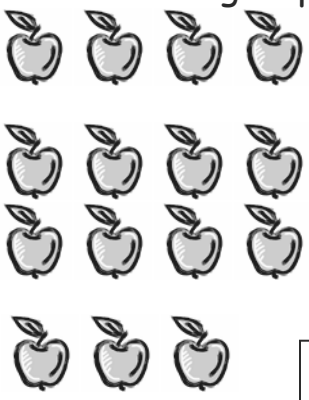
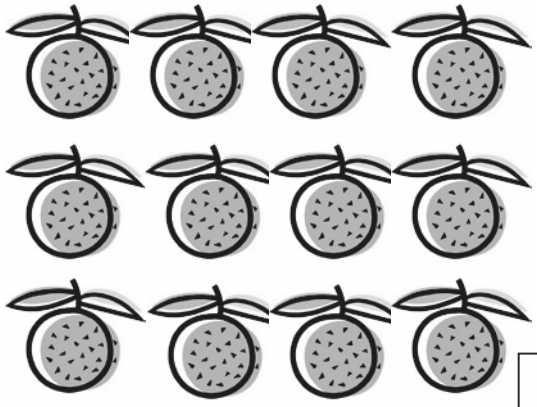
Circle 10 apples. Circle 10 oranges. Write how many are in each group.

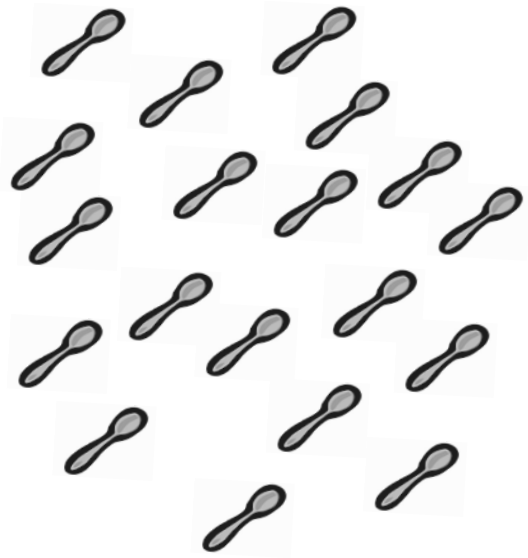
✓ Check the group that has *less*.

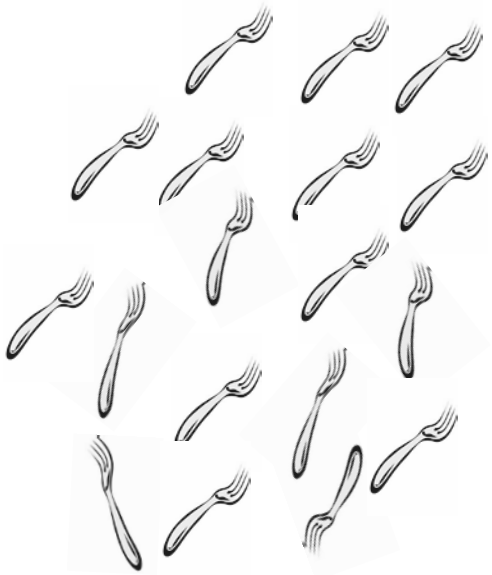




Circle 10 spoons. Circle 10 forks. Write how many are in each group.

Circle *more* or *less*.





[ ] is ~~more~~ / less than [ ]

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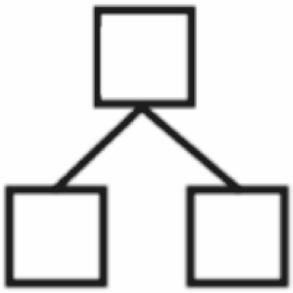
Name _____ Date _____

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

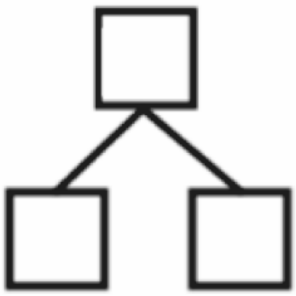
Write a number bond and an addition sentence to match your picture.



_____ _____ _____

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.



_____ _____ _____

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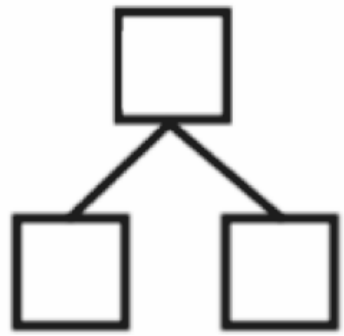
Our class has 16 bags of popcorn. Draw and show the popcorn bags as 10 ones and some ones.

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



_____ _____ _____

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Video tutorials: http://bit.ly/eurekapusd
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