LETTER HOME

Pennies, Pockets, and Parts

Dear Family Member:

Your child has been using numbers for counting and measuring. Now your child will learn that numbers can be made from different combinations. For example, ten can be made from four and six and also from seven and three. Your child will use diagrams, ten frames, connecting cubes, and pennies to explore these different combinations or partitions. See Figure 1. Children who are able to partition numbers and combine numbers are able to use reasoning strategies when working with numbers.

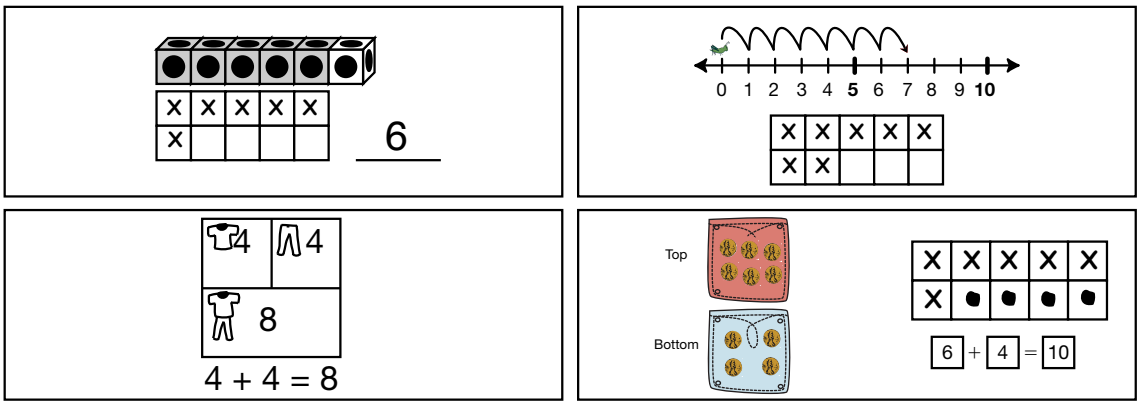

Figure 1: *Strategies and tools used to find and represent the partitions of a number*

Students will also be working on recognizing quantities by comparing them to the benchmarks of five and ten and using the counting-on strategy. The student in Figure 2 is using the counting-on strategy.

You can help your child at home in the following ways:

Math Tool Box at Home. Ask your child to gather some math materials and place them in a box to use with his or her homework: coins, beans, or other counters, some paper clips, pencils, and the *Two Ten Frames* page with this letter.

Class Penny Jar. Your child will use pennies for a variety of activities in this unit. If possible, please send twenty-five pennies to add to our class penny jar.

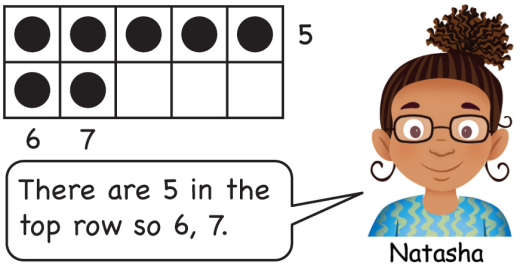

Figure 2: *Student using the counting-on strategy*

Counting Objects by Counting On. Encourage your child to count and tally objects. Your child can tally road signs, trees, or houses on the street. Encourage your child to use a counting-on strategy rather than counting all the objects. See Figure 2.

Parts of Ten. Look for quantities of ten as a whole and numbers less than ten as parts of a whole. For example, there are ten bowling pins and your child may only knock down four, or there are ten cars parked on the street and three are red.

Your efforts at home will strengthen your child's understanding of the math concepts explored at school.

Sincerely,

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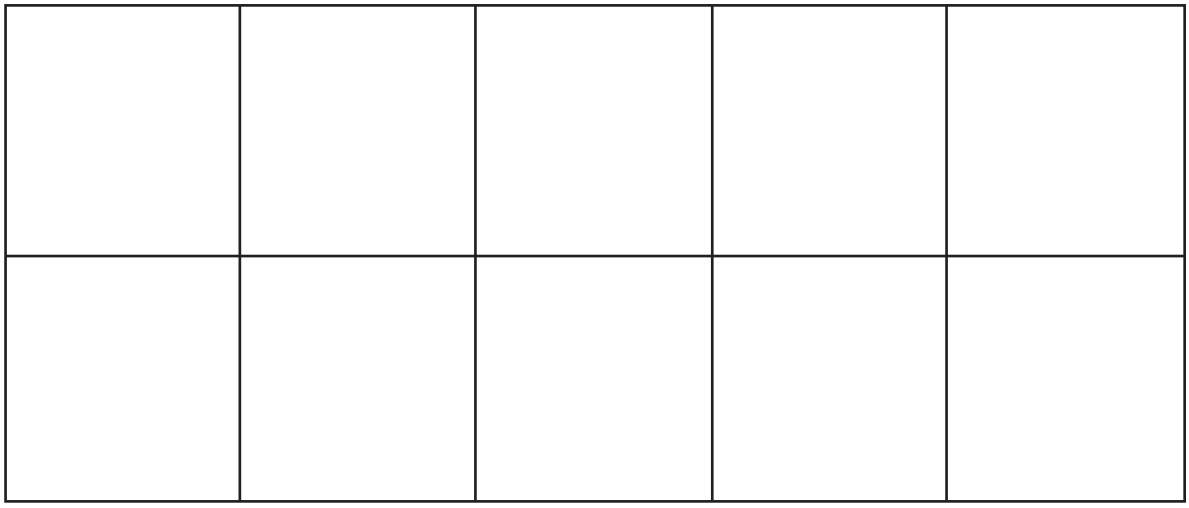
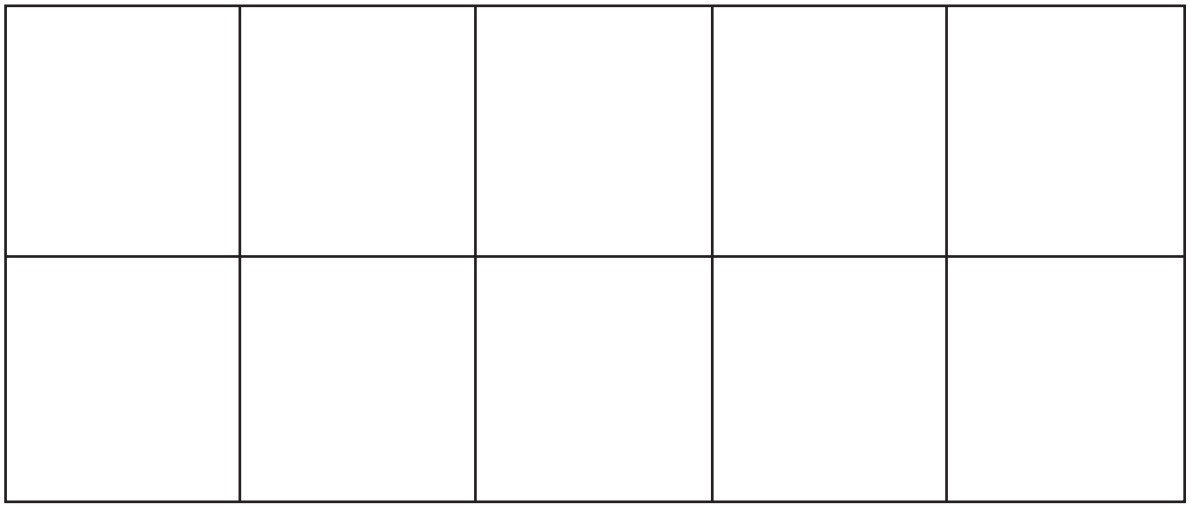
Two Ten Frames





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Unit 3: Home Practice

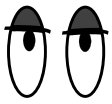
Part 1 Counting Eyes and Noses

Dear Family Member:

Please help your child count the objects listed in the table. As you go from person to person in your family, have your child record a tally for each object he or she sees. After all of the people have been checked, have your child count the tallies and record the total. Help your child skip count by 2s and 10s.

Thank you.

Record a tally for each object in your family. Then count the tallies and record the total.

Object	Tallies	Total
Eyes 		
Nose		
Feet		
Fingers		

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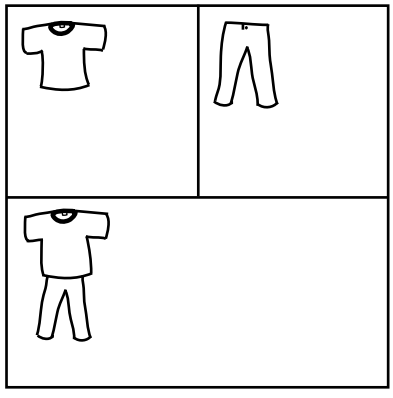
Part 2 Pockets

Find a person in your family wearing pockets. Draw a picture showing the number of pockets in the shirt and pants. Write a number sentence to show the total number of pockets.



_____

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Part 3 Pennies

1. Emily has 6 pennies. Show different ways Emily can place her 6 pennies into 2 pockets. Complete the table.

Pocket 1	Pocket 2	Number Sentence
0¢	6¢	0¢ + 6¢ = 6¢

2. Sam has 5 pennies. Show different ways Sam can place his 5 pennies into 3 pockets.

Pocket 1	Pocket 2	Pocket 3	Number Sentence
1¢	1¢	3¢	1¢ + 1¢ + 3¢ = 5¢

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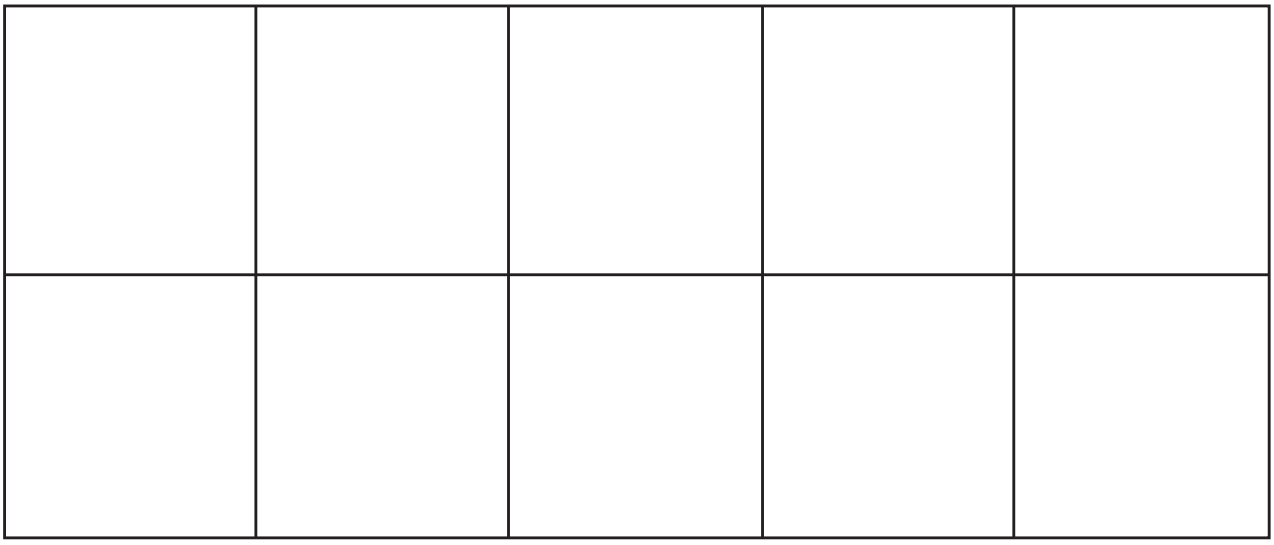
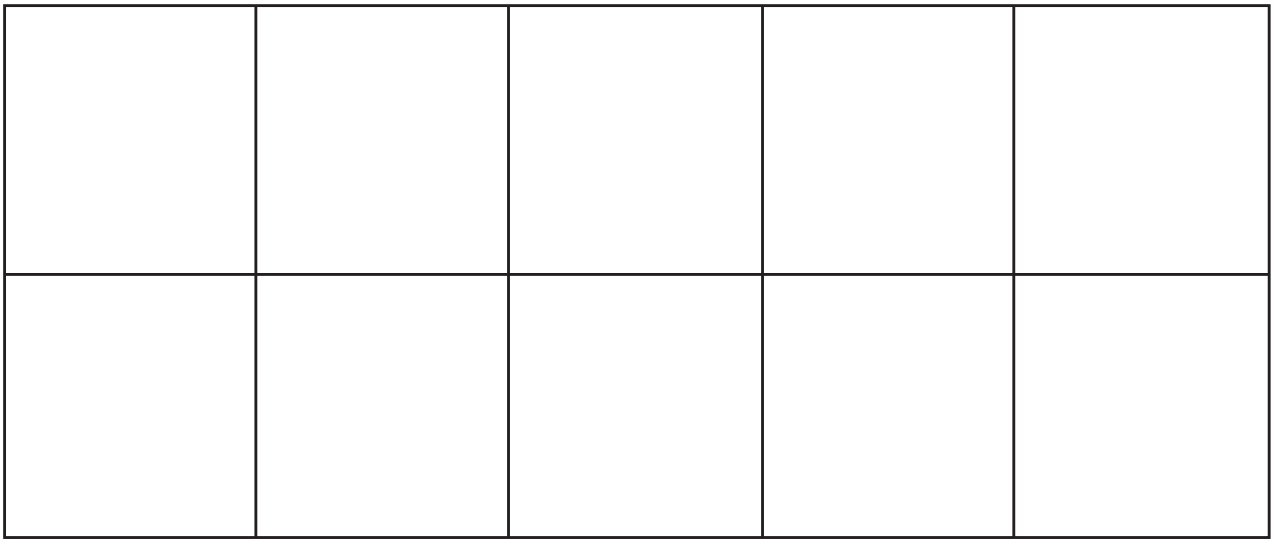
Two Ten Frames





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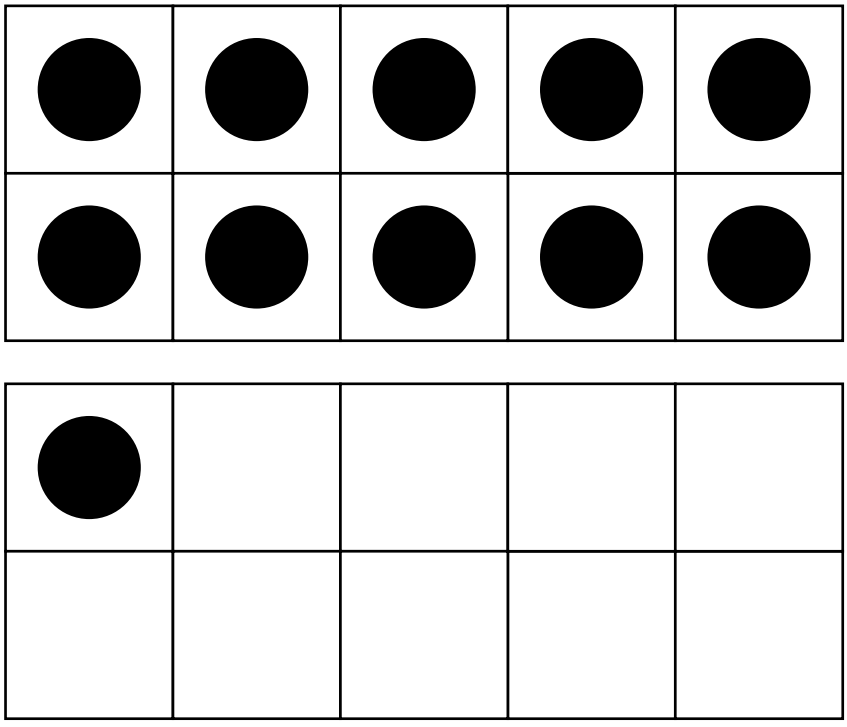
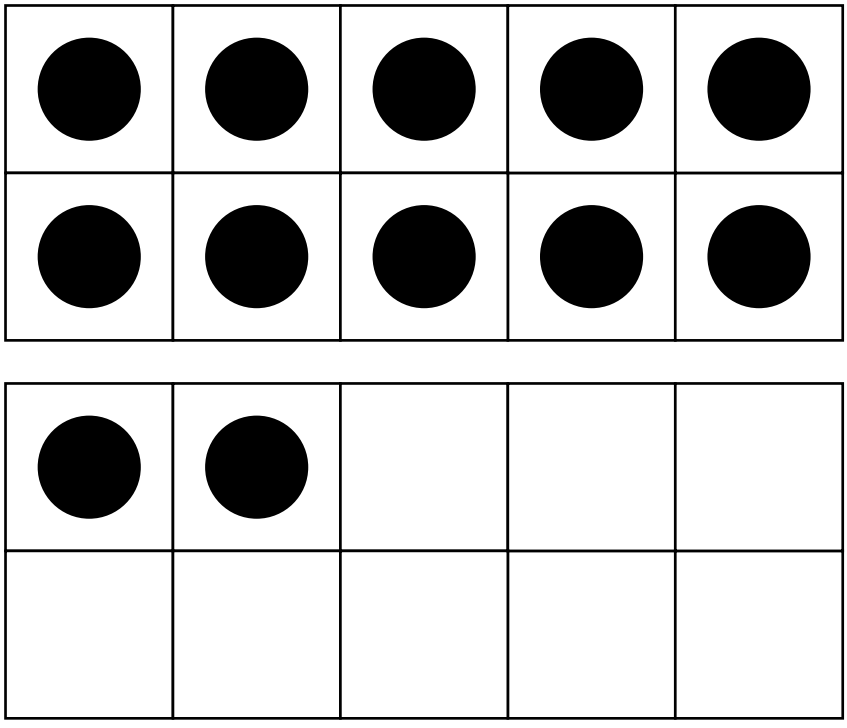
11–20 Ten Frame Flash Cards





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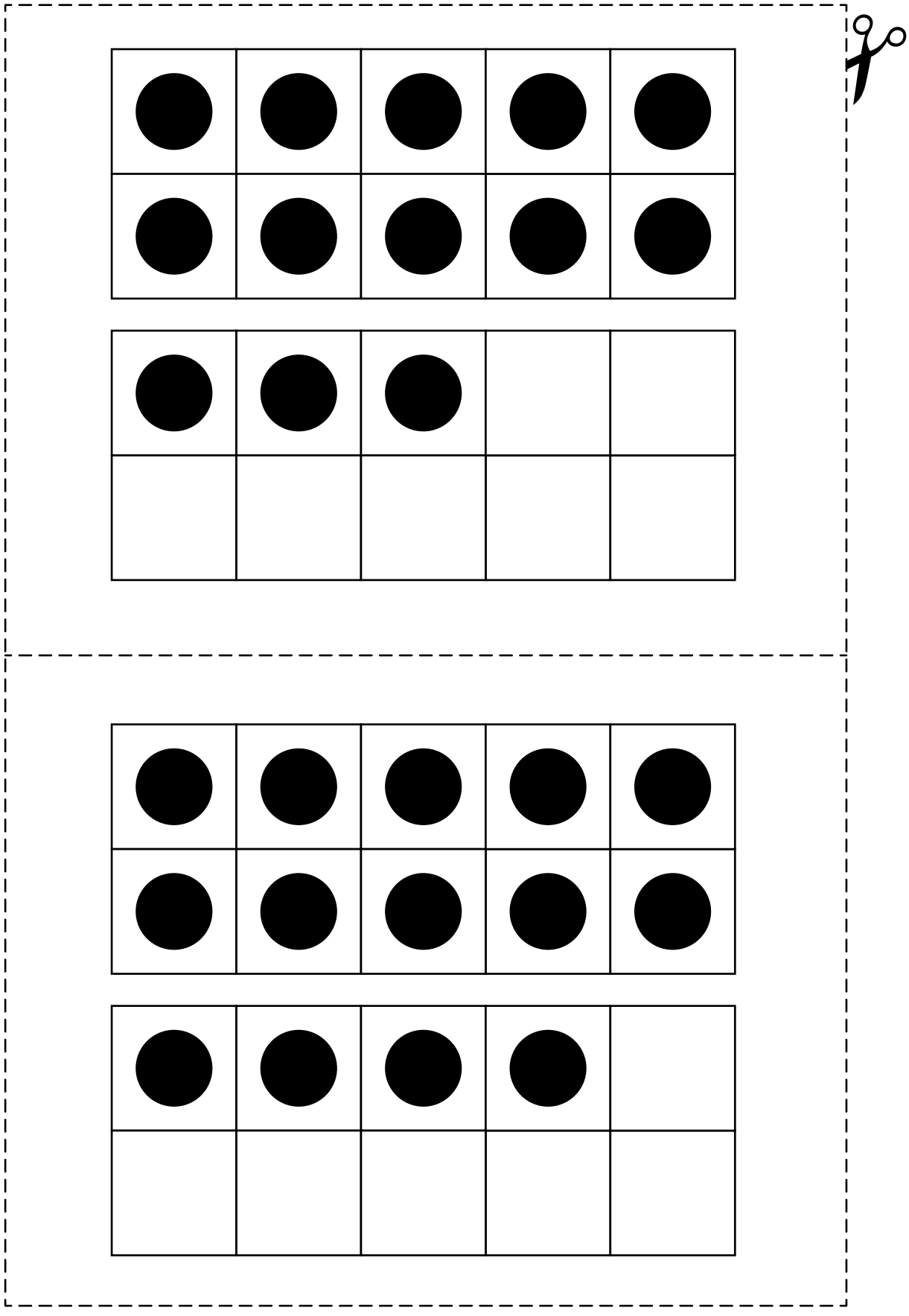

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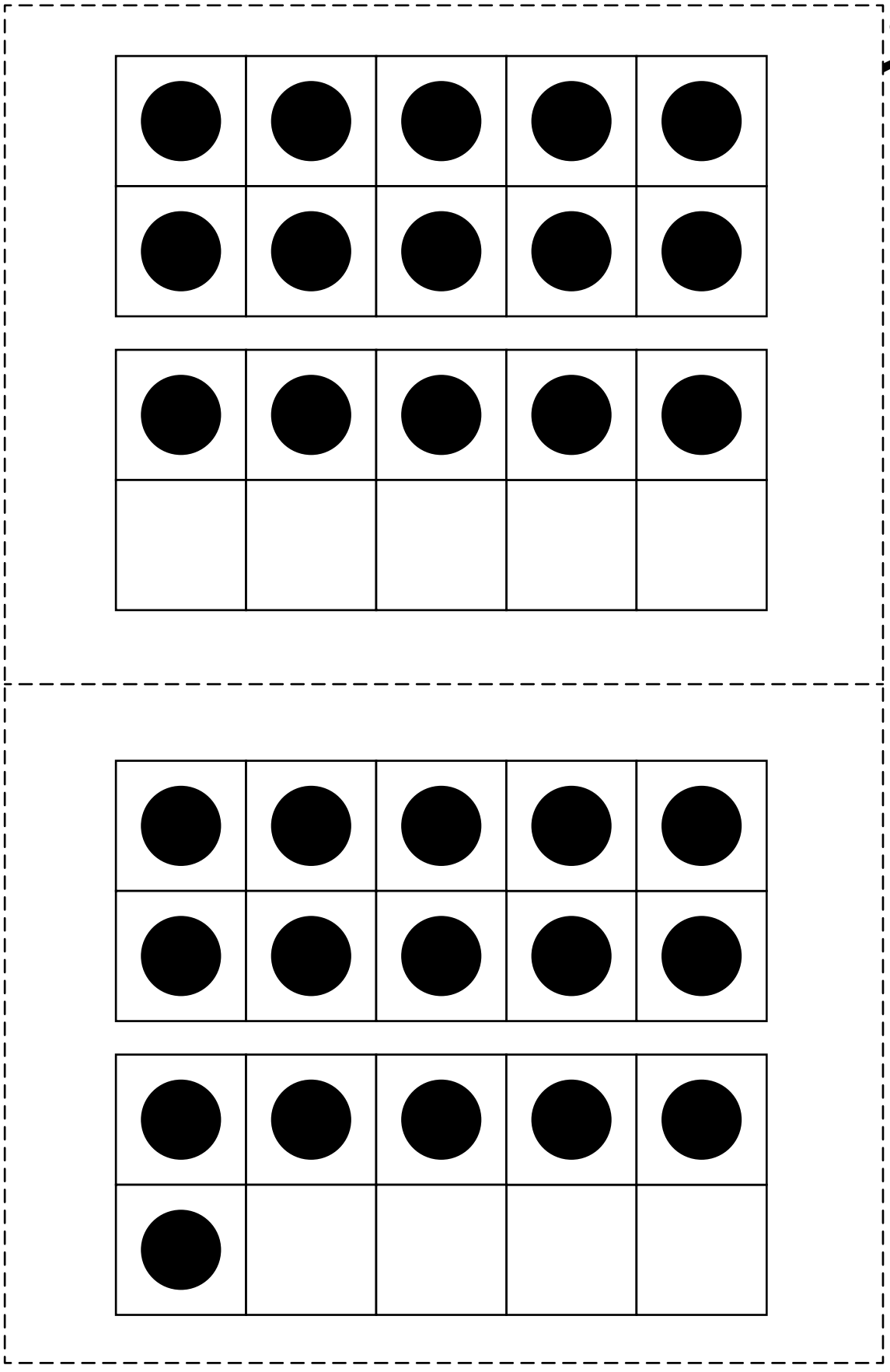

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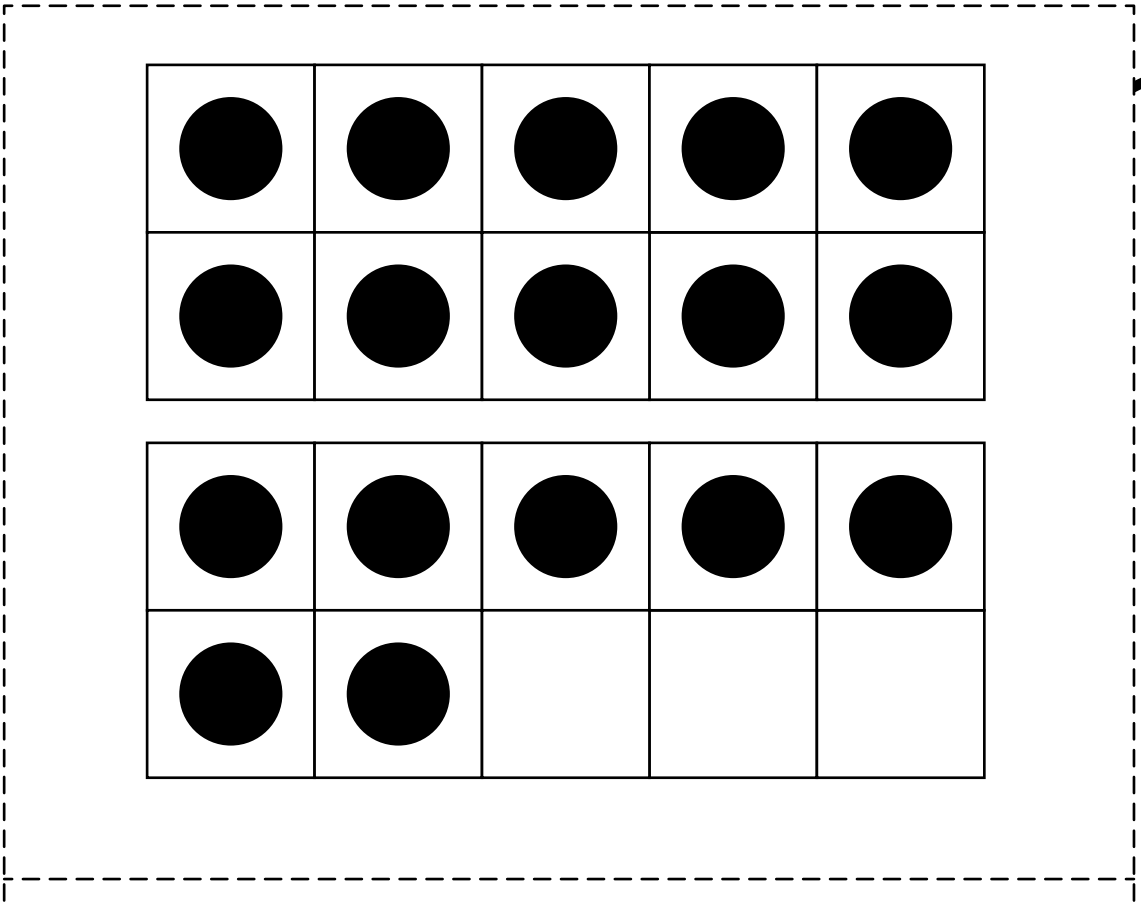

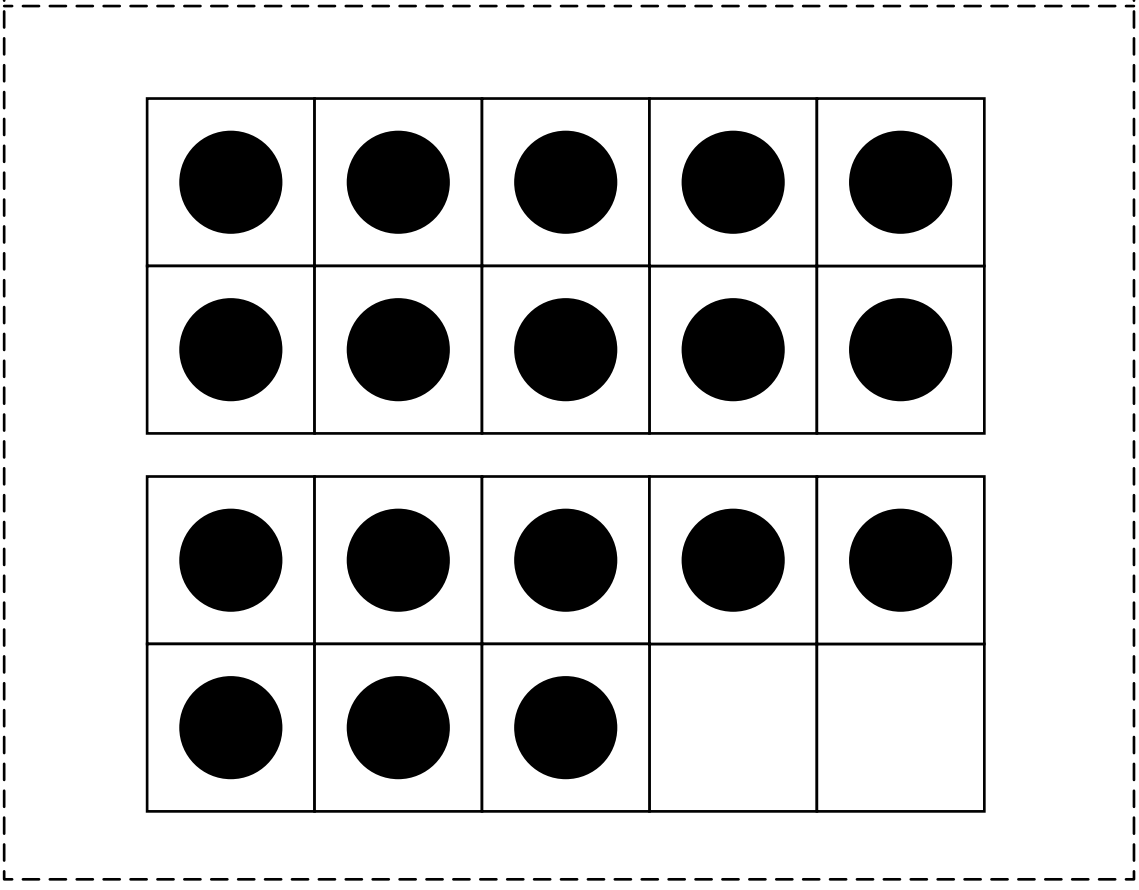

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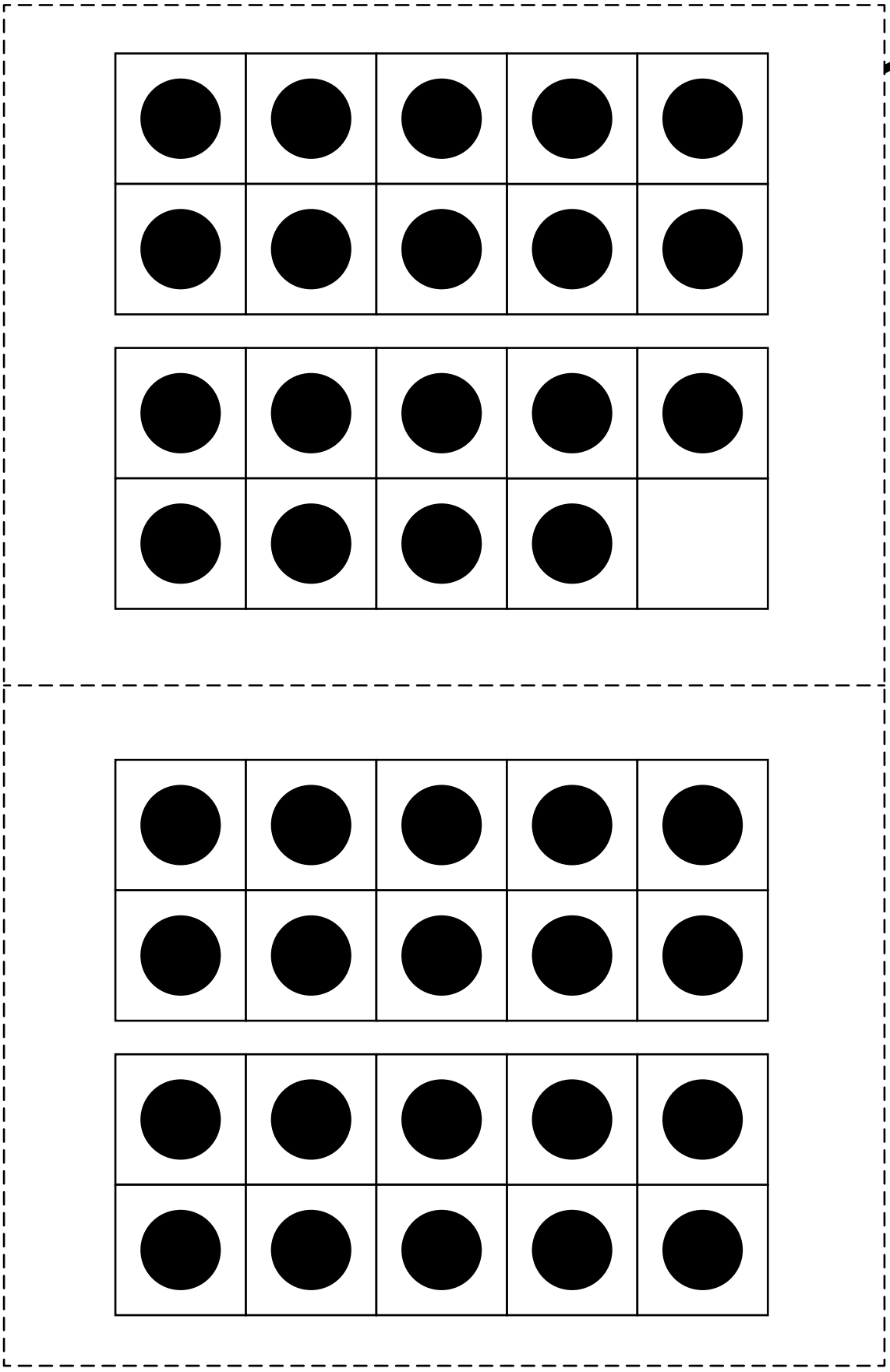

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House Walk

Homework

Dear Family Member:

We have been thinking about numbers and tallies. Please help your child count and tally the objects in the table.

For example: 𝍸 || for seven

Ask questions that will stimulate your child's thinking:

- How many clocks and windows are there altogether?
- How many more lamps than chairs are there?

Thank you.

Record a tally for each object in your home. Then count the tallies and record the total.

Object	Tallies	Total
Lamp		
Chair		
Table		
Clock		
Window		

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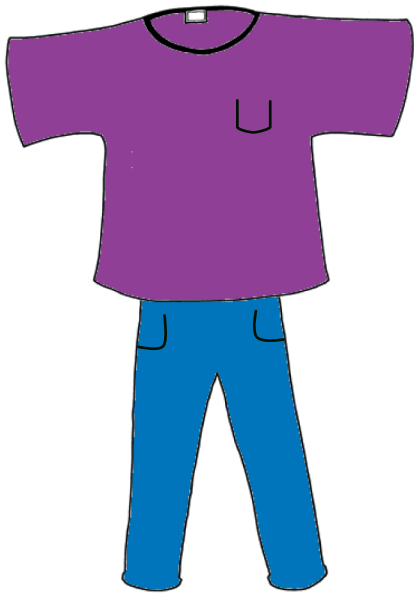
Name _____ Date _____

Wearing Pockets

Homework

Dear Family Member:

Tomorrow your child will gather data and make a bar graph. We will count the number of pockets on each student's clothing. Please help your child select clothing that has pockets on the pants, skirt, or shirt. Thank you.



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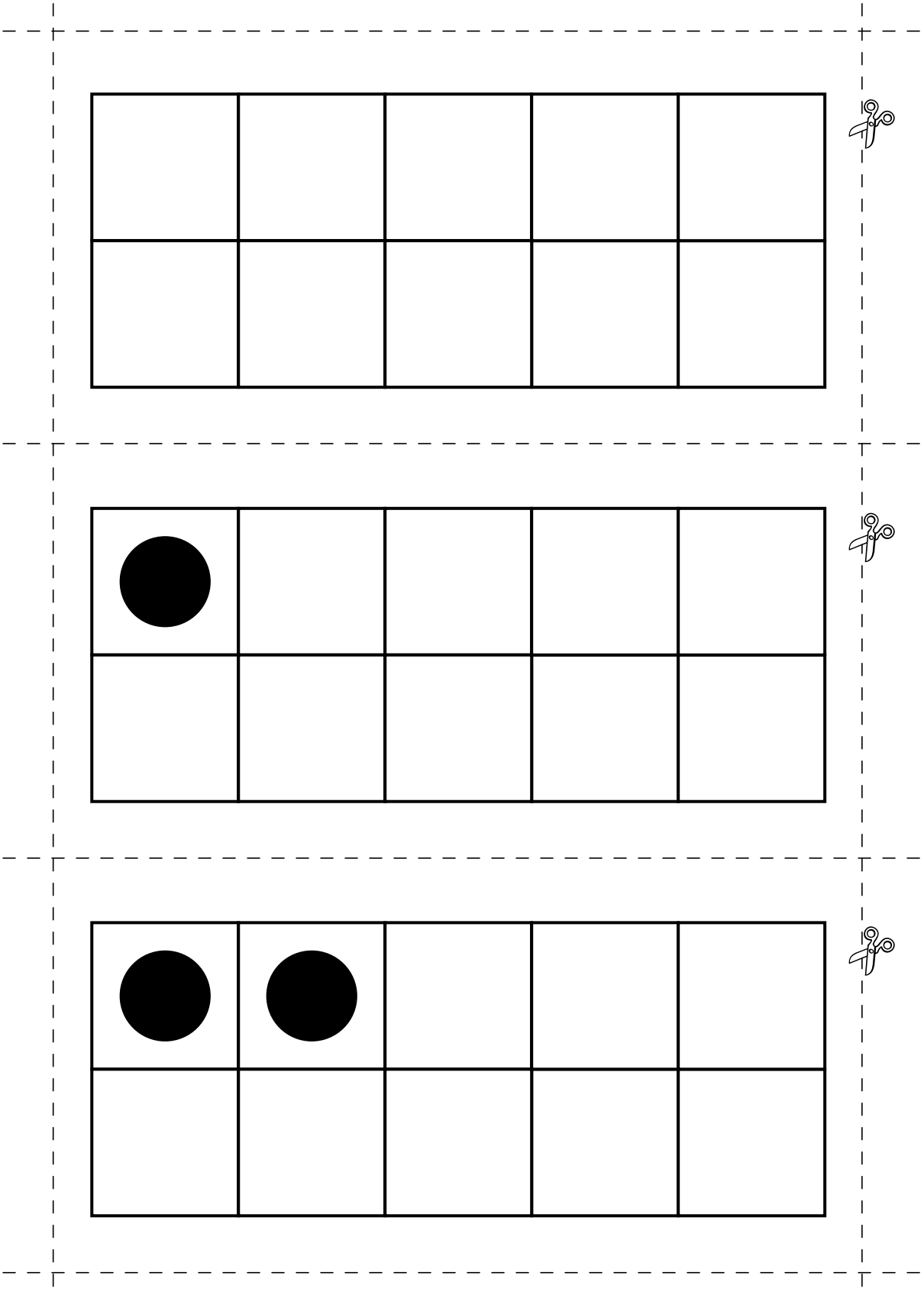
0–10 Ten Frames Flash Cards



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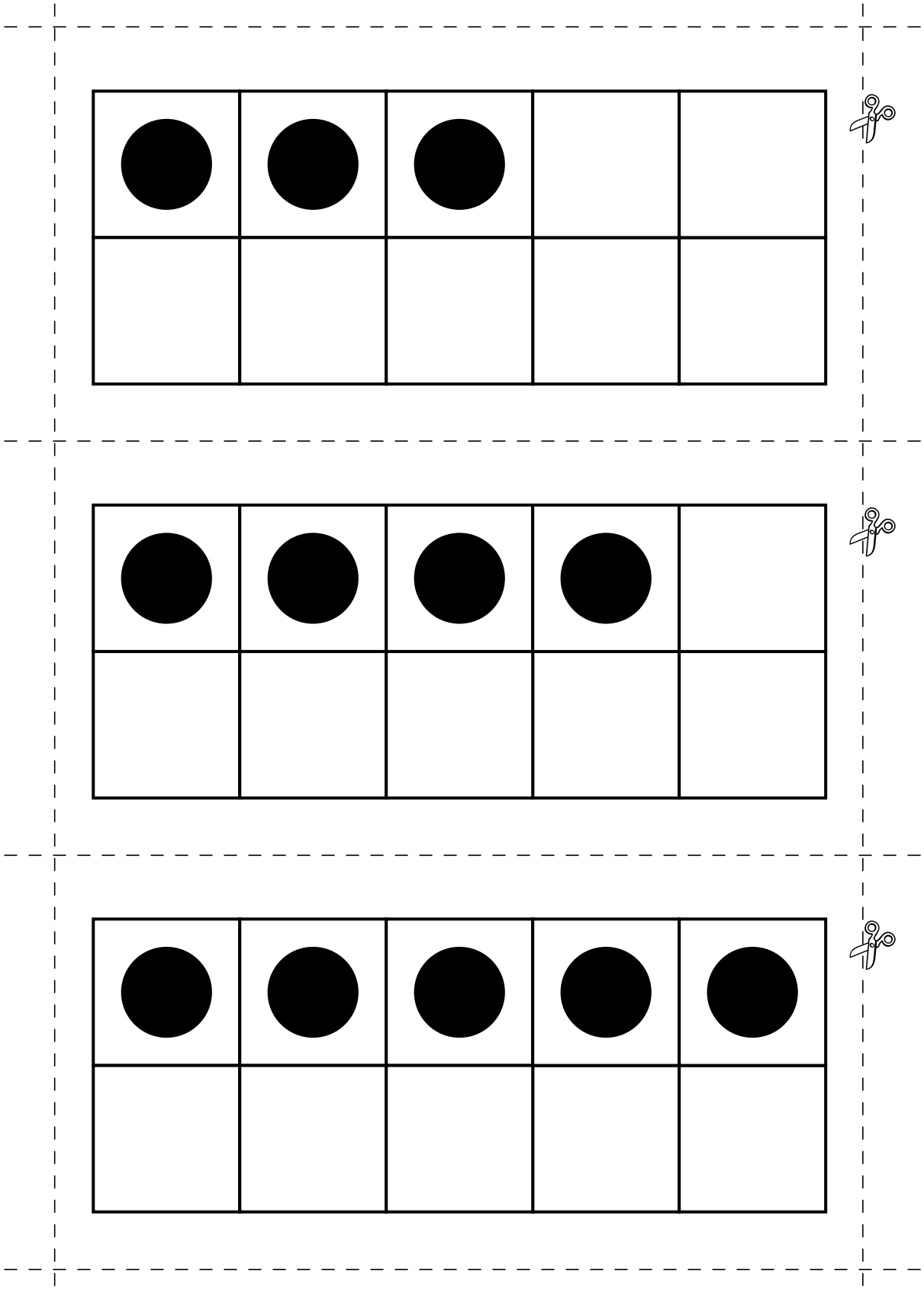

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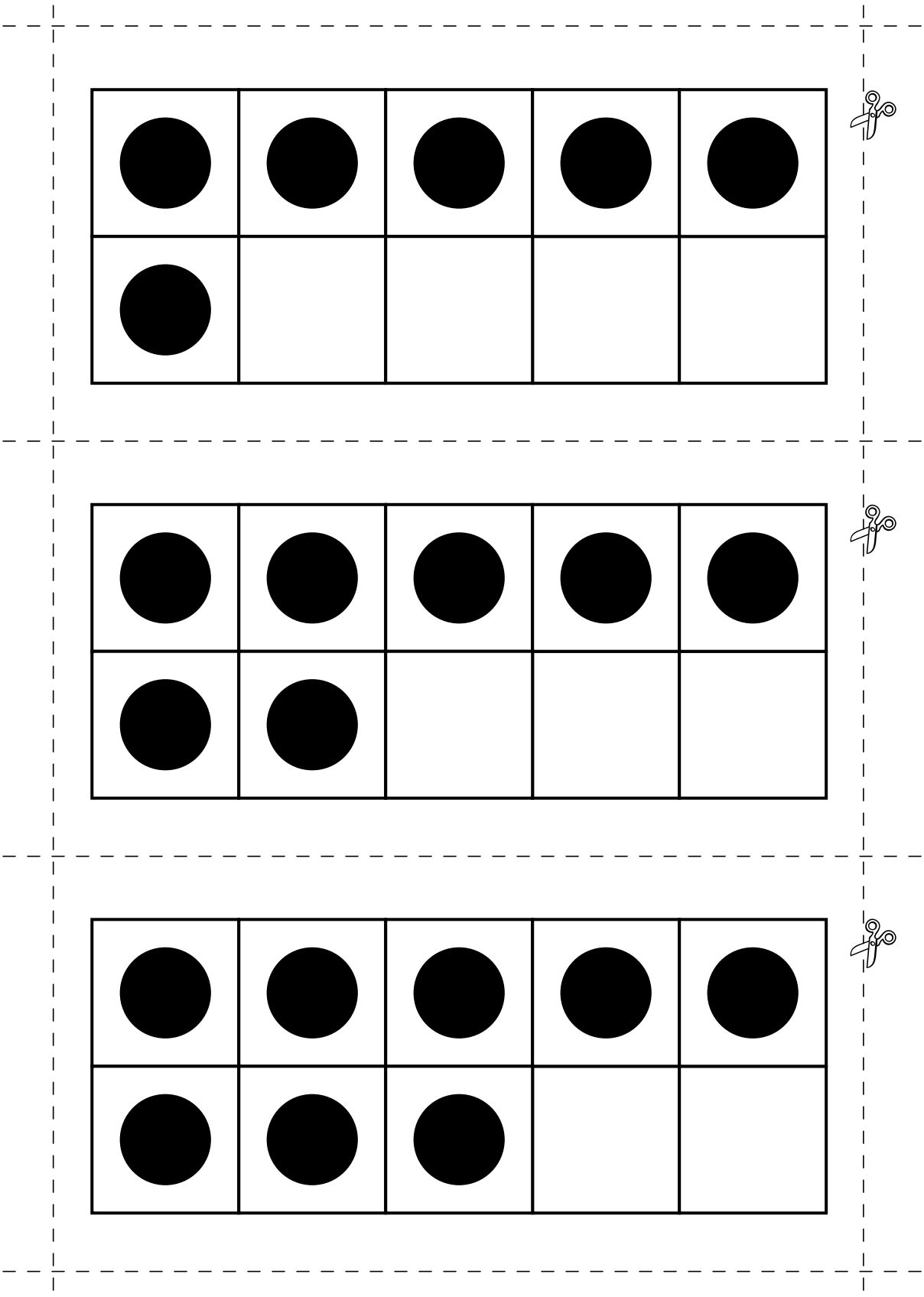

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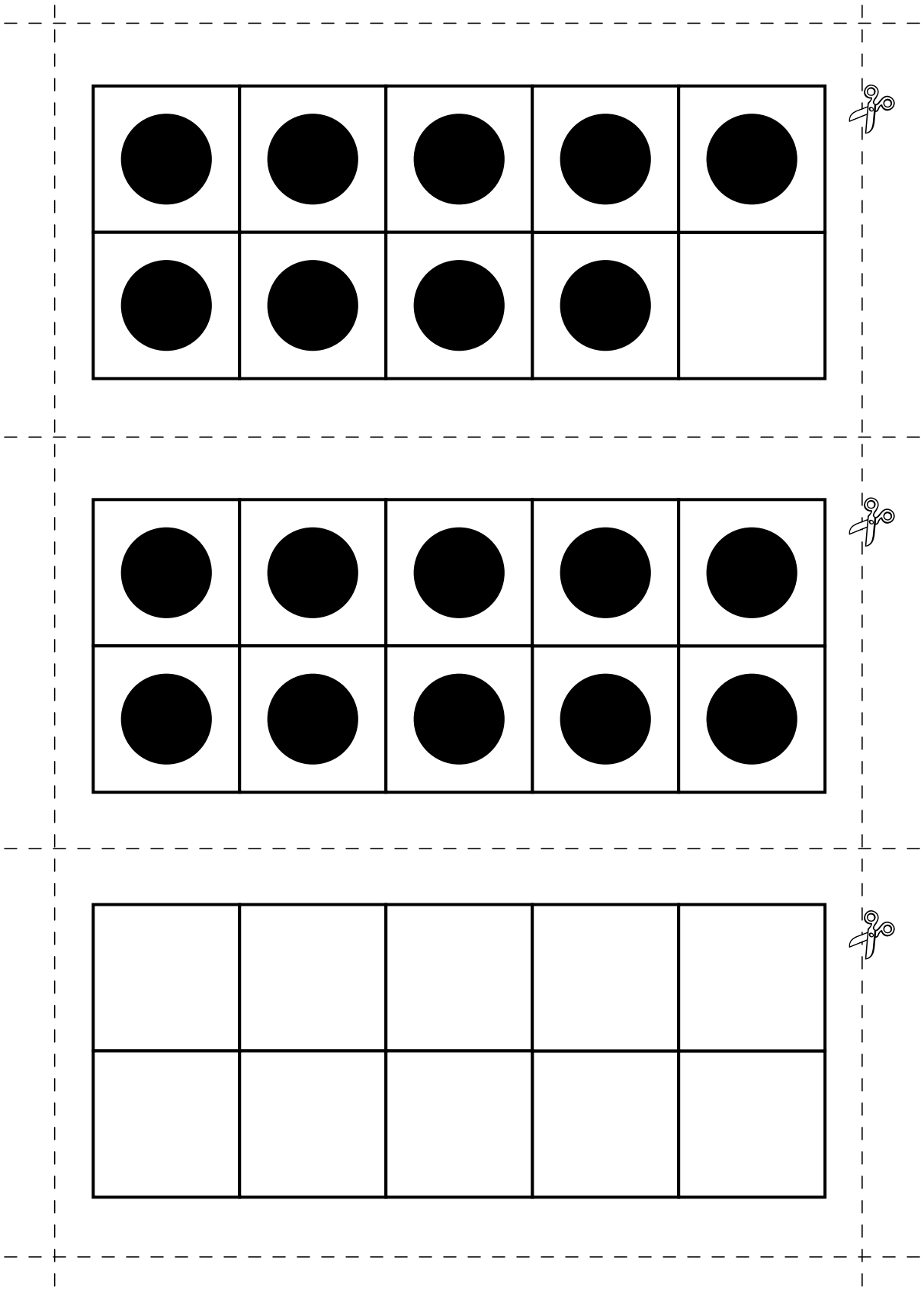

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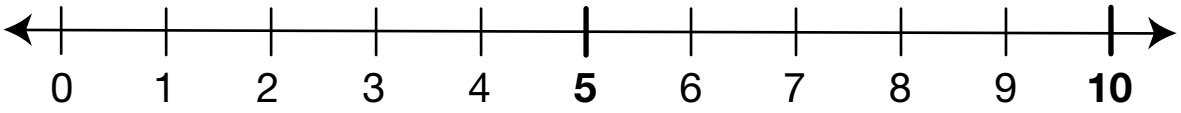
Many Ways to Show a Number

Showing _____ . . .

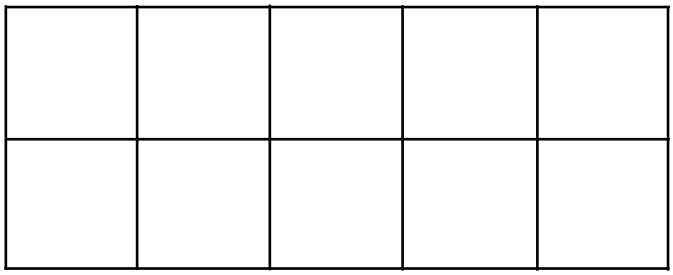
with cubes.

with hops.



with tallies.

with a ten frame.



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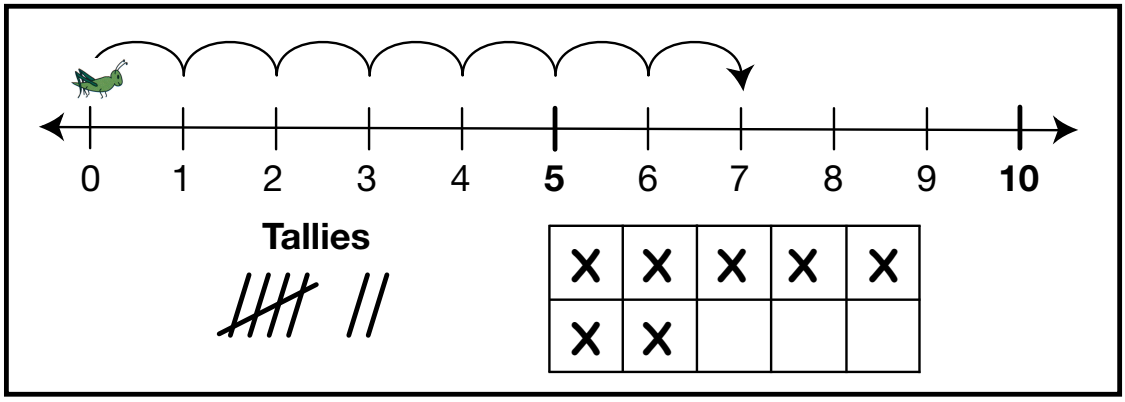
Ten Frames, Number Lines, and Tallies

Homework

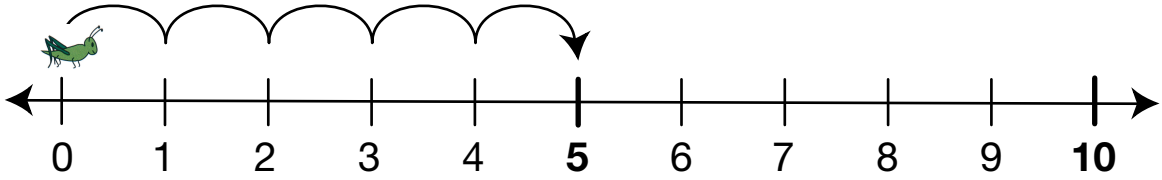
Dear Family Member:

Your child is using ten frames to represent numbers. A ten frame for 7 is shown below. Note that the top row of a ten frame is filled in completely before the bottom row is used. Thank you.

Show the number by completing the number line, tallies, and ten frame. Follow the example showing 7.

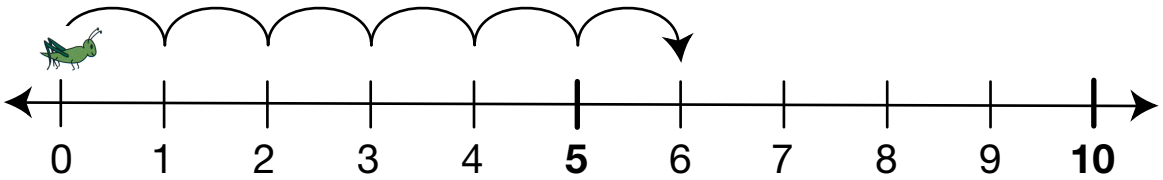


1.

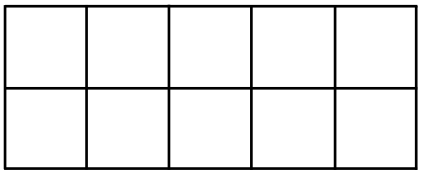


Tallies

2.



Tallies



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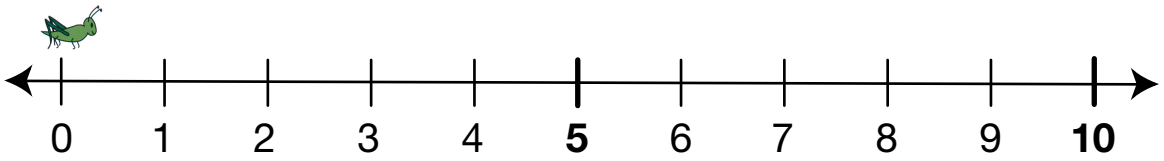
3.

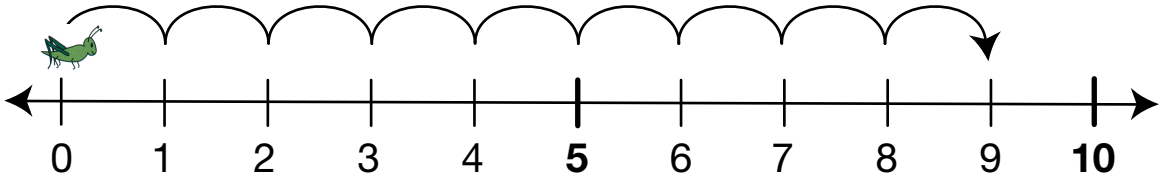


Tallies

////

X	X	X	X	

4.



Tallies

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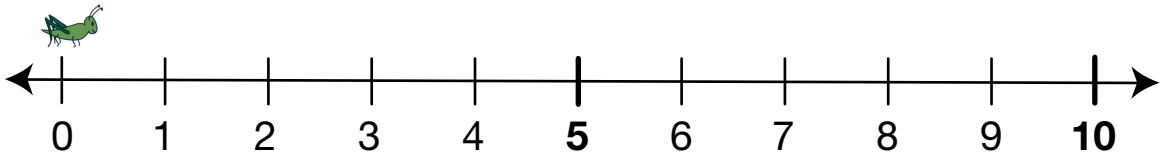
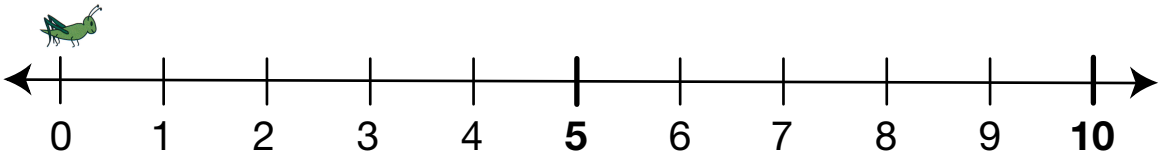


Tallies

X	X	X		

6.



Tallies

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Number Book:
Many Ways to Show a Number 0–10

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Name _____ Date _____

Many Ways to Show 0

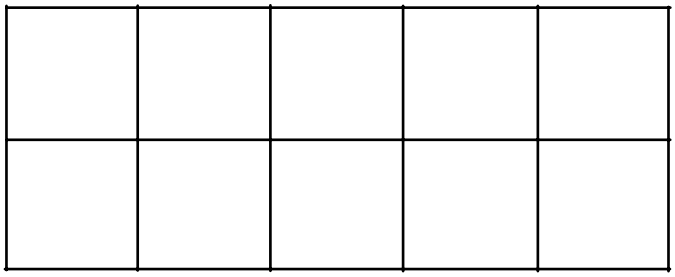
0 0 0

_____ **Cubes**

_____ **Tallies**

Draw _____ _____

Ten frame _____



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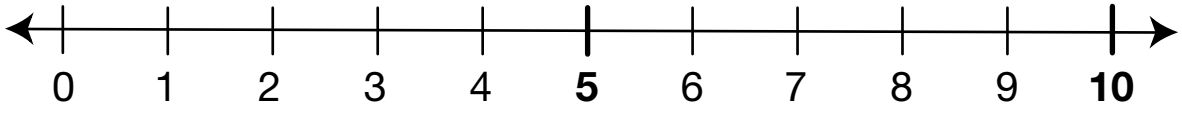

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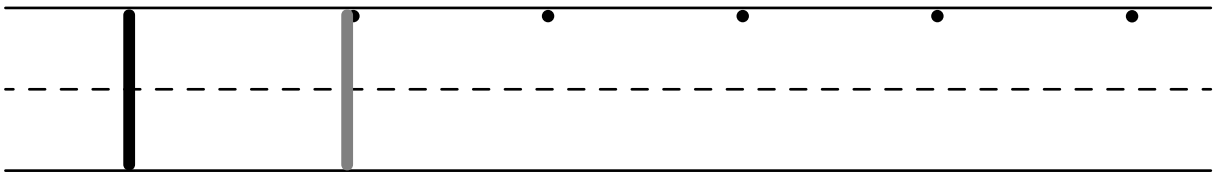
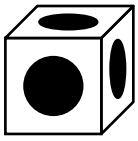
Name _____ Date _____

Many Ways to Show 1



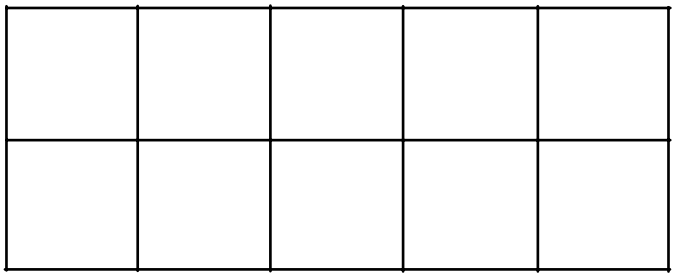
_____ **Cubes**



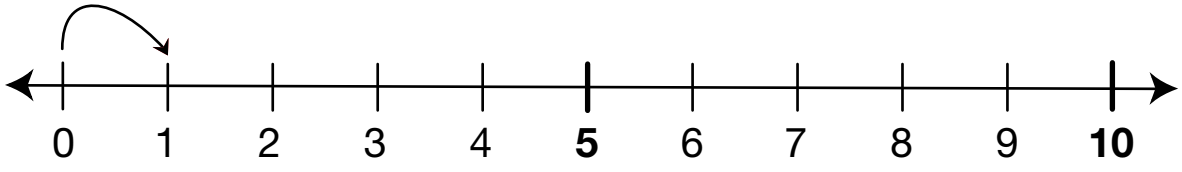
_____ **Tallies**

Draw _____ _____

Ten frame _____



Number line _____



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Name _____ Date _____

Many Ways to Show 2

2 2 • • • •

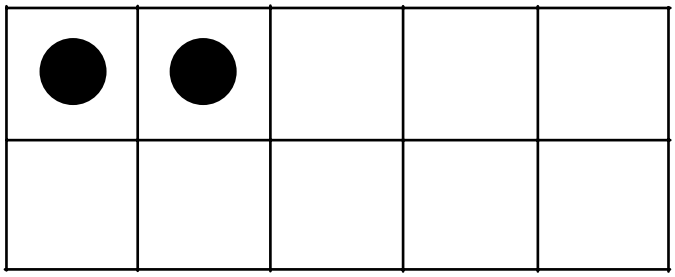
_____ **Cubes**

_____ **Tallies**

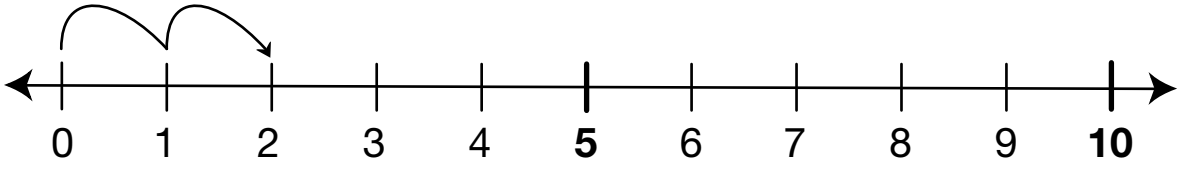
//

Draw _____ _____

Ten frame _____



Number line _____



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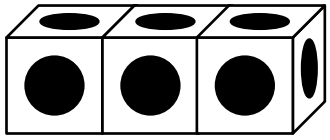
Name _____ Date _____

Many Ways to Show 3

3 3 • • • •

_____ **Cubes**



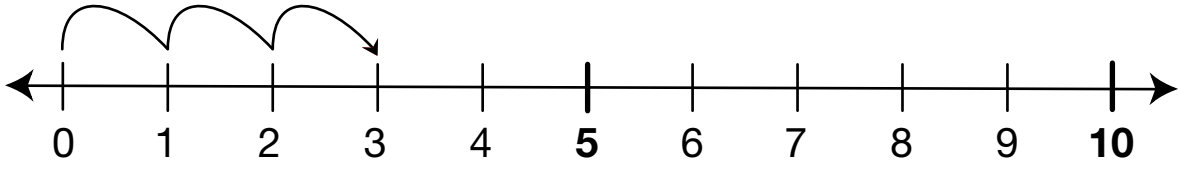
_____ **Tallies**

Draw _____ **stars**

★ ★ ★

Ten frame _____

Number line _____



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Name _____ Date _____

Many Ways to Show 4

4 4

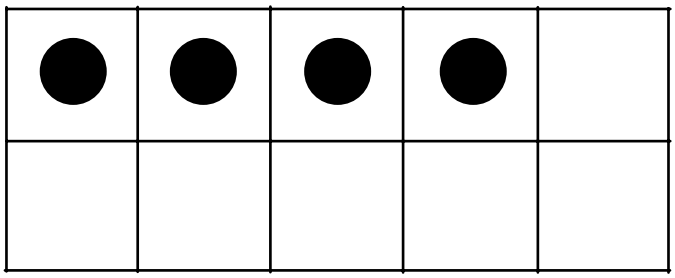
_____ **Cubes**

_____ **Tallies**

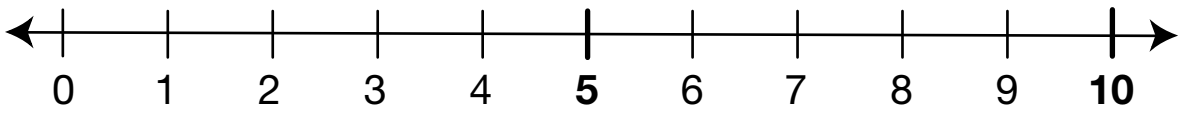
Draw _____ **stars**

★ ★ ★ ★

Ten frame _____



Number line _____



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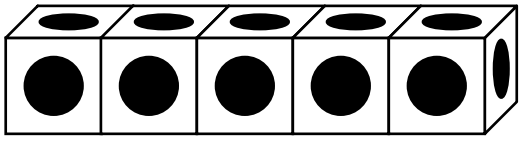
Name _____ Date _____

Many Ways to Show 5

5 5

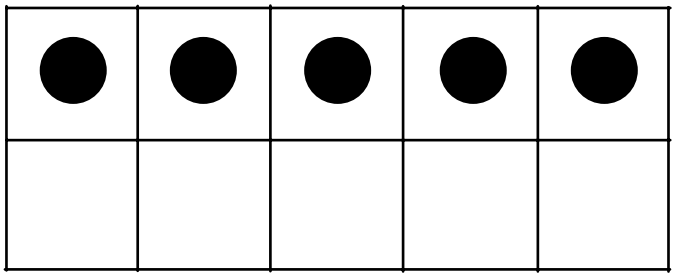
_____ **Cubes**



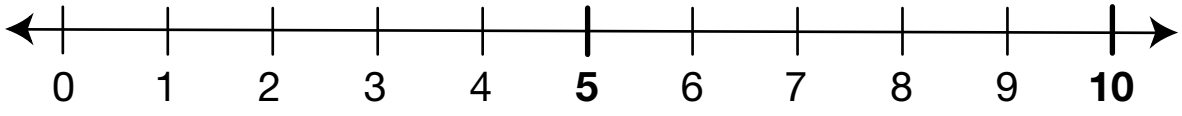
_____ **Tallies**

Draw _____ _____

Ten frame _____



Number line _____



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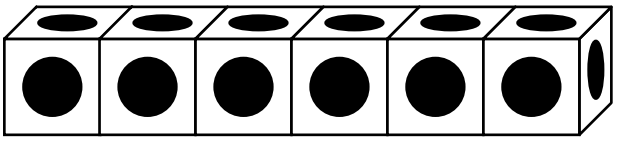
Name _____ Date _____

Many Ways to Show 6

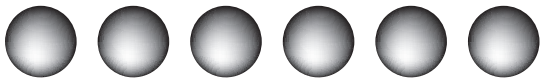
6 6

_____ Cubes

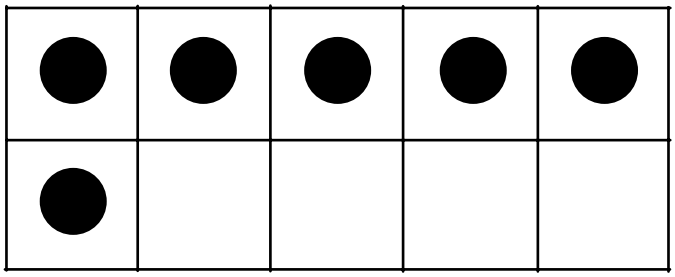


_____ Tallies

Draw _____ balls



Ten frame _____



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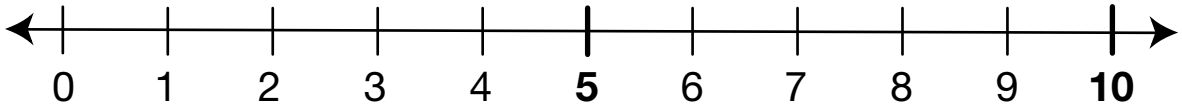

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Name _____ Date _____

Many Ways to Show 7

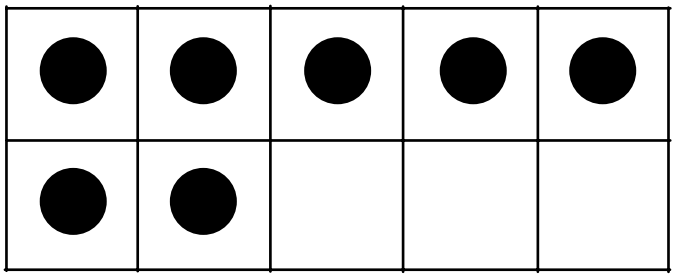
7 7

_____ **Cubes**

_____ **Tallies**

Draw _____ _____

Ten frame _____



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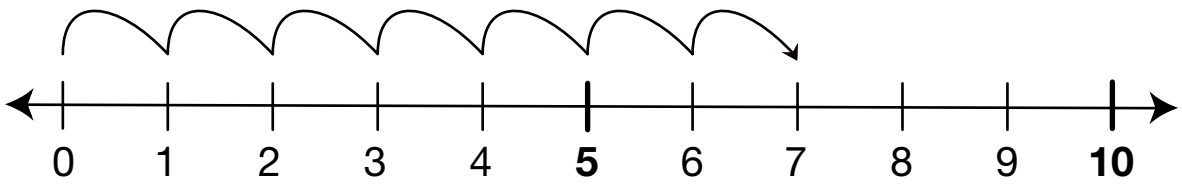

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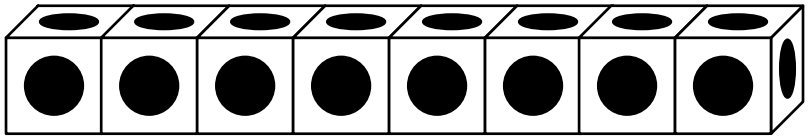
Name _____ Date _____

Many Ways to Show 8

8 8

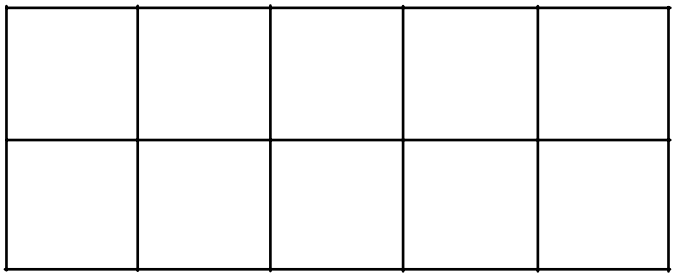
_____ Cubes



_____ Tallies

Draw _____ _____

Ten frame _____



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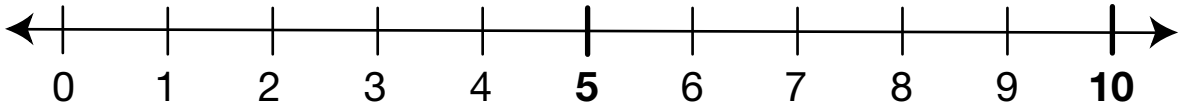

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Name _____ Date _____

Many Ways to Show 9

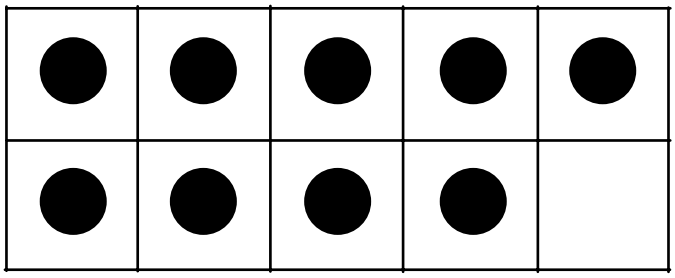
9 9

_____ **Cubes**

_____ **Tallies**

Draw _____ _____

Ten frame _____



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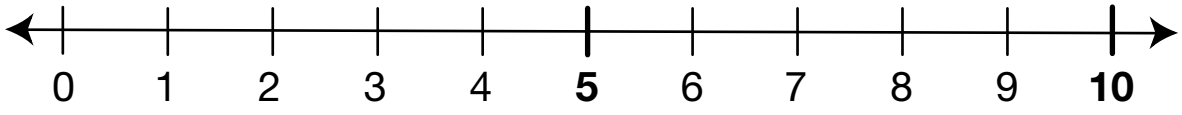

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Name _____ Date _____

Many Ways to Show 10

10 10

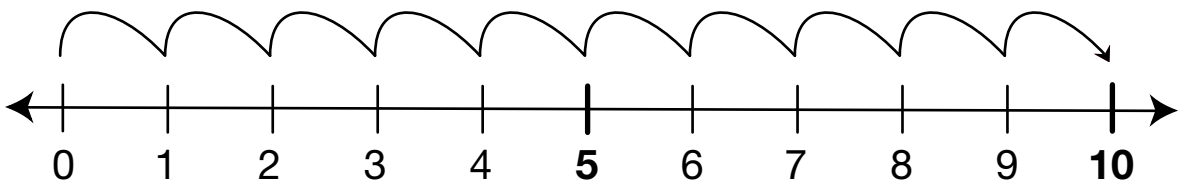
_____ Cubes

_____ Tallies

Draw _____ stars

Ten frame _____

Number line _____



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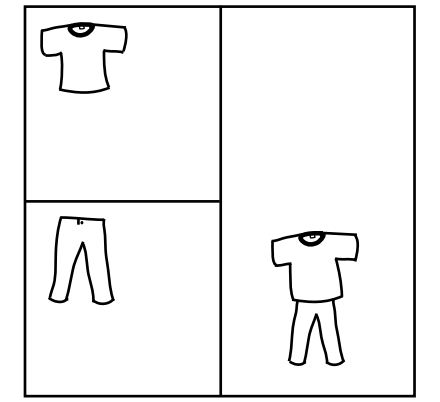
More Pocket Parts 1



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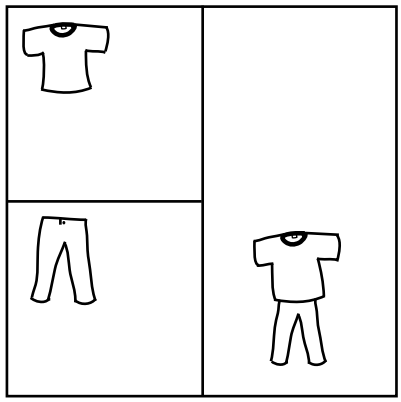

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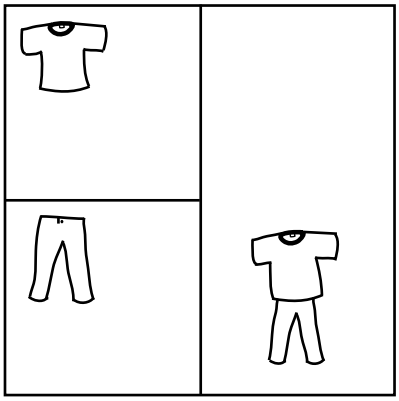

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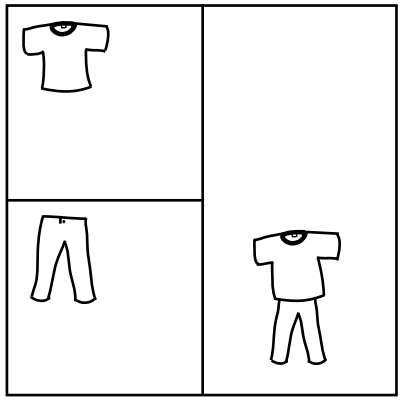

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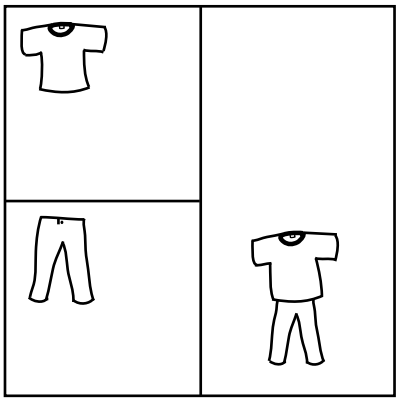

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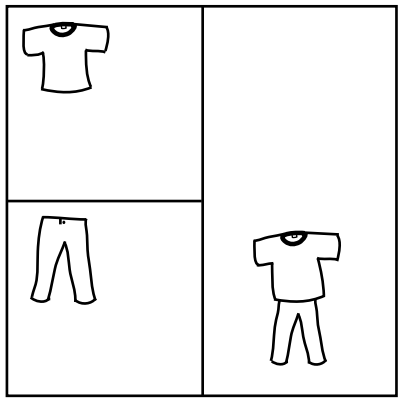

□ + □ = □

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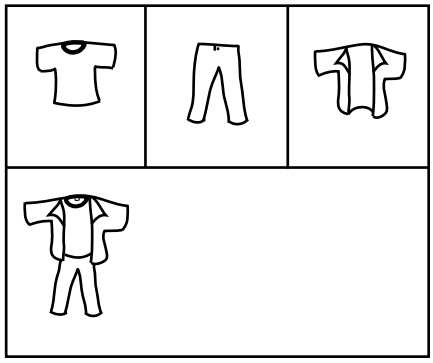
Name _____ Date _____

More Pocket Parts 2



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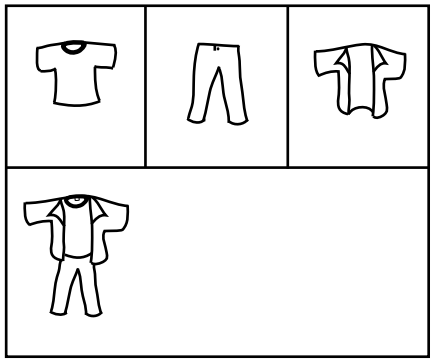

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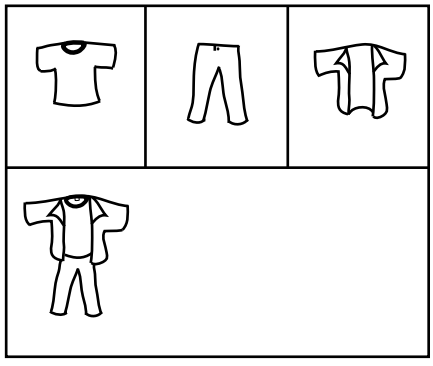

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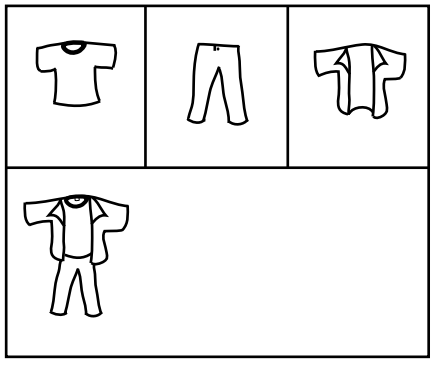

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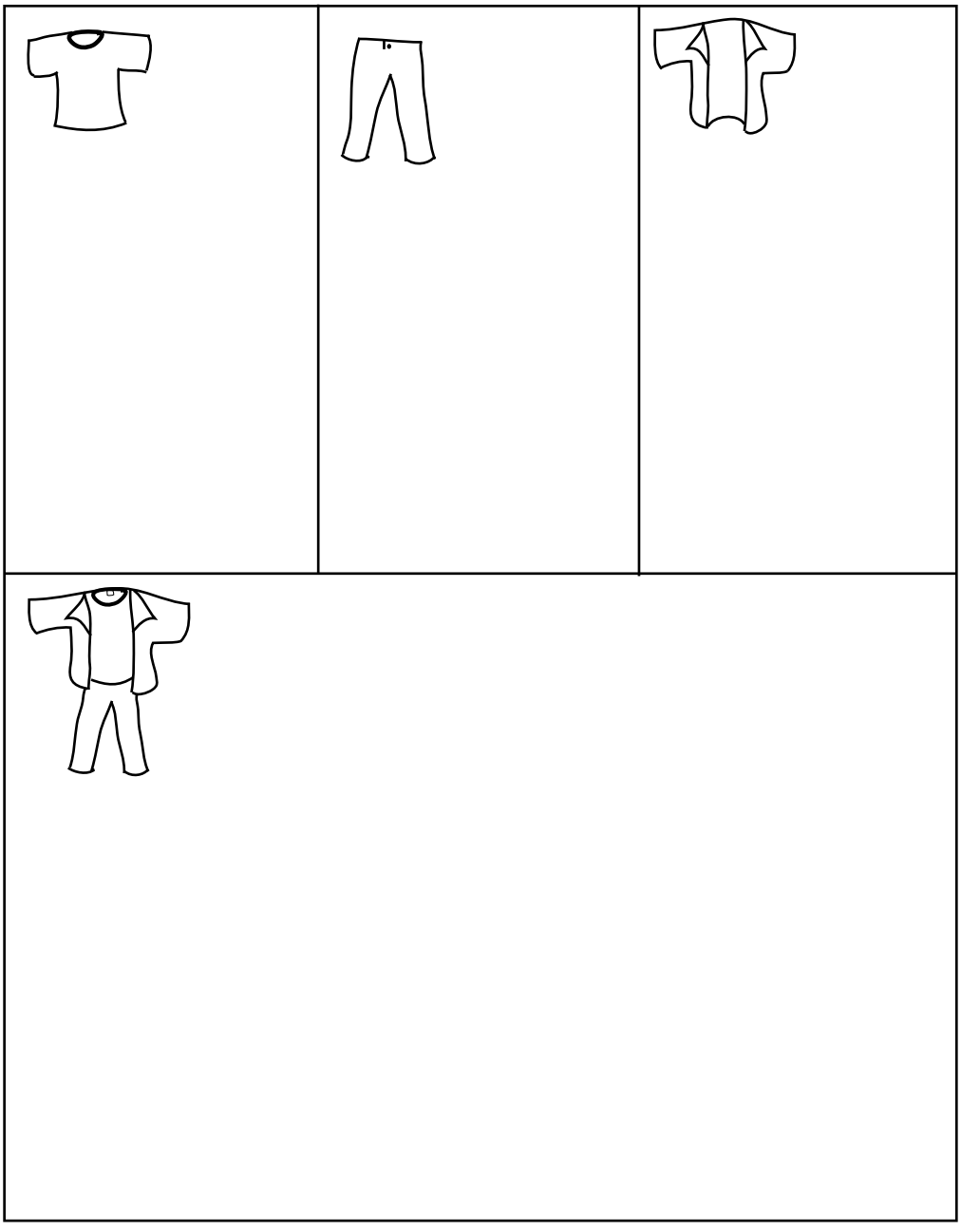
Shirt, Pants, and Coat Pockets



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Pocket Parts Table

Name	Shirt Pockets	Pants Pockets	Total Pockets	Number Sentence

Name _____ Date _____

Pockets at Home

Homework

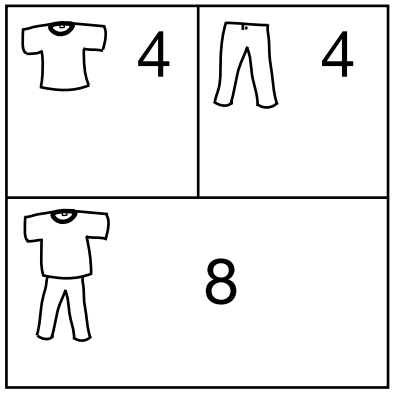
Dear Family Member:

Your child has been solving addition problems about the total number of pockets on outfits. Encourage your child to use counters to help solve the following problems. Help your child to count on from the larger number of pockets rather than counting all or counting from one each time.

Thank you.

Find the total number of pockets for each. Then write a number sentence on the line.

Ex.



4 + 4 = 8

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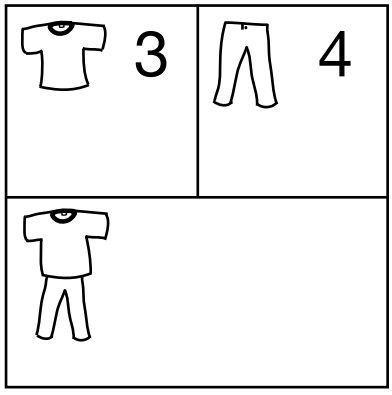

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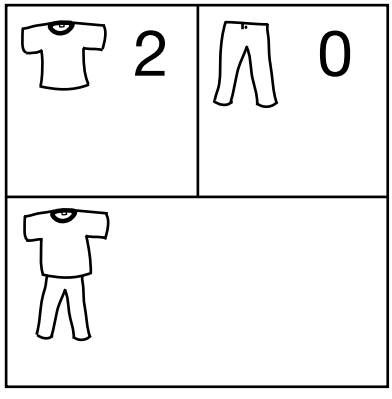

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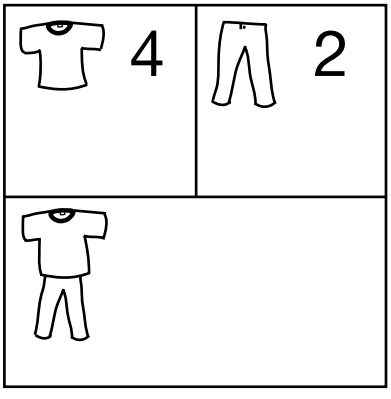

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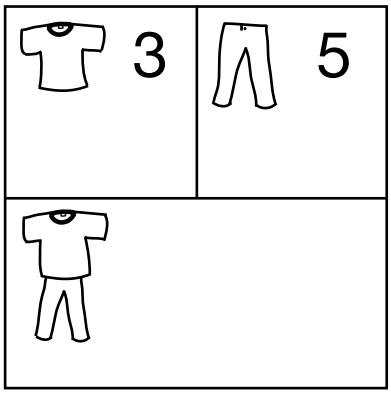
Name _____ Date _____

4.



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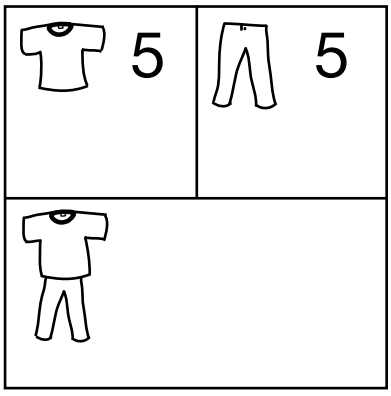

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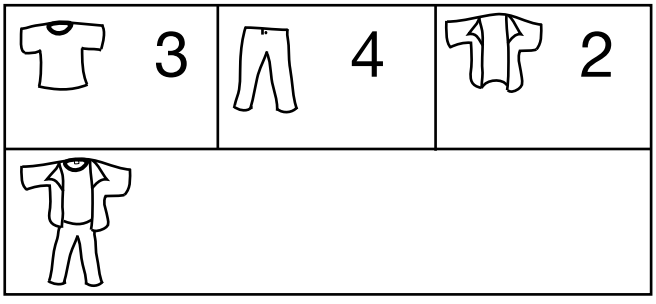
6.



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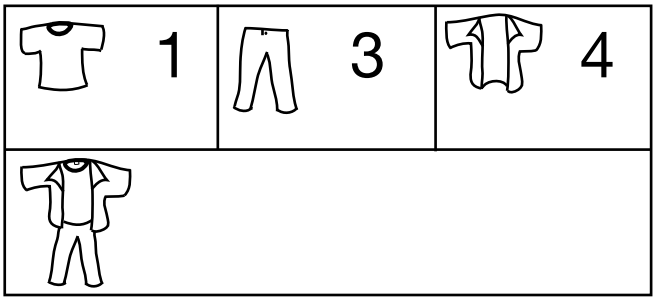

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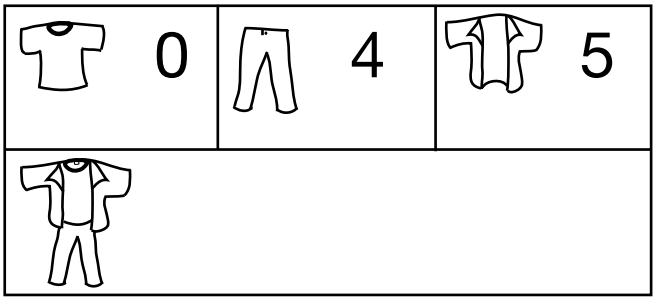

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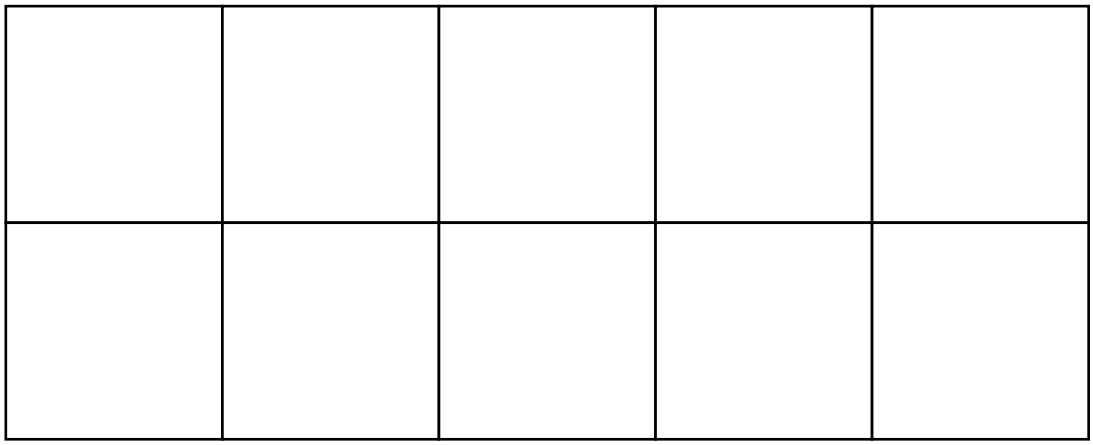
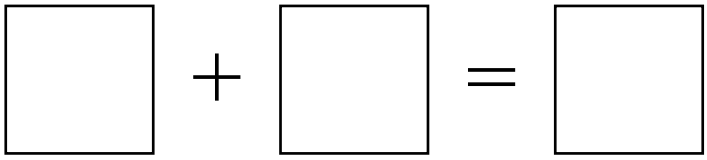
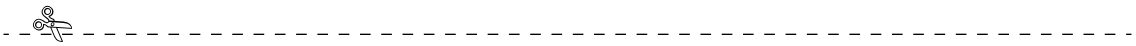
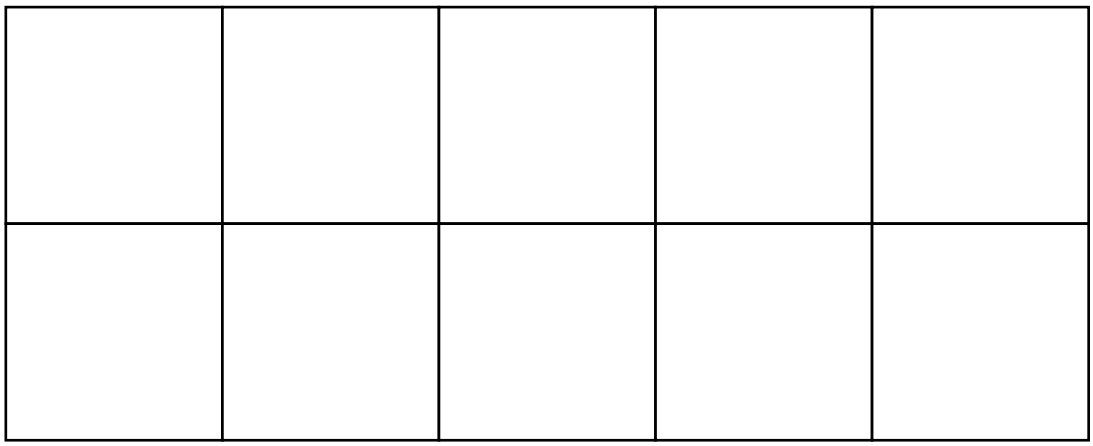
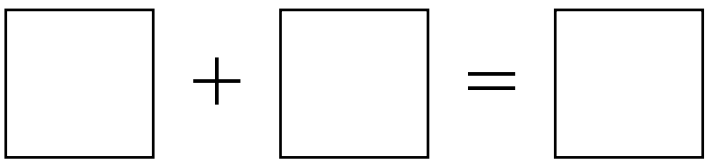
Ten Frames and Number Sentences











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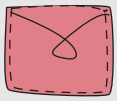
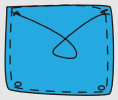
Two Pockets and Ten Pennies Table

		Total Pennies	Number Sentence

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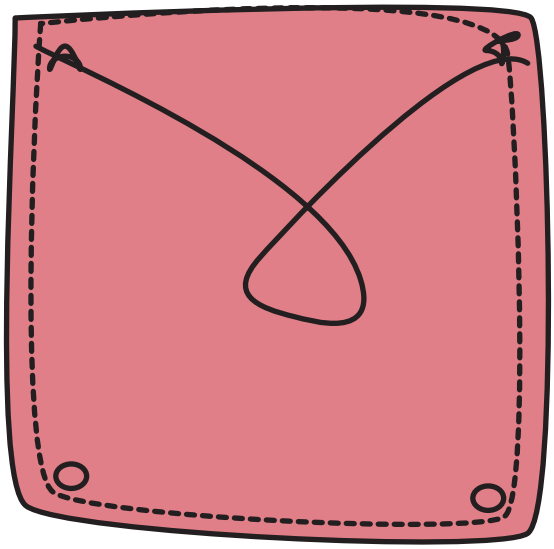
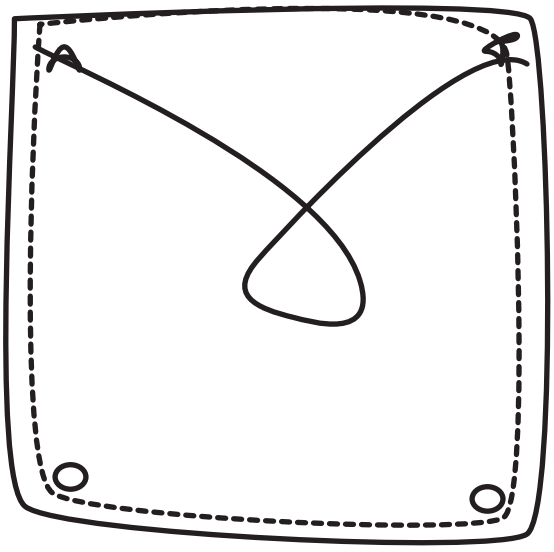
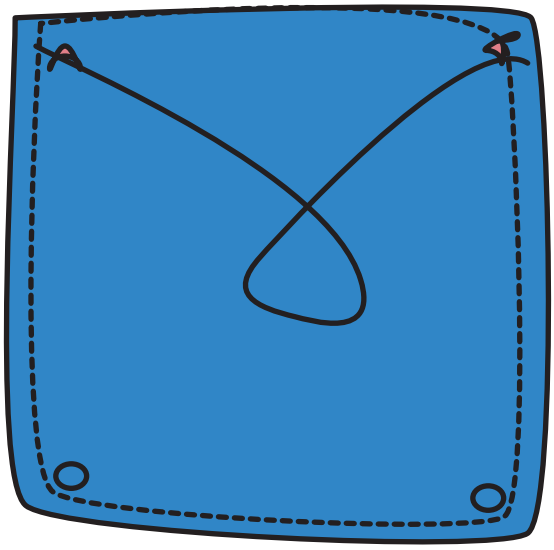
Name _____ Date _____

Three Pockets Work Mat

Place your pennies on the pockets. Record on the data table different ways you can arrange them.







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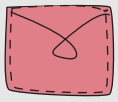
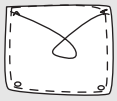
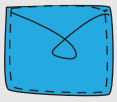
Name _____ Date _____

Three Pockets and Ten Pennies Table

How many ways can you arrange ten pennies in three pockets? Record as many ways as you can. Then write a number sentence for each one.

			Total Pennies	Number Sentence
1	2	7	10	1 + 2 + 7 = 10

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Name _____ Date _____

Eight Pennies Table

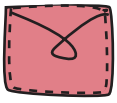
Homework

Dear Family Member:

Your child will need eight pennies for this assignment. He or she should divide the pennies in different combinations between two pockets. The total should equal eight for each problem. Please help your child complete the data table.

Thank you.

How many ways can you arrange eight pennies in two pockets? Record as many ways as you can. Then write a number sentence for each one.

		Total Pennies	Number Sentence
0	8	8	0 + 8 = 8

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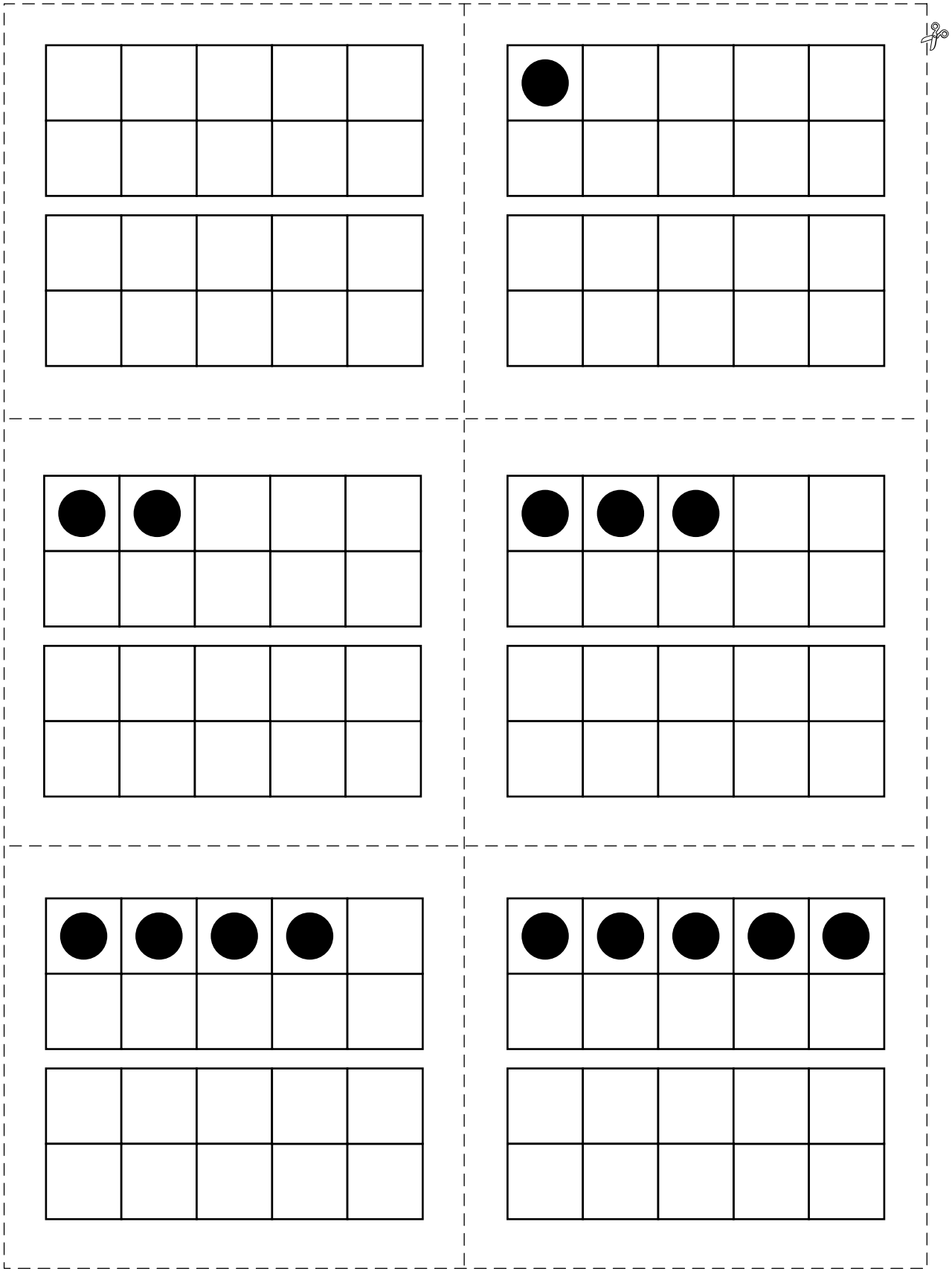
0–20 Small Ten Frames Cards



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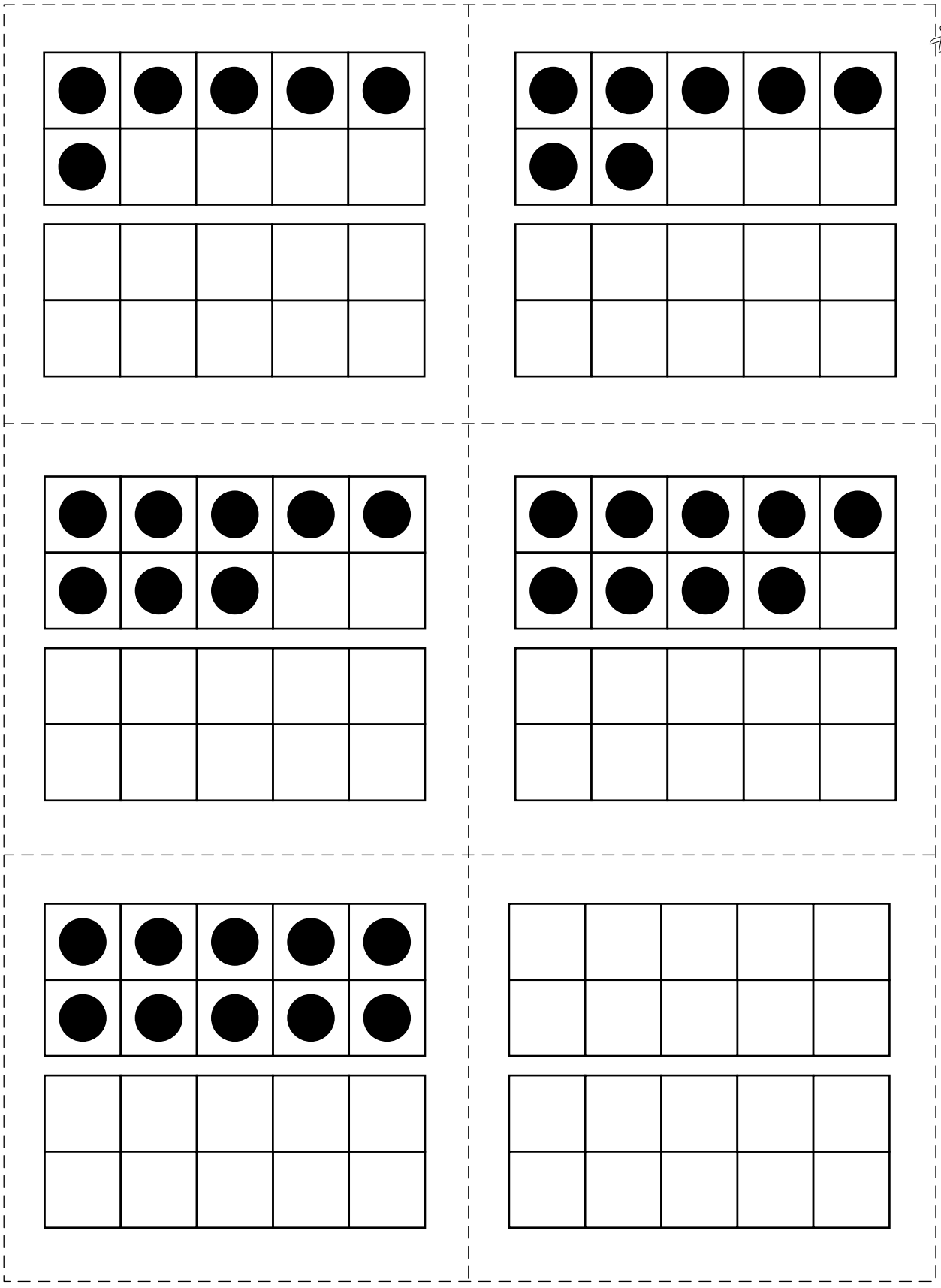

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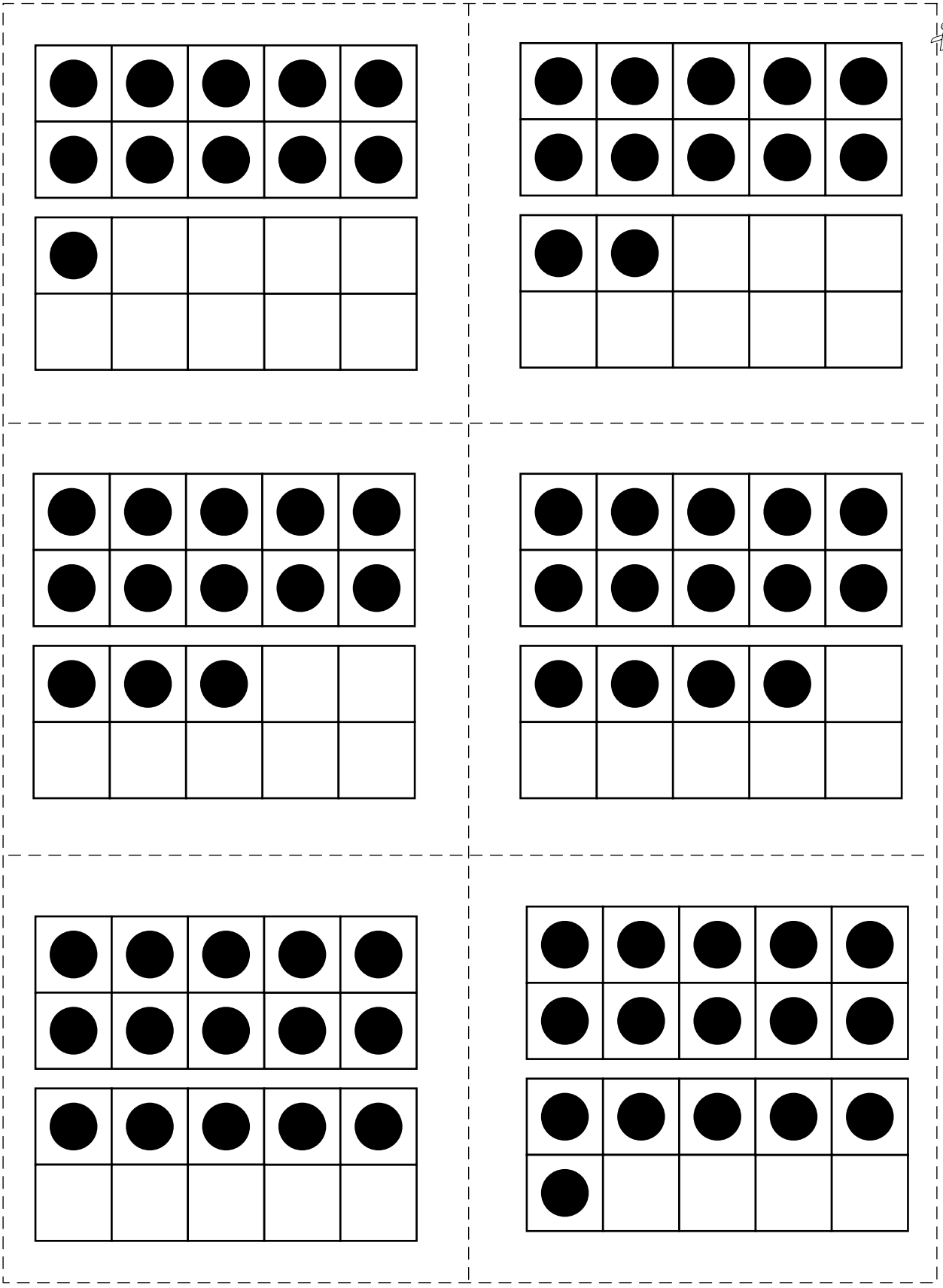

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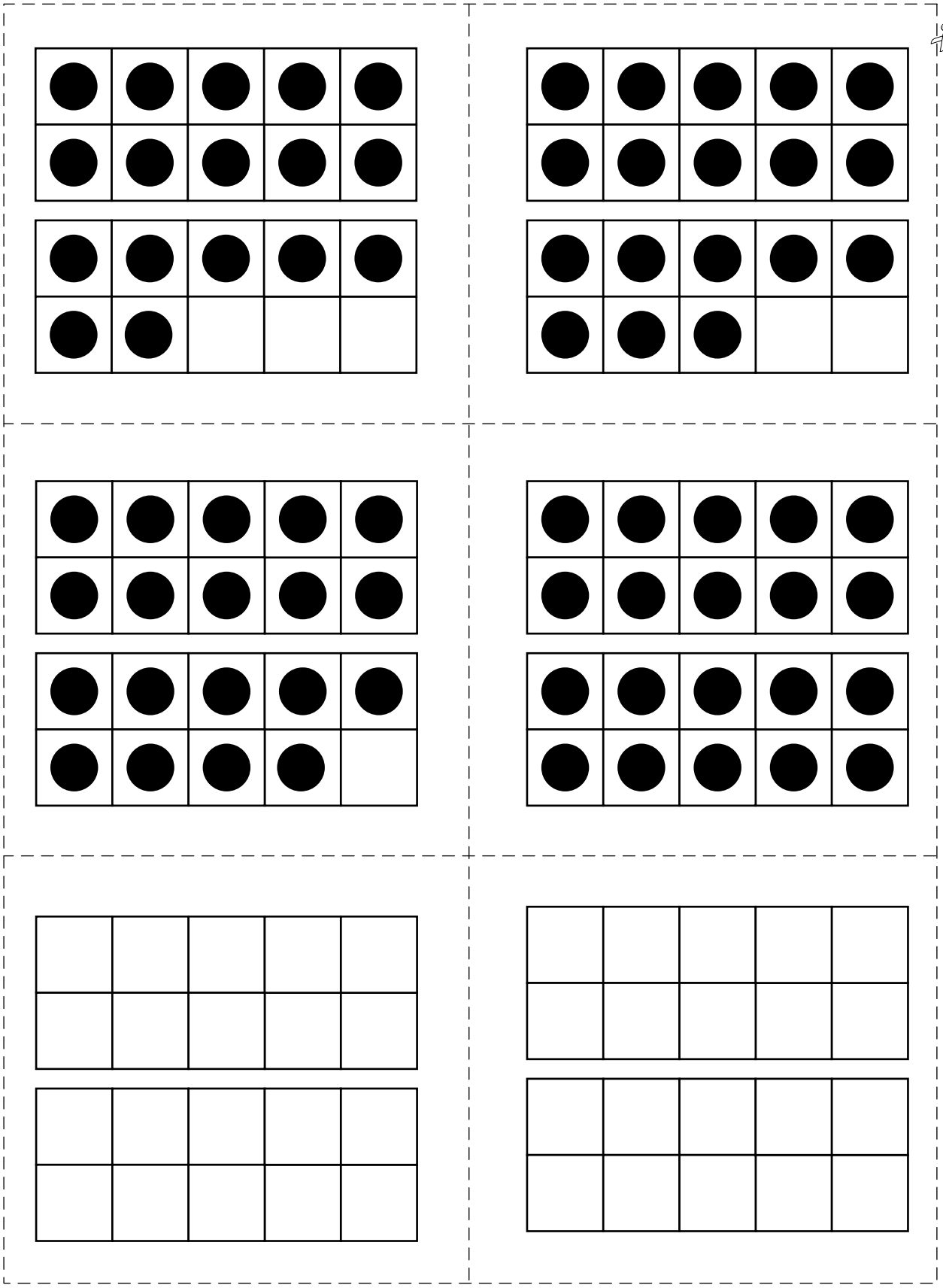

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Name _____ Date _____

More Ten Frames, Number Lines, and Tallies

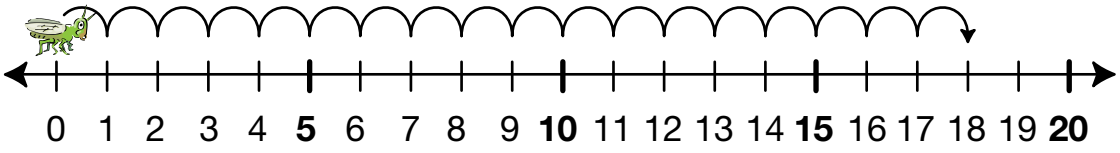
Homework

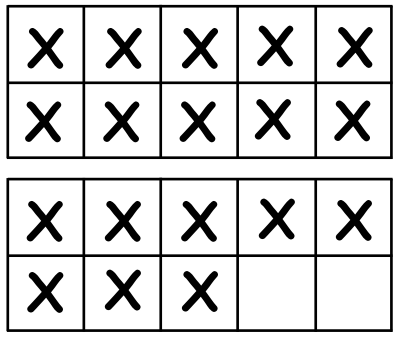
Dear Family Member:

Your child is using ten frames to represent numbers. Ten frames, a number line, and tallies show 18 in the box below. Each row of a ten frame is filled in completely before the next row is used. Thank you.

Show the number of hops on the number line three other ways.

Ways to show 18

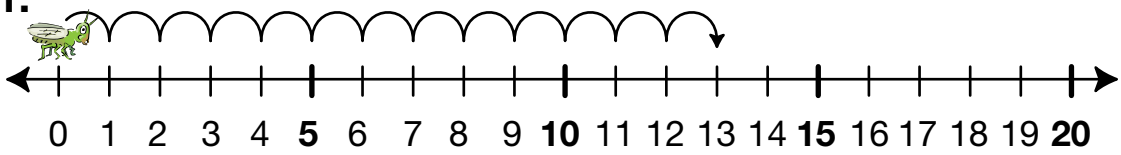


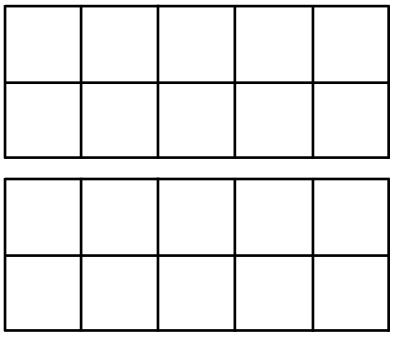


Tallies

18

1.





Tallies

_____

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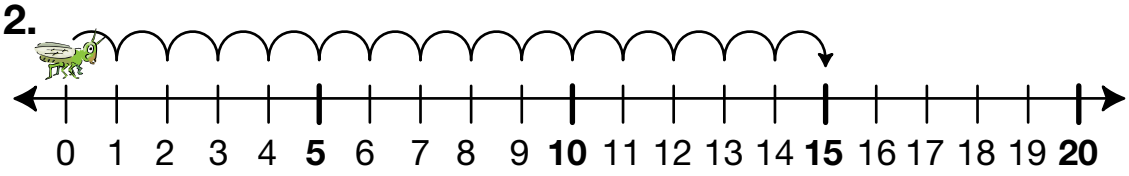
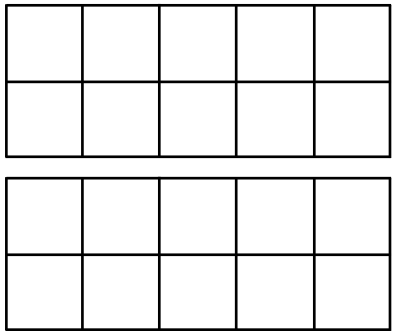
2.





Tallies

_____

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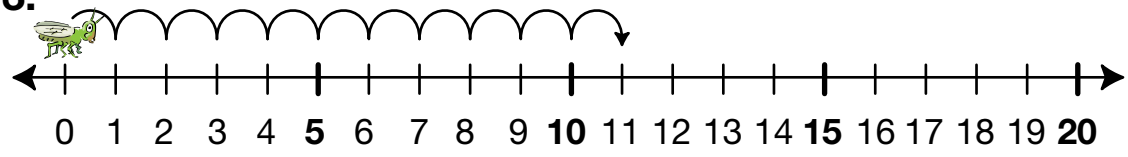

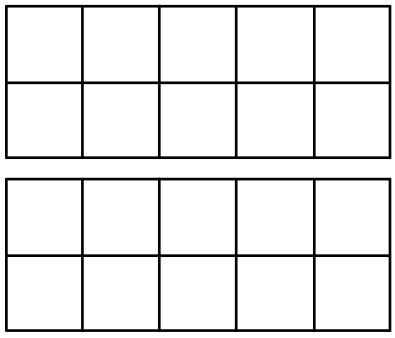

Tallies

_____

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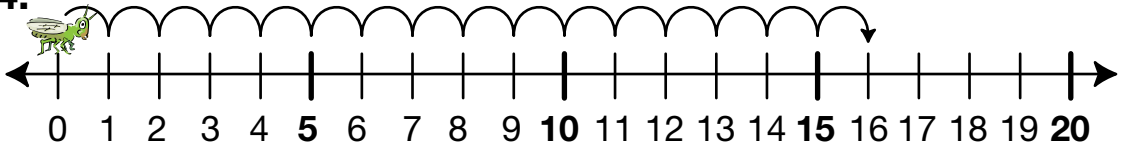

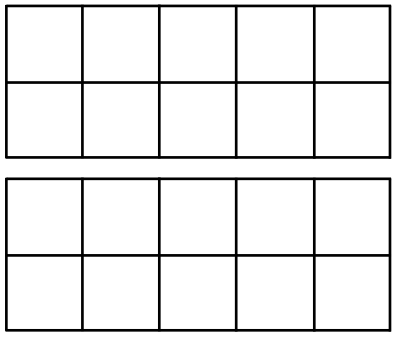

Tallies

_____

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Number Book:
Many Ways to Show a Number 11–20

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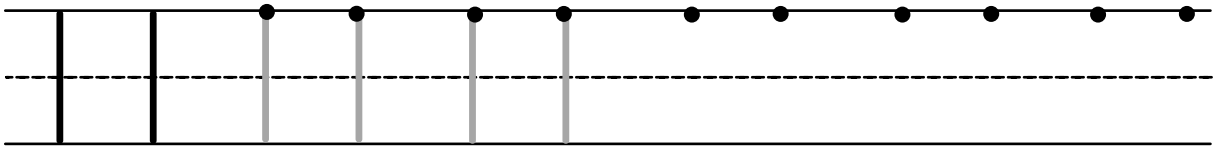
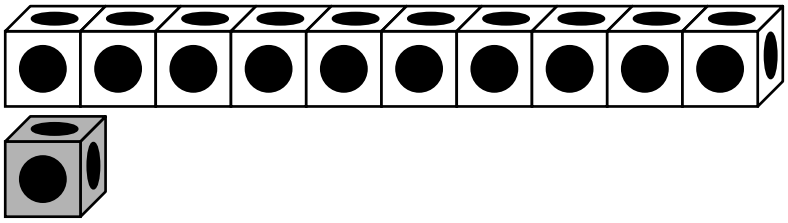
Many Ways to Show 11



_____ Cubes



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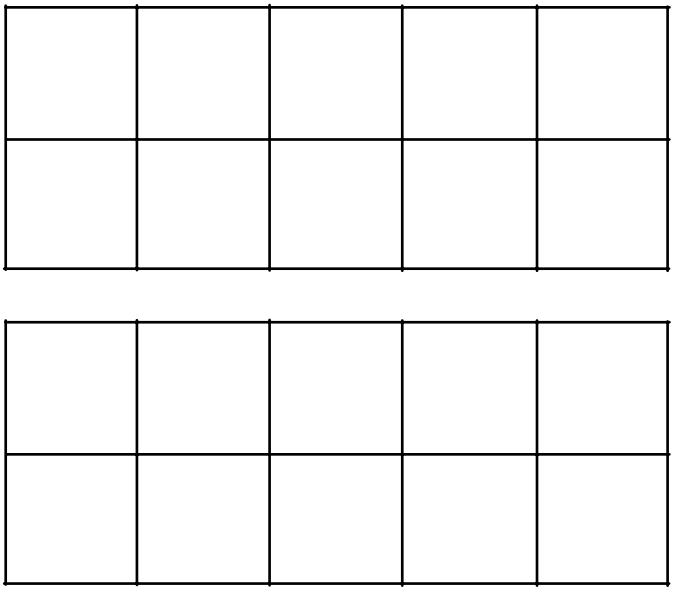

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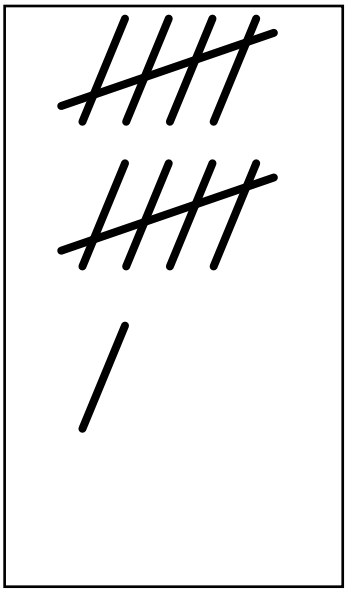
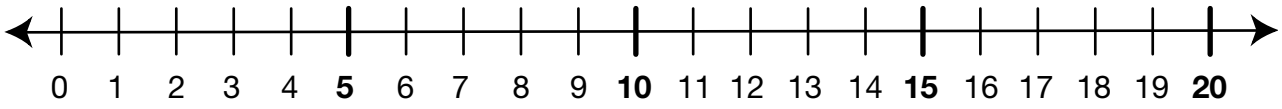


Number line _____



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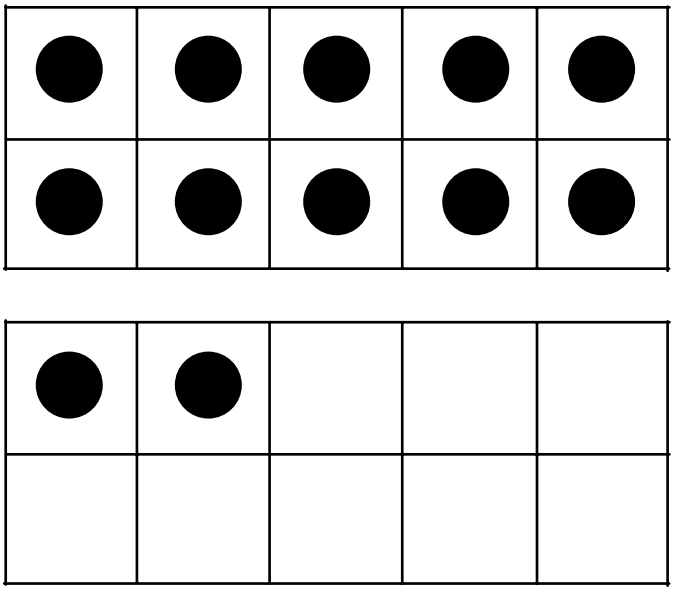
Many Ways to Show 12

12 12 12

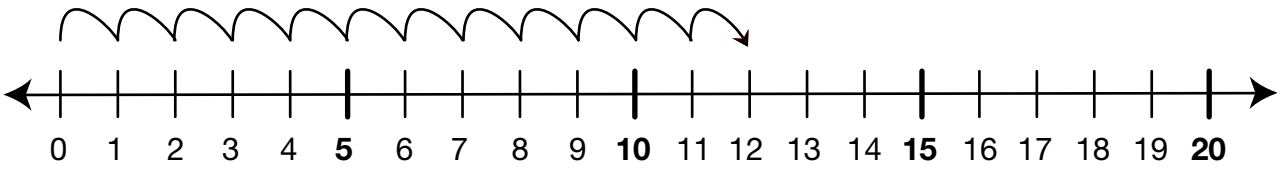
_____ **Cubes**

Ten Frame _____



_____ **Tallies**

Number line _____



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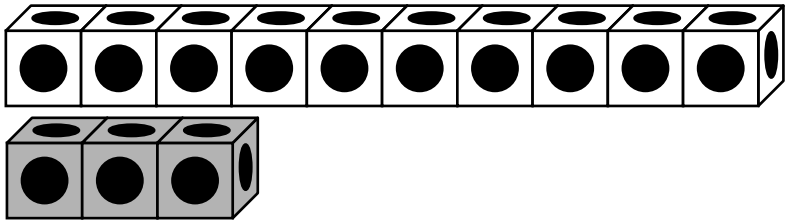
Many Ways to Show 13

13 13 13

_____ **Cubes**



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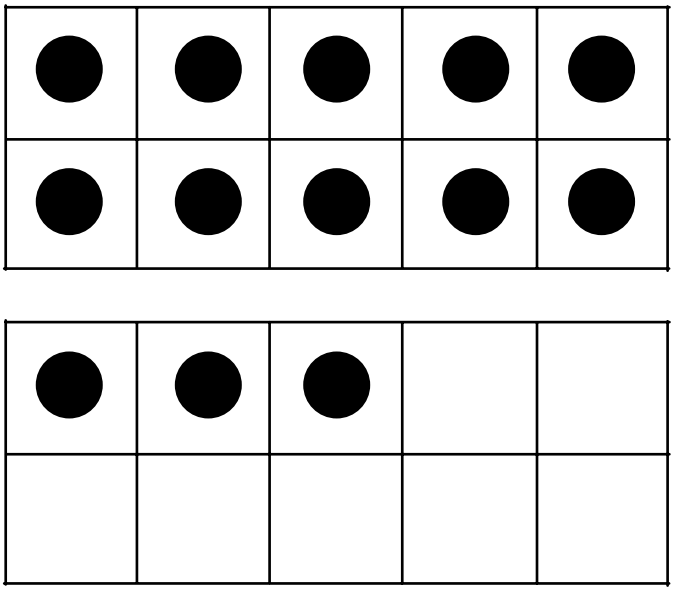

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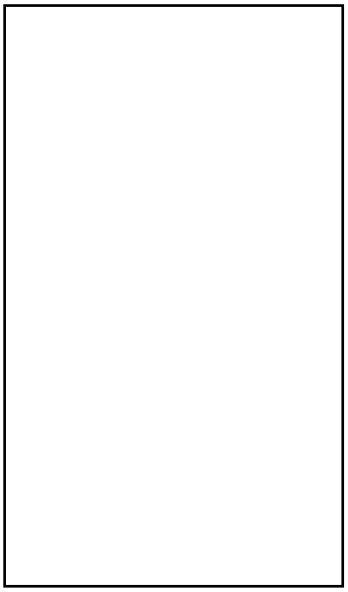

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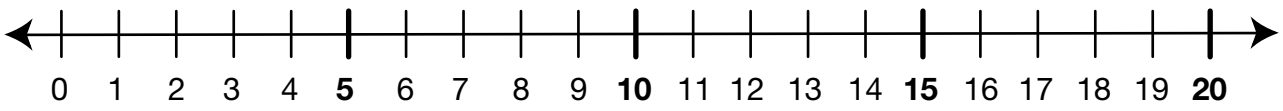

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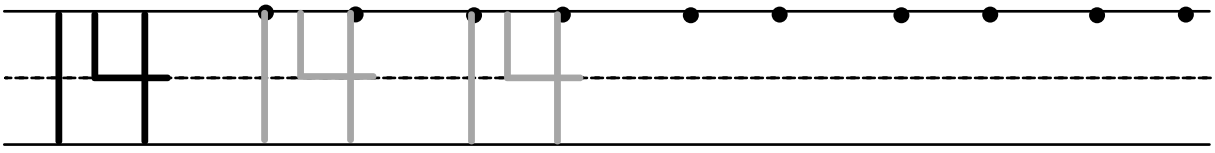
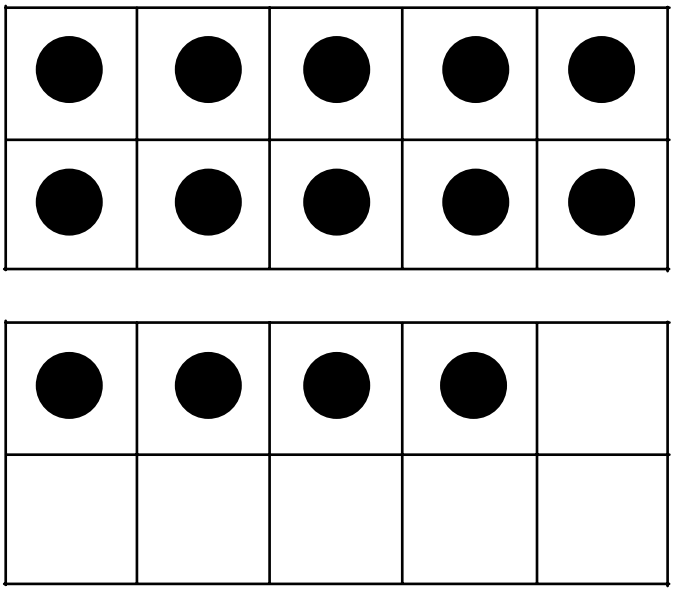
Many Ways to Show 14



_____ **Cubes**

Ten Frame _____



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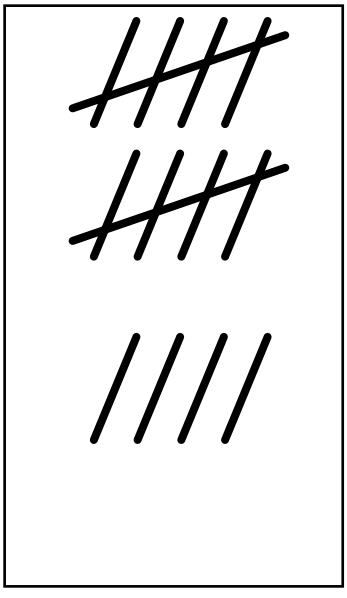
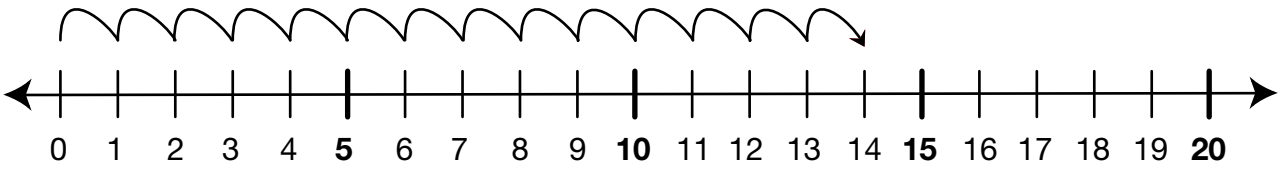


Number line _____



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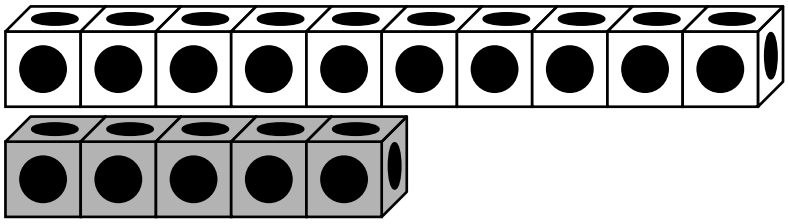
Many Ways to Show 15

15 15 15

_____ Cubes



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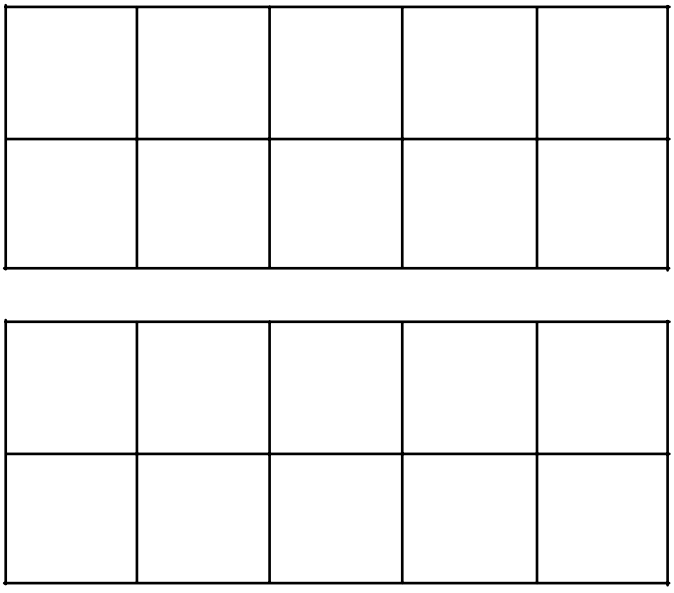
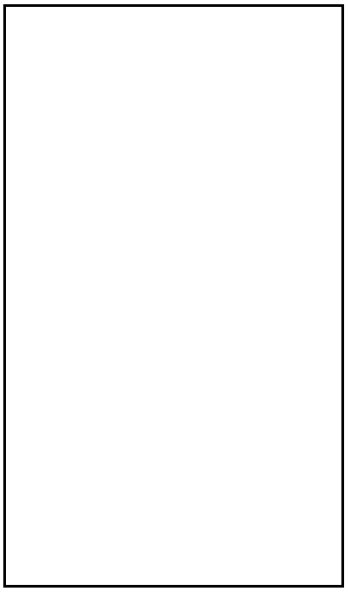
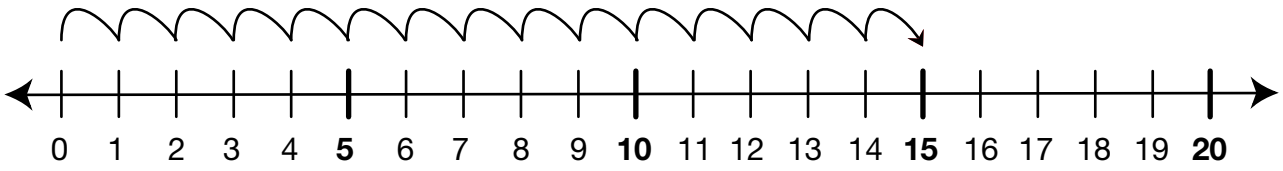


_____ Tallies



Number line _____



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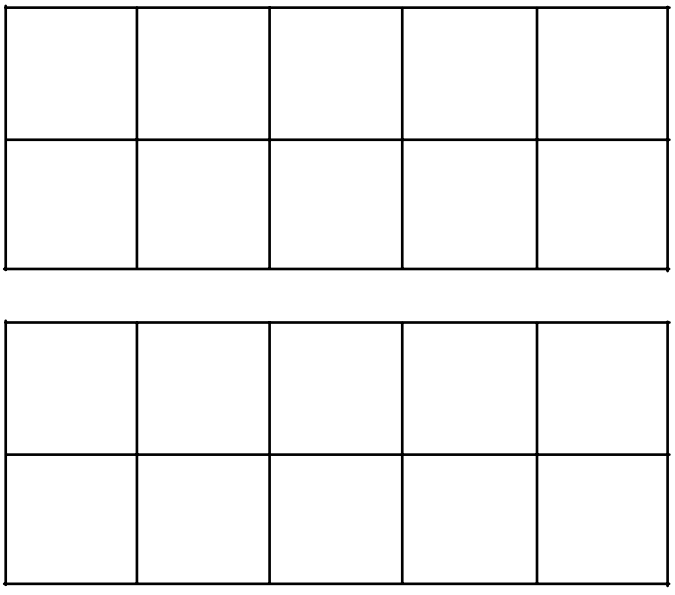
Many Ways to Show 16

16 16 16

_____ **Cubes**

Ten Frame _____



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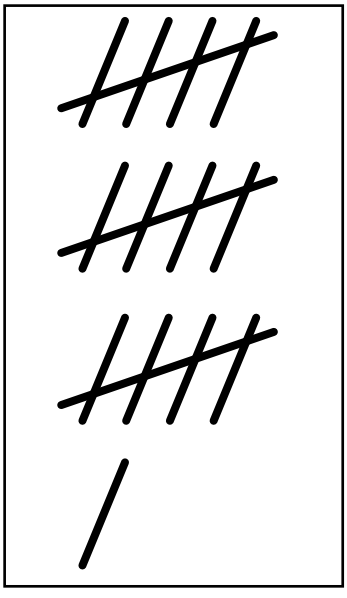

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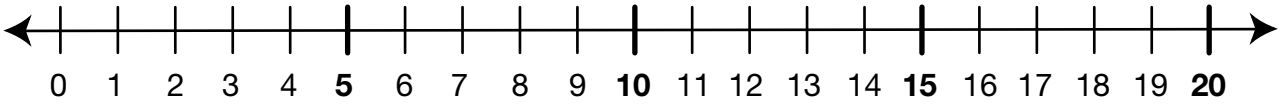

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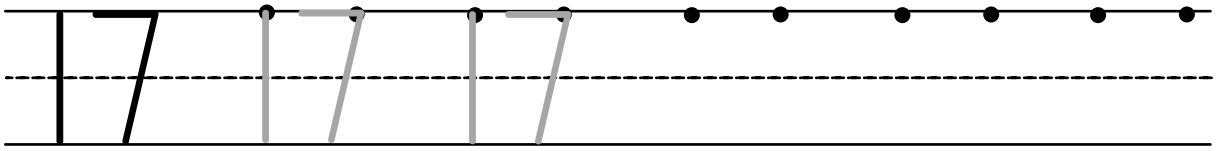
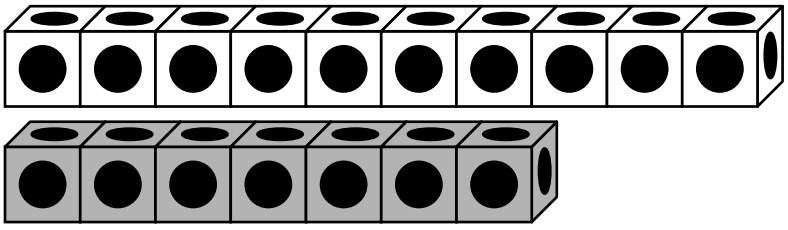
Many Ways to Show 17



_____ Cubes



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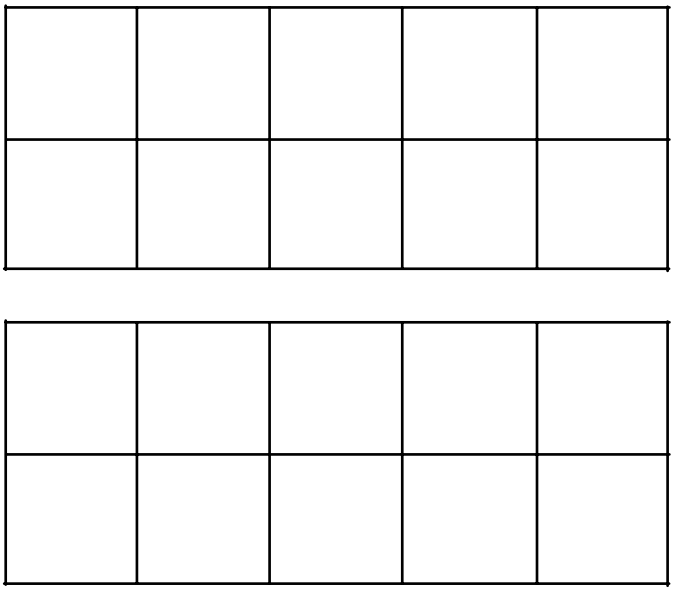

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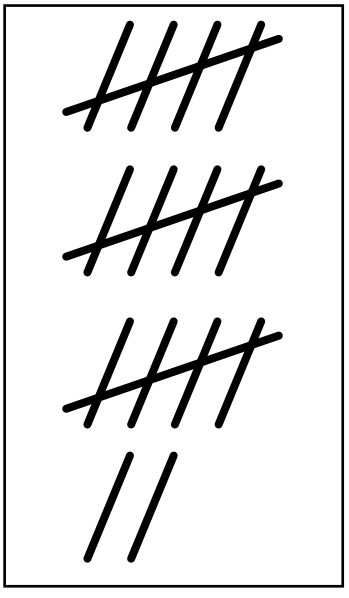

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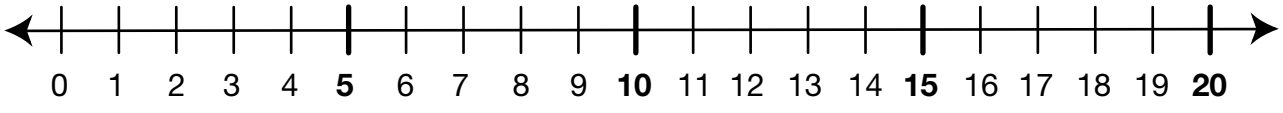

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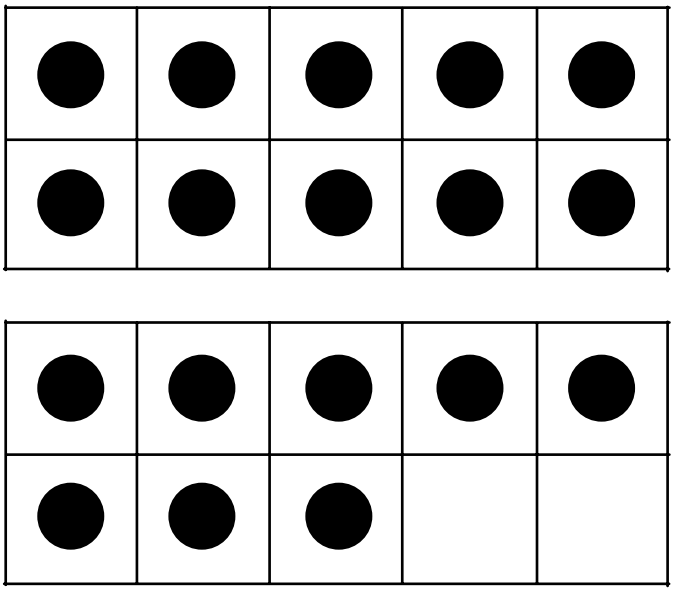
Many Ways to Show 18

18 18 18

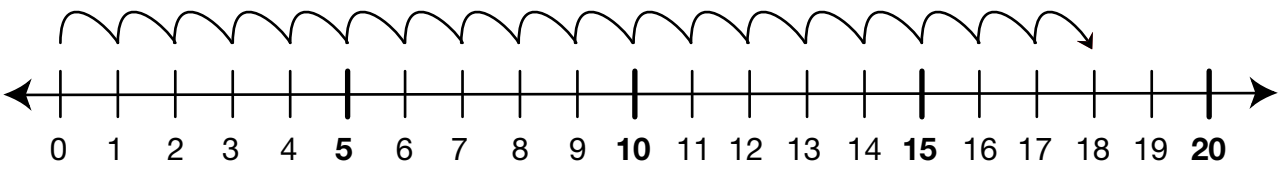
_____ **Cubes**

Ten Frame _____



_____ **Tallies**

Number line _____



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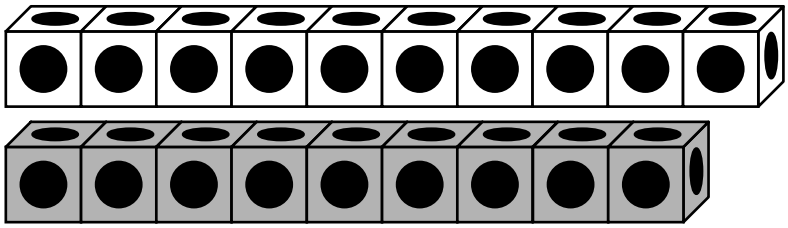
Many Ways to Show 19

19 19 19

_____ **Cubes**



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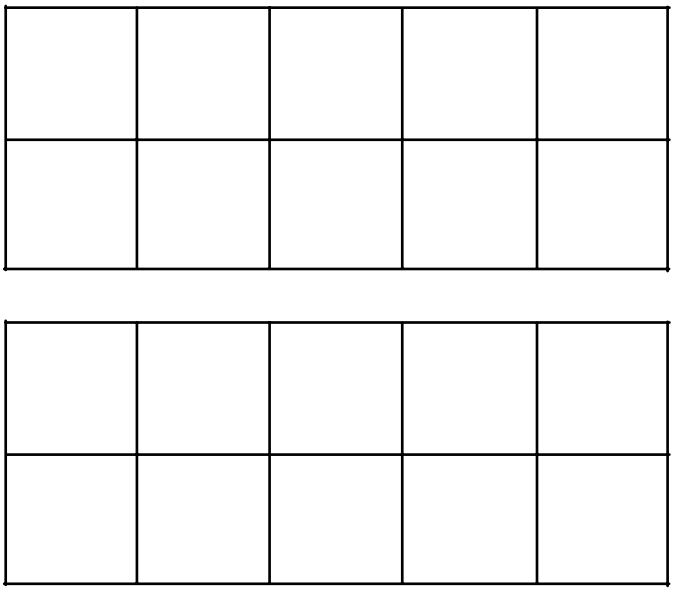

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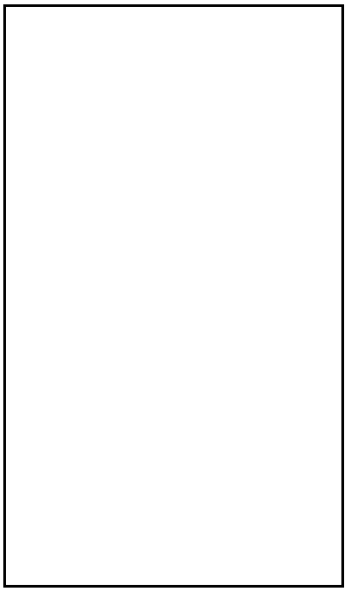

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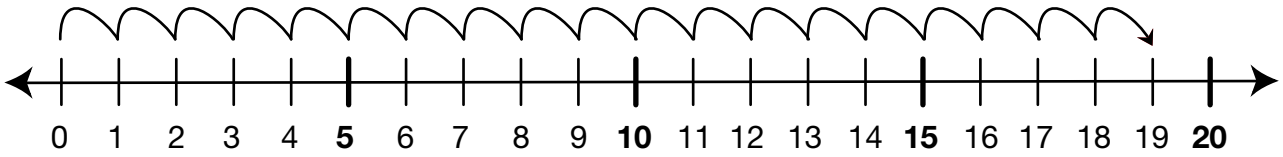

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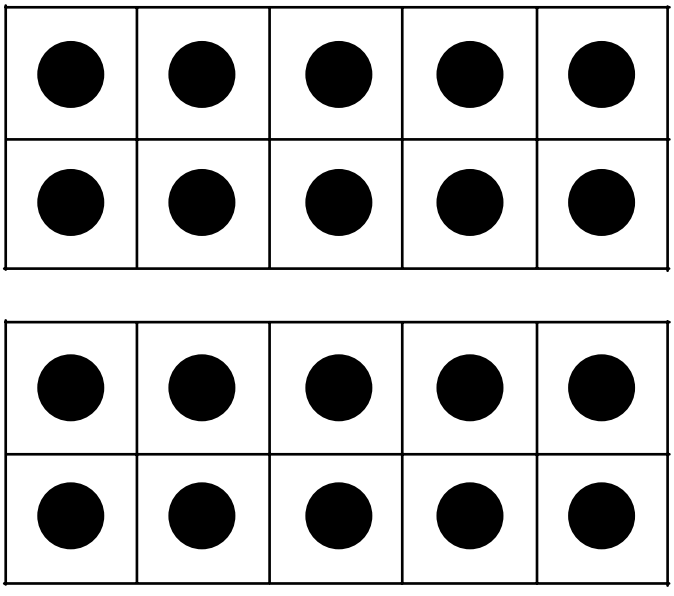
Many Ways to Show 20

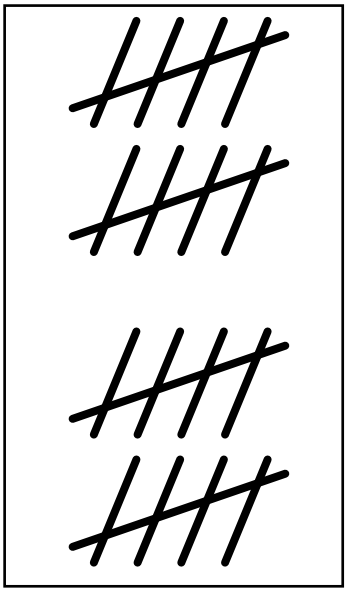
20 20 20

_____ **Cubes**

Ten Frame _____



_____ **Tallies**



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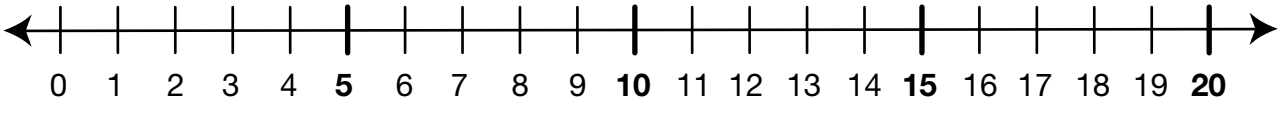

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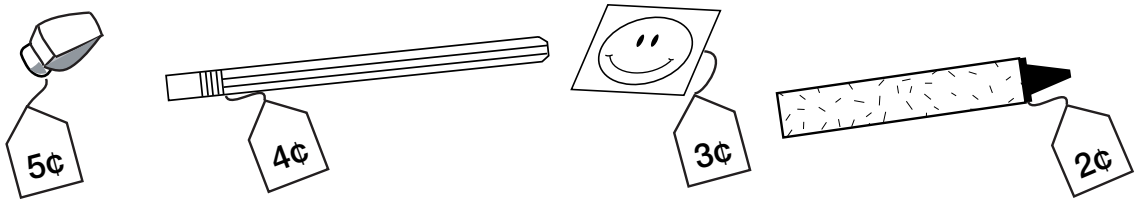
What Would I Buy?

Homework

Dear Family Member:

Look at the items below with your child. Ask him or her to read the price for each item. Help your child with the reading of each question. Give your child pennies to help him or her decide which items to circle. To answer Question 1B, your child could draw a picture, use pennies on a ten frame, use tallies, or write a number sentence (for example, 5¢ + 3¢ = 8¢). A ten frame is on the back of this page. Thank you for your help.

Look at the items below.



1. A. Circle the items you would buy if you had ten pennies. (If you want two of the same item, make two circles around it.)

B. How much would you pay for all the items you circled? Show how you found your answer.

C. Would you have any pennies left over? How many?

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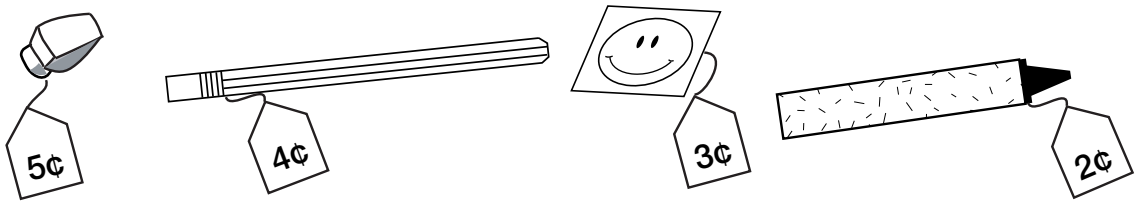

2. Jerome bought a notebook for 10¢. He also bought a pencil. How much did he pay? Write a number sentence.

3. Tanya wants an eraser and a crayon. How much does she need? Write a number sentence.

4. Tell a family member a new problem. Solve your problem.

Ten Frame

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