



Version 3

N	ame _							_	Date _		
1.	Circle	e gro	oups of	f 4 hat	S.						
	L			à	$\bigotimes$	& &					
						& &	à	$\bigotimes$			

2. Redraw the smiley faces into 2 equal groups.





Name	Date
1. Draw 1 more equal group.	
++ _	+ =
4 groups of	. =

2. Draw 2 groups of 3 stars. Then, write a repeated addition equation to match.



Date	

Write a repeated addition equation to match the picture. Then, group the addends into pairs to show a more efficient way to add.





Date
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Draw a tape diagram to find the total.

2. 3 groups of 3

3. 2 + 2 + 2 + 2 + 2



Name Date
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1. Circle groups of three. Redraw the groups of three as rows and then as columns.



2. Complete the array by drawing more triangles. The array should have 12 triangles in all.





Name	Date
Use the array to answer the questions below.	
	$\star \star \star \star$
a rows of =	$\star \star \star \star$
b columns of =	$\star \star \star \star$
C + + + =	
d. Add 1 more row. How many stars are there r	now?

e. Add 1 more column to the new array you made in (d). How many stars are there now?



Name	Date _	

Use horizontal or vertical lines to separate the rows or columns.

1. Draw an array of X's with 3 rows of 5.

\_\_\_\_\_+ \_\_\_\_\_ = \_\_\_\_\_

3	rows	of	5	=	
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2. Draw an array of X's with 1 more row than the above array. Write a repeated addition equation to find the total number of X's.



Name	Date
1. Use the array of squares	s to answer the questions below.
	a. There are squares in one row.
	b. There are squares in one column.
	C + + =
	d. 3 columns of = rows of = total

2. a. Draw an array with 10 squares that has 5 squares in each column.

b. Write a repeated addition equation to match the array.



Name \_\_\_\_\_ Date \_\_\_\_\_

Draw a tape diagram or an array for each word problem. Then, write a repeated addition equation to match.

1. Joshua cleans 3 cars every hour at work. He worked 4 hours on Saturday. How many cars did Joshua clean on Saturday?

2. Olivia put 5 stickers on each page in her sticker album. She filled 5 pages with stickers. How many stickers did Olivia use?



Name\_\_\_\_\_

Date \_\_\_\_\_

On this sheet, use your square tiles to construct the following arrays with no gaps or overlaps on this sheet. Write a repeated addition equation to match your construction.

1. a. Construct a rectangle with 2 rows of 5 tiles.

b. Write the repeated addition equation.

2. a. Construct a rectangle with 5 columns of 2 tiles.

b. Write the repeated addition equation.



Name \_\_\_\_\_

Date \_\_\_\_\_

- a. Construct an array with 12 square tiles.
- b. Write a repeated addition equation to match the array.



Name \_\_\_\_\_ Date \_\_\_\_\_

Draw an array of 3 columns of 3 starting with the square below without gaps or overlaps.





Date \_\_\_\_\_

Use your square tiles to complete the steps for each problem.

Step 1: Construct a rectangle with 3 columns of 4.

Step 2: Separate 2 columns of 4.

Step 3: Write a number bond to show the whole and two parts. Write a repeated addition sentence to match each part of the number bond.



Name Date	
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With your tiles, show 1 rectangle with 12 squares. Complete the sentences below.

I see \_\_\_\_\_ rows of \_\_\_\_.

In the exact same rectangle, I see \_\_\_\_\_ columns of \_\_\_\_\_.



Lesson 14: Use scissors to partition a rectangle into same-size squares, and compose arrays with the squares.

Name \_\_\_\_\_

Date \_\_\_\_\_

Shade in an array with 3 rows of 5.

Write a repeated addition equation for the array.



Lesson 15: Use math drawings to partition a rectangle with square tiles, and relate to repeated addition.

Date\_\_\_\_

Use your square tiles and grid paper to complete the following.

- a. Create a design with the paper tiles you used in the lesson.
- b. Shade in your design on the grid paper.



Name	Date

Draw an array for each set. Complete the sentences.

a. 2 rows of 5

2 rows of 5 = \_\_\_\_\_

\_\_\_\_\_ + \_\_\_\_\_ = \_\_\_\_\_

Circle one: 5 doubled is even/not even.

b. 2 rows of 3

2 rows of 3 = \_\_\_\_\_

\_\_\_\_\_ + \_\_\_\_\_ = \_\_\_\_\_

Circle one: 3 doubled is even/not even.



1te	
ual rows.	
2.	
dats	
dors.	
-	



Name \_\_\_\_\_ Date \_\_\_\_

Are the **bold** numbers even or odd? Circle the answer, and explain how you know.

α.	Explanation:
18 even/odd	
b.	Explanation:
23	
even/odd	



Name \_\_\_\_\_

Date \_\_\_\_\_

Use the objects to create an array.

000	Array	Redraw your picture with 1 <i>less</i> circle.
000		
0 0	There are an even/odd (circle one) number of circles.	There are an even/odd (circle one) number of circles.

