



Name \_\_\_\_\_

30

## 2<sup>nd</sup> Grade Math Remote Learning Packet

### Week 30



Dear Educator,

My signature is proof that I have reviewed my scholar's work and supported him to the best of my ability to complete all assignments.

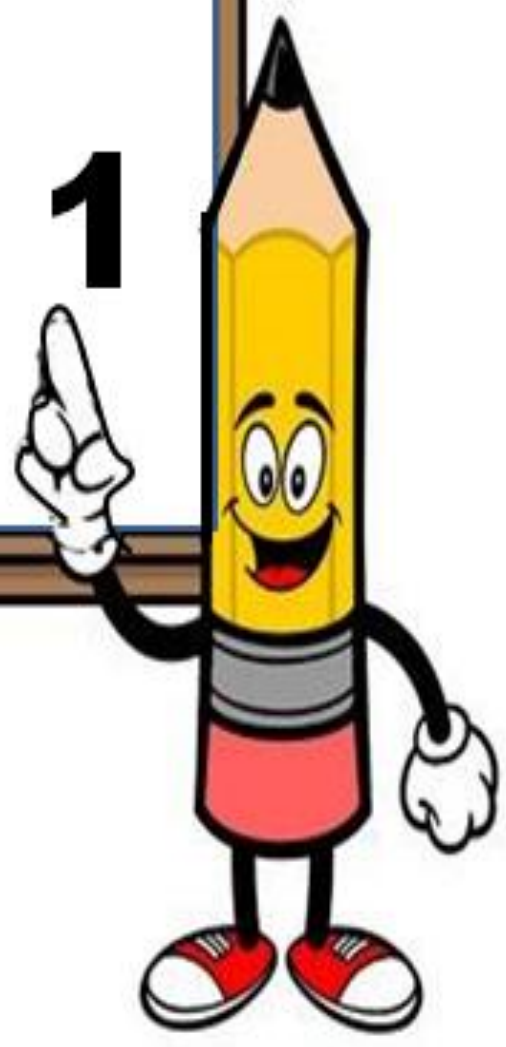
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(Parent Signature)

\_\_\_\_\_  
(Date)

Parents please note that all academic packets are also available on our website at [www.brighterchoice.org](http://www.brighterchoice.org) under the heading "Remote Learning." All academic packet assignments are mandatory and must be completed by all scholars.



**Day # 1**





Name: \_\_\_\_\_ Week 30 Day 1 Date: \_\_\_\_\_

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### Module 6 Lesson 9 Problem Set

Draw a tape diagram for each word problem. Write a repeated addition equation to match each tape diagram.

5. Each of Maria's 4 friends has 5 markers. How many markers do Maria's friends have in all?

6. Maria also has 5 markers. How many markers do Maria and her friends have in all?

Draw a tape diagram and an array. Then, write a repeated addition equation to match.

7. In a card game, 3 players get 4 cards each. One more player joins the game. How many total cards should be dealt now?





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### Module 6 Lesson 9 Homework

4. The library books were on the shelf in 4 stacks of 4. How many books were on the shelf?

Draw a tape diagram for each word problem. Write a repeated addition equation to match each tape diagram.

5. Mary placed stickers in columns of 4. She made 5 columns. How many stickers did she use?

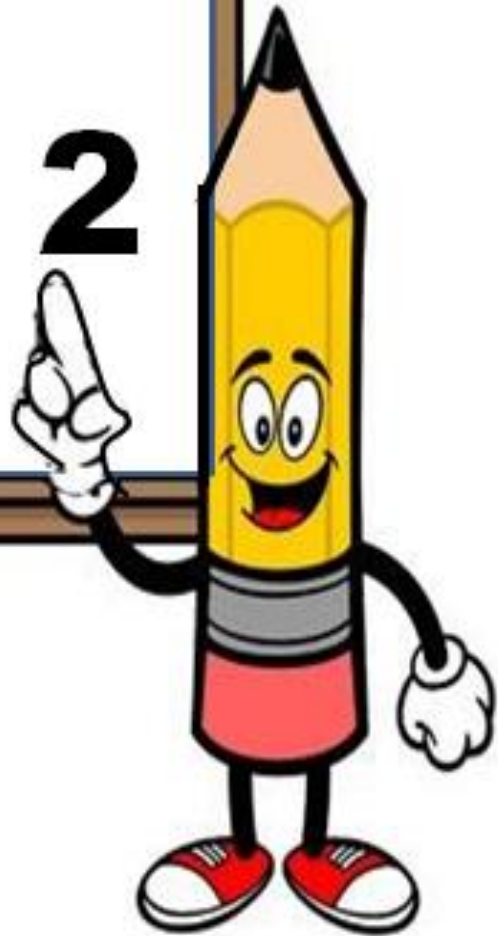
6. Jayden put his baseball cards into 5 columns of 3 in his book. How many cards did Jayden put in his book?

Draw a tape diagram and an array. Then, write a repeated addition equation to match.

7. The game William bought came with 3 bags of marbles. Each bag had 3 marbles inside. How many total marbles came with the game?



**Day # 2**





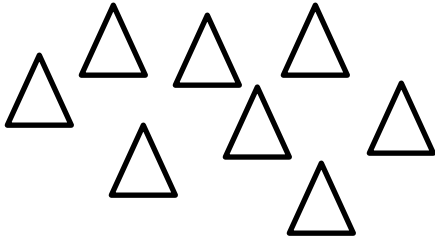
Name: \_\_\_\_\_ Week 30 Day 2 Date: \_\_\_\_\_

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### Module 6 Mid-Module Review

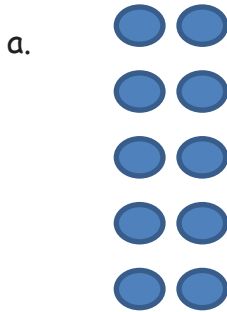
1. Circle groups of four. Then, draw the triangles into 2 equal rows.



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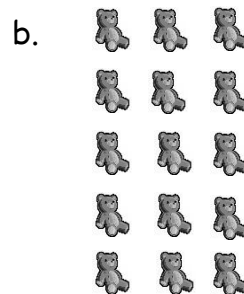
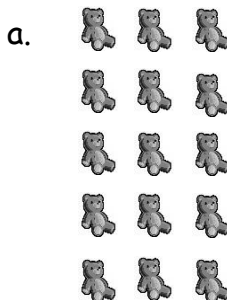
2. Count the objects in the arrays from left to right by rows and by columns. As you count, circle the rows and then the columns.



3. Complete each missing part describing each array.

Circle rows.

Circle columns.



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

3 columns of \_\_\_\_\_ = \_\_\_\_\_

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

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

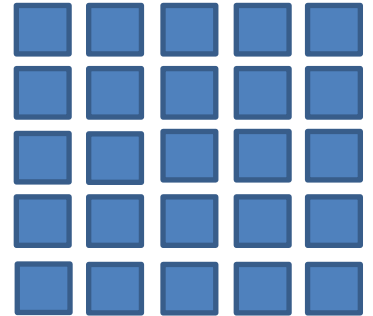
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### Module 6 Mid Module Review

4. Use the array of squares to answer the questions below.



a. \_\_\_\_\_ + \_\_\_\_\_ + \_\_\_\_\_ + \_\_\_\_\_ + \_\_\_\_\_ = \_\_\_\_\_

b. \_\_\_\_\_ rows of \_\_\_\_\_ = \_\_\_\_\_

c. \_\_\_\_\_ columns of \_\_\_\_\_ = \_\_\_\_\_

d. Remove 1 row. How many squares are there now? \_\_\_\_\_

e. Remove 1 column from the new array you made in 3(d). How many squares are there now? \_\_\_\_\_

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

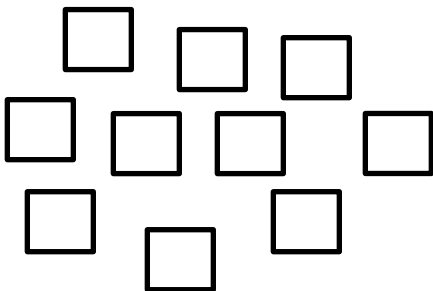
5. Draw an array of X's with 3 rows of 5.

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

3 rows of 5 = \_\_\_\_\_

6. 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.

7. Create an array with the squares.



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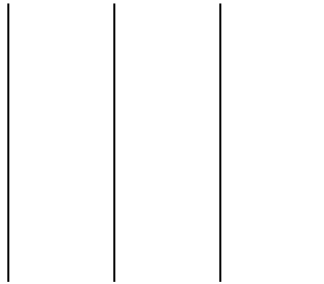
Name: \_\_\_\_\_ Week 30 Day 2 Date: \_\_\_\_\_

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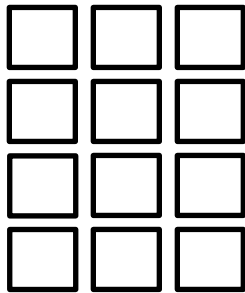
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Module 6 Mid Module Review

8. Create an array with the squares from the set above.



9. Use the array of squares 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

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

Write a repeated addition equation to match the array.

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### Module 6 Review Homework

## Multiplication with Arrays

When you multiply, think of the multiplication symbol as having the meaning "rows of."

The fact  $3 \times 6$  would actually mean "3 rows of 6."

To solve this fact, draw 3 rows of 6 symbols.

x x x x x x	
x x x x x x	3 rows of 6 symbols equals 18 symbols.
x x x x x x	$3 \times 6 = 18$

Symbols arranged in neat rows and columns are called arrays.

Look at each array. Count the symbols in each row and column carefully. Write the multiplication fact for each.

1. 

○ ○ ○ ○ ○ ○ ○ ○ ○ ○	_____ rows of _____ equals _____
○ ○ ○ ○ ○ ○ ○ ○ ○ ○	
○ ○ ○ ○ ○ ○ ○ ○ ○ ○	
○ ○ ○ ○ ○ ○ ○ ○ ○ ○	_____ x _____ = _____

2. 

	_____ rows of _____ equals _____
	_____ x _____ = _____

3. 

◆ ◆ ◆ ◆	_____ rows of _____ equals _____
◆ ◆ ◆ ◆	
◆ ◆ ◆ ◆	
◆ ◆ ◆ ◆	_____ x _____ = _____

**Now try this:** On the back of this paper, draw an array for each of these facts:

$7 \times 4$

$8 \times 3$

$9 \times 6$

$3 \times 7$

$8 \times 5$



# Mid-Module 6 Assessment

Name: \_\_\_\_\_ Week 30 Day 3 Date: \_\_\_\_\_

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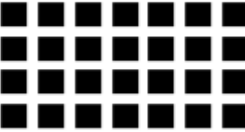
Module 6 Review Homework

# Fact Family Arrays

Write a fact family shown by each array.

**example**


$$\begin{array}{r} 3 \times 5 = 15 \\ \hline 5 \times 3 = 15 \\ \hline 15 \div 3 = 5 \\ \hline 15 \div 5 = 3 \end{array}$$

a. 

\_\_\_\_\_

\_\_\_\_\_


\_\_\_\_\_

b. 

\_\_\_\_\_

\_\_\_\_\_


\_\_\_\_\_

c. 

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

d. 

\_\_\_\_\_

\_\_\_\_\_


\_\_\_\_\_

e. 

\_\_\_\_\_

\_\_\_\_\_


\_\_\_\_\_

f. 

\_\_\_\_\_

\_\_\_\_\_

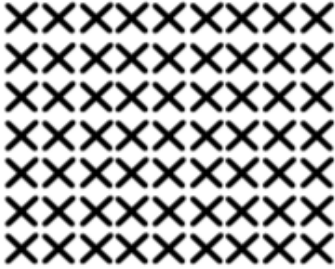
\_\_\_\_\_

g. 

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

h. 

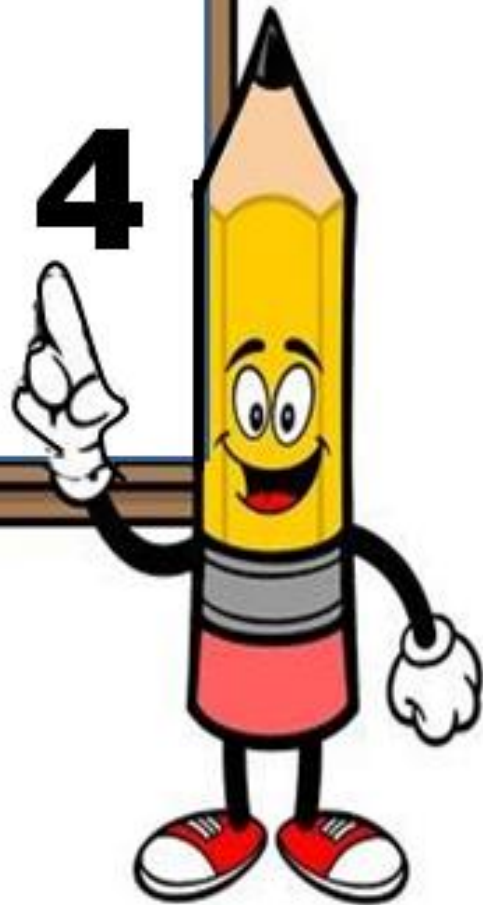
\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



**Day # 4**



Name: \_\_\_\_\_ Week 30 Day 4 Date: \_\_\_\_\_

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### Module 6 Lesson 10 Sprint

## B

Number Correct: \_\_\_\_\_

Sums to the Teens

Improvement: \_\_\_\_\_

1.	$8 + 2 =$	
2.	$8 + 3 =$	
3.	$8 + 4 =$	
4.	$8 + 8 =$	
5.	$9 + 1 =$	
6.	$9 + 2 =$	
7.	$9 + 3 =$	
8.	$9 + 8 =$	
9.	$8 + 2 =$	
10.	$8 + 5 =$	
11.	$8 + 6 =$	
12.	$8 + 9 =$	
13.	$9 + 1 =$	
14.	$9 + 4 =$	
15.	$9 + 5 =$	
16.	$9 + 9 =$	
17.	$9 + 1 =$	
18.	$9 + 7 =$	
19.	$8 + 2 =$	
20.	$8 + 7 =$	
21.	$9 + 1 =$	
22.	$9 + 6 =$	

23.	$7 + 3 =$	
24.	$7 + 4 =$	
25.	$7 + 5 =$	
26.	$7 + 8 =$	
27.	$6 + 4 =$	
28.	$6 + 5 =$	
29.	$6 + 6 =$	
30.	$6 + 8 =$	
31.	$5 + 5 =$	
32.	$5 + 6 =$	
33.	$5 + 7 =$	
34.	$5 + 8 =$	
35.	$4 + 6 =$	
36.	$4 + 7 =$	
37.	$4 + 8 =$	
38.	$3 + 7 =$	
39.	$3 + 9 =$	
40.	$5 + 9 =$	
41.	$2 + 8 =$	
42.	$4 + 9 =$	
43.	$1 + 9 =$	
44.	$2 + 9 =$	



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### Module 6 Lesson 10 Problem Set

Use your square tiles to construct the following rectangles with no gaps or overlaps.  
Write a repeated addition equation to match each construction.

1. a. Construct a rectangle with 2 rows of 3 tiles.

\_\_\_\_\_

- b. Construct a rectangle with 2 columns of 3 tiles.

\_\_\_\_\_

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

\_\_\_\_\_

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

\_\_\_\_\_

Name: \_\_\_\_\_ Week 30 Day 4 Date: \_\_\_\_\_

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### Module 6 Lesson 10 Problem Set

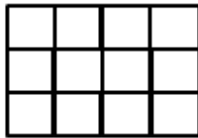
3. a. Construct a rectangle of 9 tiles that has equal rows and columns.

\_\_\_\_\_

- b. Construct a rectangle of 16 tiles that has equal rows and columns.

\_\_\_\_\_

4. a. What shape is the array pictured below? \_\_\_\_\_



- b. Redraw the above shape with one column removed in the space below.

- c. What shape is the array now? \_\_\_\_\_

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### Module 6 Lesson 10 Exit Ticket

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: \_\_\_\_\_ Week 30 Day 4 Date: \_\_\_\_\_

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### Module 6 Lesson 10 Homework

Cut out the square tiles below, and construct the following arrays with no gaps or overlaps. On the line, write a repeated addition equation to match each construction on the line.

1. a. Construct a rectangle with 2 rows of 4 tiles.

\_\_\_\_\_

b. Construct a rectangle with 2 columns of 4 tiles.

\_\_\_\_\_

2. a. Construct a rectangle with 3 rows of 2 tiles.

\_\_\_\_\_

b. Construct a rectangle with 3 columns of 2 tiles.

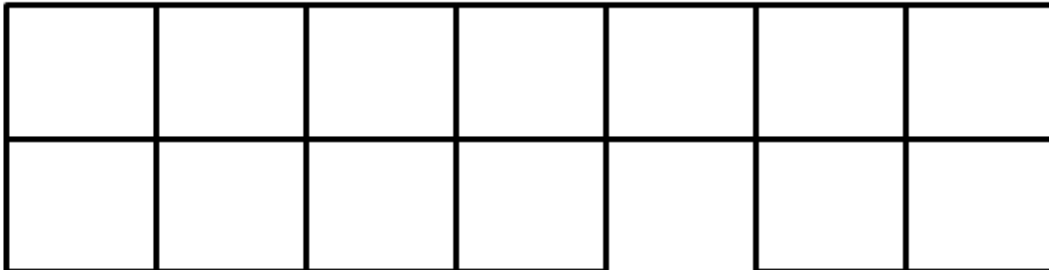
\_\_\_\_\_

3. a. Construct a rectangle using 10 tiles.

\_\_\_\_\_

b. Construct a rectangle using 12 tiles.

\_\_\_\_\_





Name: \_\_\_\_\_ Week 30 Day 5 Date: \_\_\_\_\_

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Module 6 Lesson 11 Sprint

A

Number Correct: \_\_\_\_\_

Subtraction Crossing Ten

1.	$10 - 5 =$	
2.	$20 - 5 =$	
3.	$30 - 5 =$	
4.	$10 - 2 =$	
5.	$20 - 2 =$	
6.	$30 - 2 =$	
7.	$11 - 2 =$	
8.	$21 - 2 =$	
9.	$31 - 2 =$	
10.	$10 - 8 =$	
11.	$11 - 8 =$	
12.	$21 - 8 =$	
13.	$31 - 8 =$	
14.	$14 - 5 =$	
15.	$24 - 5 =$	
16.	$34 - 5 =$	
17.	$15 - 6 =$	
18.	$25 - 6 =$	
19.	$35 - 6 =$	
20.	$10 - 7 =$	
21.	$20 - 8 =$	
22.	$30 - 9 =$	

23.	$14 - 6 =$	
24.	$24 - 6 =$	
25.	$34 - 6 =$	
26.	$15 - 7 =$	
27.	$25 - 7 =$	
28.	$35 - 7 =$	
29.	$11 - 4 =$	
30.	$21 - 4 =$	
31.	$31 - 4 =$	
32.	$12 - 6 =$	
33.	$22 - 6 =$	
34.	$32 - 6 =$	
35.	$21 - 6 =$	
36.	$31 - 6 =$	
37.	$12 - 8 =$	
38.	$32 - 8 =$	
39.	$21 - 8 =$	
40.	$31 - 8 =$	
41.	$28 - 9 =$	
42.	$27 - 8 =$	
43.	$38 - 9 =$	
44.	$37 - 8 =$	

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### Module 6 Lesson 11 Problem Set

Use your square tiles to construct the following arrays with no gaps or overlaps. Write a repeated addition equation to match each construction.

1. a. Place 8 square tiles in a row.

b. Construct an array with the 8 square tiles.

c. Write a repeated addition equation to match the new array.

\_\_\_\_\_

2. a. Construct an array with 12 squares.

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

\_\_\_\_\_

c. Rearrange the 12 squares into a different array.

d. Write a repeated addition equation to match the new array.

\_\_\_\_\_

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### Module 6 Lesson 11 Problem Set

3. a. Construct an array with 20 squares.

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

\_\_\_\_\_

c. Rearrange the 20 squares into a different array.

d. Write a repeated addition equation to match the new array.

\_\_\_\_\_

4. Construct 2 arrays with 6 squares.

a. 2 rows of \_\_\_\_\_ = \_\_\_\_\_

b. 3 rows of \_\_\_\_\_ = 2 rows of \_\_\_\_\_

5. Construct 2 arrays with 10 squares.

a. 2 rows of \_\_\_\_\_ = \_\_\_\_\_

b. 5 rows of \_\_\_\_\_ = 2 rows of \_\_\_\_\_



Name: \_\_\_\_\_ Week 30 Day 5 Date: \_\_\_\_\_

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Module 6 Lesson 11 Exit Ticket

a. Construct an array with 12 square tiles.

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

\_\_\_\_\_

Name: \_\_\_\_\_ Week 30 Day 5 Date: \_\_\_\_\_

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### Module 6 Lesson 11 Homework

1. a. Construct an array with 9 square tiles.
- b. Write a repeated addition equation to match the array.

\_\_\_\_\_

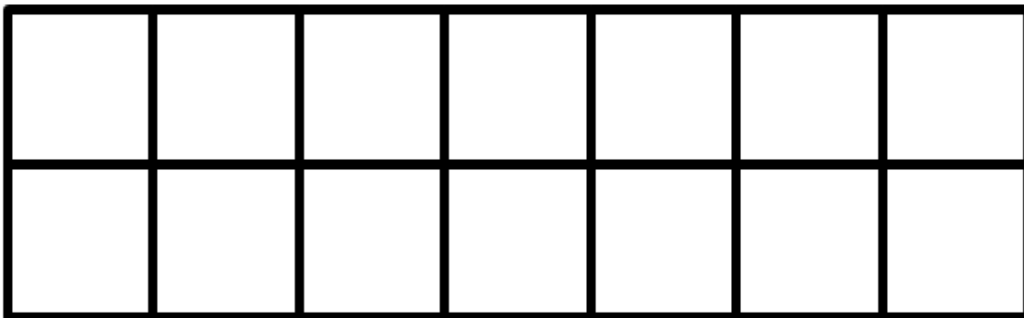
2. a. Construct an array with 10 square tiles.
- b. Write a repeated addition equation to match the array.

\_\_\_\_\_

- c. Rearrange the 10 square tiles into a different array.
- d. Write a repeated addition equation to match the new array.

\_\_\_\_\_

Cut out each square tile. Use the tiles to construct the arrays in Problems 1-4.





Name \_\_\_\_\_



## 2<sup>nd</sup> Grade Math Remote Learning Packet

### Week 31



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Dear Educator,

My signature is proof that I have reviewed my scholar's work and supported him to the best of my ability to complete all assignments.

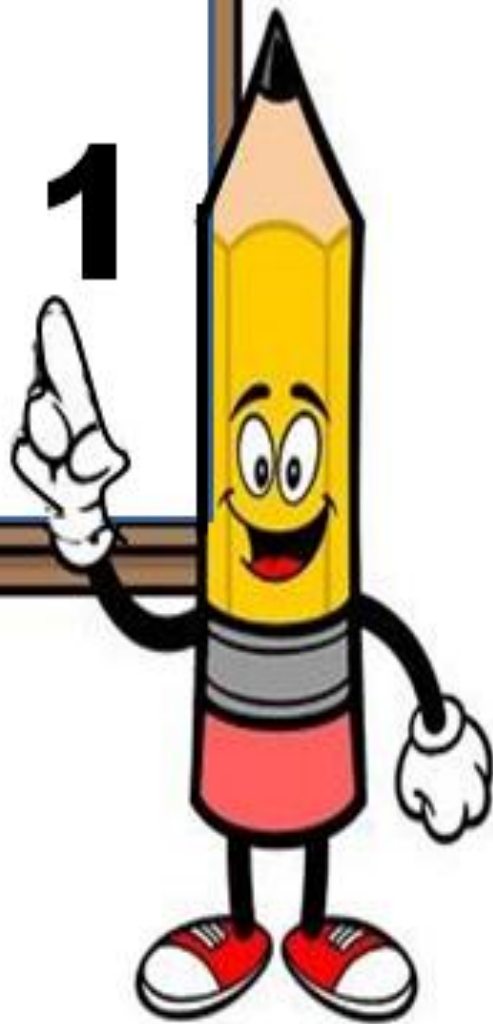
\_\_\_\_\_  
(Parent Signature)

\_\_\_\_\_  
(Date)

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**Day # 1**



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Module 6 Lesson 12 Sprint

1.	$10 + 6 =$	21.	$3 + 8 =$
2.	$10 + 9 =$	22.	$9 + 4 =$
3.	$7 + 10 =$	23.	$\underline{\quad} + 6 = 11$
4.	$3 + 10 =$	24.	$\underline{\quad} + 9 = 13$
5.	$5 + 11 =$	25.	$8 + \underline{\quad} = 14$
6.	$12 + 8 =$	26.	$7 + \underline{\quad} = 15$
7.	$14 + 3 =$	27.	$\underline{\quad} = 4 + 8$
8.	$13 + \underline{\quad} = 19$	28.	$\underline{\quad} = 8 + 9$
9.	$15 + \underline{\quad} = 18$	29.	$\underline{\quad} = 6 + 4$
10.	$12 + 5 =$	30.	$3 + 9 =$
11.	$\underline{\quad} = 2 + 17$	31.	$5 + 7 =$
12.	$\underline{\quad} = 3 + 13$	32.	$8 + \underline{\quad} = 14$
13.	$\underline{\quad} = 16 + 2$	33.	$\underline{\quad} = 5 + 9$
14.	$9 + 3 =$	34.	$8 + 8 =$
15.	$6 + 9 =$	35.	$\underline{\quad} = 7 + 9$
16.	$\underline{\quad} + 5 = 14$	36.	$\underline{\quad} = 8 + 4$
17.	$\underline{\quad} + 7 = 13$	37.	$17 = 8 + \underline{\quad}$
18.	$\underline{\quad} + 8 = 12$	38.	$19 = \underline{\quad} + 9$
19.	$8 + 7 =$	39.	$12 = \underline{\quad} + 7$
20.	$7 + 6 =$	40.	$15 = 8 + \underline{\quad}$

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### Module 6 Lesson 12 Problem Set

1. Draw without using a square tile to make an array with 2 rows of 5.

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

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

2. Draw without using a square tile to make an array with 4 columns of 3.

4 columns of 3 = \_\_\_\_\_

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

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Module 6 Lesson 12 Problem Set

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3. Complete the following arrays without gaps or overlaps. The first tile has been drawn for you.

a. 3 rows of 4



b. 5 columns of 3



c. 5 columns of 4



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Module 6 Lesson 12 Exit Ticket

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





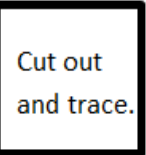
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Module 6 Lesson 12 Homework

1. Cut out and trace the square tile to draw an array with 2 rows of 4.



2 rows of 4 = \_\_\_\_\_

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

2. Trace the square tile to make an array with 3 columns of 5.

3 columns of 5 = \_\_\_\_\_

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

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Module 6 Lesson 12 Homework

3. Complete the following arrays without gaps or overlaps. The first tile has been drawn for you.

a. 4 rows of 5



b. 5 columns of 2

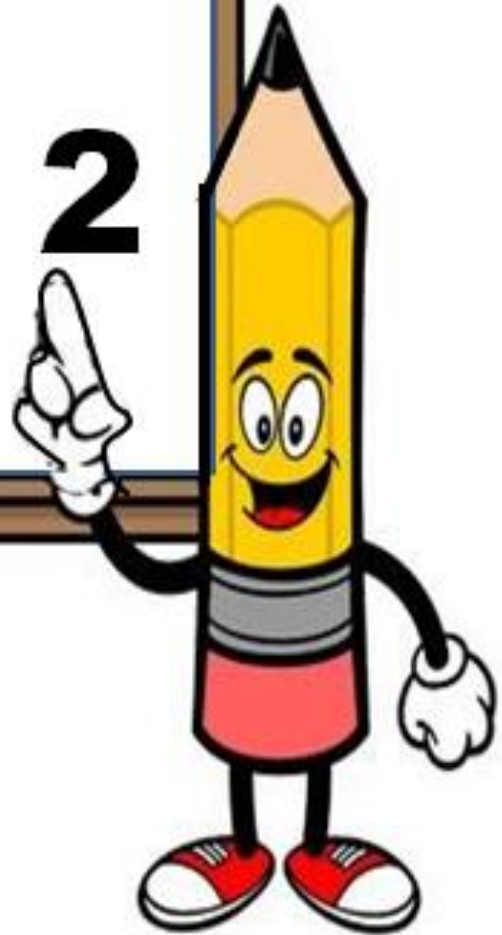


c. 4 columns of 3





**Day # 2**



Name: \_\_\_\_\_ Week 31 Day 2 Date: \_\_\_\_\_

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### Module 6 Lesson 13 Problem Set

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

#### Problem 1

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

Step 2: Separate 2 columns of 3.

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

#### Problem 2

Step 1: Construct a rectangle with 5 rows of 2.

Step 2: Separate 2 rows of 2.

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.

#### Problem 3

Step 1: Construct a rectangle with 5 columns of 3.

Step 2: Separate 3 columns of 3.

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.

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Module 6 Lesson 13 Problem Set

4. Use 12 square tiles to construct a rectangle with 3 rows.

a. \_\_\_\_\_ rows of \_\_\_\_\_ = 12

b. Remove 1 row. How many squares are there now? \_\_\_\_\_

c. Remove 1 column from the new rectangle you made in 4(b). How many squares are there now? \_\_\_\_\_

5. Use 20 square tiles to construct a rectangle.

a. \_\_\_\_\_ rows of \_\_\_\_\_ = \_\_\_\_\_

b. Remove 1 row. How many squares are there now? \_\_\_\_\_

c. Remove 1 column from the new rectangle you made in 5(b). How many squares are there now? \_\_\_\_\_

|

6. Use 16 square tiles to construct a rectangle.

a. \_\_\_\_\_ rows of \_\_\_\_\_ = \_\_\_\_\_

b. Remove 1 row. How many squares are there now? \_\_\_\_\_

c. Remove 1 column from the new rectangle you made in 6(b). How many squares are there now? \_\_\_\_\_

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### Module 6 Lesson 13 Exit Ticket

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.

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### Module 6 Lesson 13 Homework

Cut out and use your square tiles to complete the steps for each problem.

#### Problem 1

Step 1: Construct a rectangle with 5 rows of 2.

Step 2: Separate 2 rows of 2.

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

#### Problem 2

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

Step 2: Separate 2 columns of 3.

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

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Module 6 Lesson 13 Homework

3. Use 9 square tiles to construct a rectangle with 3 rows.

a. \_\_\_\_\_ rows of \_\_\_\_\_ = \_\_\_\_\_

b. Remove 1 row. How many squares are there now? \_\_\_\_\_

c. Remove 1 column from the new rectangle you made in 3(b). How many squares are there now? \_\_\_\_\_

4. Use 14 square tiles to construct a rectangle.

a. \_\_\_\_\_ rows of \_\_\_\_\_ = \_\_\_\_\_

b. Remove 1 row. How many squares are there now? \_\_\_\_\_

c. Remove 1 column from the new rectangle you made in 4(b). How many squares are there now? \_\_\_\_\_





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Module 6 Lesson 14 Sprint

**A**

Number Correct: \_\_\_\_\_

Subtraction from Teens

1.	$11 - 10 =$	
2.	$12 - 10 =$	
3.	$13 - 10 =$	
4.	$19 - 10 =$	
5.	$11 - 1 =$	
6.	$12 - 2 =$	
7.	$13 - 3 =$	
8.	$17 - 7 =$	
9.	$11 - 2 =$	
10.	$11 - 3 =$	
11.	$11 - 4 =$	
12.	$11 - 8 =$	
13.	$18 - 8 =$	
14.	$13 - 4 =$	
15.	$13 - 5 =$	
16.	$13 - 6 =$	
17.	$13 - 8 =$	
18.	$16 - 6 =$	
19.	$12 - 3 =$	
20.	$12 - 4 =$	
21.	$12 - 5 =$	
22.	$12 - 9 =$	

23.	$19 - 9 =$	
24.	$15 - 6 =$	
25.	$15 - 7 =$	
26.	$15 - 9 =$	
27.	$20 - 10 =$	
28.	$14 - 5 =$	
29.	$14 - 6 =$	
30.	$14 - 7 =$	
31.	$14 - 9 =$	
32.	$15 - 5 =$	
33.	$17 - 8 =$	
34.	$17 - 9 =$	
35.	$18 - 8 =$	
36.	$16 - 7 =$	
37.	$16 - 8 =$	
38.	$16 - 9 =$	
39.	$17 - 10 =$	
40.	$12 - 8 =$	
41.	$18 - 9 =$	
42.	$11 - 9 =$	
43.	$15 - 8 =$	
44.	$13 - 7 =$	

Name: \_\_\_\_\_ Week 31 Day 3 Date: \_\_\_\_\_

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### Module 6 Lesson 14 Problem Set

Cut out Rectangles A, B, and C. Then, cut according to directions. Answer each of the following using Rectangles A, B, and C.<sup>1</sup>

1. Cut out each row of Rectangle A.

- a. Rectangle A has \_\_\_\_\_ rows.
- b. Each row has \_\_\_\_\_ squares.
- c. \_\_\_\_\_ rows of \_\_\_\_\_ = \_\_\_\_\_
- d. Rectangle A has \_\_\_\_\_ squares.

2. Cut out each column of Rectangle B.

- a. Rectangle B has \_\_\_\_\_ columns.
- b. Each column has \_\_\_\_\_ squares.
- c. \_\_\_\_\_ columns of \_\_\_\_\_ = \_\_\_\_\_
- d. Rectangle B has \_\_\_\_\_ squares.

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Module 6 Lesson 14 Problem Set

3. Cut out each square from both Rectangles A and B.
  - a. Construct a new rectangle using all 16 squares.
  - b. My rectangle has \_\_\_\_\_ rows of \_\_\_\_\_.
  - c. My rectangle also has \_\_\_\_\_ columns of \_\_\_\_\_.
  - d. Write two repeated addition number sentences to match your rectangle.
  
4. Construct a new array using the 24 squares from Rectangles A, B, and C.
  - a. My rectangle has \_\_\_\_\_ rows of \_\_\_\_\_.
  - b. My rectangle also has \_\_\_\_\_ columns of \_\_\_\_\_.
  - c. Write two repeated addition number sentences to match your rectangle.

Extension: Construct another array using the squares from Rectangles A, B, and C.

- a. My rectangle has \_\_\_\_\_ rows of \_\_\_\_\_.
- b. My rectangle also has \_\_\_\_\_ columns of \_\_\_\_\_.
- c. Write two repeated addition number sentences to match your rectangle.

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Module 6 Lesson 14 Exit Ticket

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 \_\_\_\_\_.

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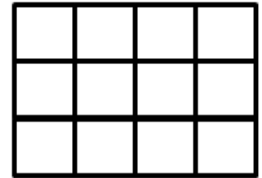
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Module 6 Lesson 14 Homework

1. Imagine that you have just cut this rectangle into rows.

a. What do you see? Draw a picture.



How many squares are in each row? \_\_\_\_\_

b. Imagine that you have just cut this rectangle into columns. What do you see?  
Draw a picture.

How many squares are in each column? \_\_\_\_\_

2. Create another rectangle using the same number of squares.

How many squares are in each row? \_\_\_\_\_

How many squares are in each column? \_\_\_\_\_

Name: \_\_\_\_\_ Week 31 Day 3 Date: \_\_\_\_\_

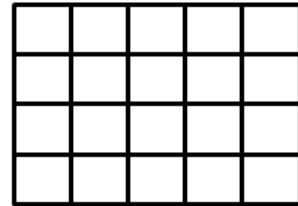
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Module 6 Lesson 14 Homework

3. Imagine that you have just cut this rectangle into rows.

a. What do you see? Draw a picture.



How many squares are in each row? \_\_\_\_\_

b. Imagine that you have just cut this rectangle into columns. What do you see?  
Draw a picture.

How many squares are in each column? \_\_\_\_\_

4. Create another rectangle using the same number of squares.

How many squares are in each row? \_\_\_\_\_

How many squares are in each column? \_\_\_\_\_





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Module 6 Lesson 15 Sprint

A

Number Correct: \_\_\_\_\_

Subtract Crossing the Ten



1.	$10 - 1 =$	
2.	$10 - 2 =$	
3.	$20 - 2 =$	
4.	$40 - 2 =$	
5.	$10 - 2 =$	
6.	$11 - 2 =$	
7.	$21 - 2 =$	
8.	$51 - 2 =$	
9.	$10 - 3 =$	
10.	$11 - 3 =$	
11.	$21 - 3 =$	
12.	$61 - 3 =$	
13.	$10 - 4 =$	
14.	$11 - 4 =$	
15.	$21 - 4 =$	
16.	$71 - 4 =$	
17.	$10 - 5 =$	
18.	$11 - 5 =$	
19.	$21 - 5 =$	
20.	$81 - 5 =$	
21.	$10 - 6 =$	
22.	$11 - 6 =$	

23.	$21 - 6 =$	
24.	$91 - 6 =$	
25.	$10 - 7 =$	
26.	$11 - 7 =$	
27.	$31 - 7 =$	
28.	$10 - 8 =$	
29.	$11 - 8 =$	
30.	$41 - 8 =$	
31.	$10 - 9 =$	
32.	$11 - 9 =$	
33.	$51 - 9 =$	
34.	$12 - 3 =$	
35.	$82 - 3 =$	
36.	$13 - 5 =$	
37.	$73 - 5 =$	
38.	$14 - 6 =$	
39.	$84 - 6 =$	
40.	$15 - 8 =$	
41.	$95 - 8 =$	
42.	$16 - 7 =$	
43.	$46 - 7 =$	
44.	$68 - 9 =$	

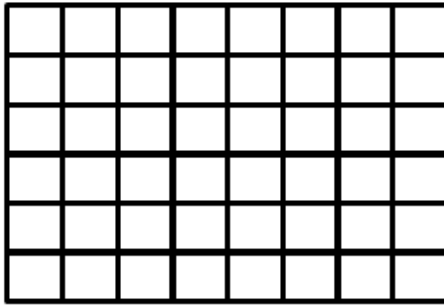
Name: \_\_\_\_\_ Week 31 Day 4 Date: \_\_\_\_\_

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Module 6 Lesson 15 Problem Set

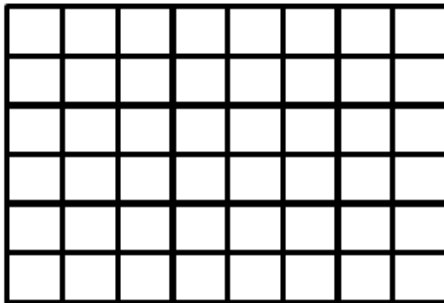
1. Shade in an array with 2 rows of 3.



Write a repeated addition equation for the array.

\_\_\_\_\_

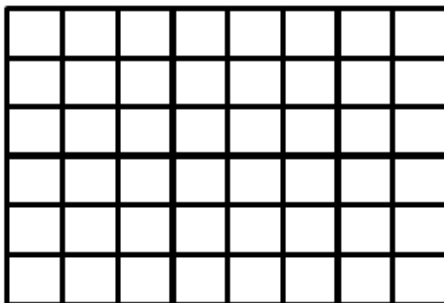
2. Shade in an array with 4 rows of 3.



Write a repeated addition equation for the array.

\_\_\_\_\_

3. Shade in an array with 5 columns of 4.



Write a repeated addition equation for the array.

\_\_\_\_\_

Name: \_\_\_\_\_ Week 31 Day 4 Date: \_\_\_\_\_

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Module 6 Lesson 15 Problem Set

4. Draw one more column of 2 to make a new array.



Write a repeated addition  
equation for the new array.

\_\_\_\_\_

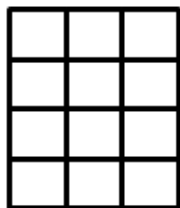
5. Draw one more row of 4 and then one more column to make a new array.



Write a repeated addition  
equation for the new array.

\_\_\_\_\_

6. Draw one more row and then two more columns to make a new array.



Write a repeated addition  
equation for the new array.

\_\_\_\_\_

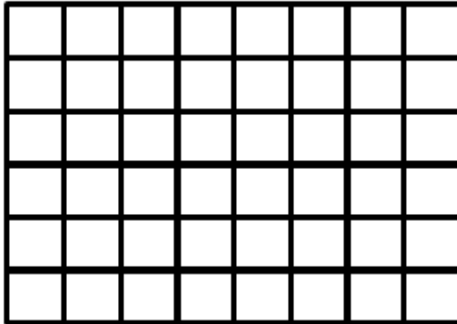
Name: \_\_\_\_\_ Week 31 Day 4 Date: \_\_\_\_\_

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Module 6 Lesson 15 Exit Ticket

Shade in an array with 3 rows of 5.



Write a repeated addition  
equation for the array.

\_\_\_\_\_

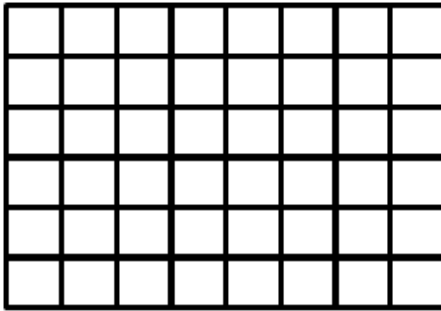
Name: \_\_\_\_\_ Week 31 Day 4 Date: \_\_\_\_\_

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### Module 6 Lesson 15 Homework

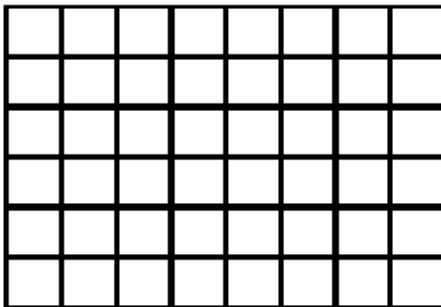
1. Shade in an array with 3 rows of 2.



Write a repeated addition equation for the array.

\_\_\_\_\_

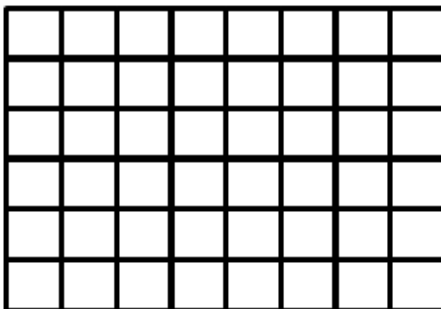
2. Shade in an array with 2 rows of 4.



Write a repeated addition equation for the array.

\_\_\_\_\_

3. Shade in an array with 4 columns of 5.



Write a repeated addition equation for the array.

\_\_\_\_\_

Name: \_\_\_\_\_ Week 31 Day 4 Date: \_\_\_\_\_

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### Module 6 Lesson 15 Homework

4. Draw one more column of 2 to make a new array.



Write a repeated addition equation for the new array.

\_\_\_\_\_

5. Draw one more row of 3 and then one more column to make a new array.



Write a repeated addition equation for the new array.

\_\_\_\_\_

6. Draw one more row and then two more columns to make a new array.

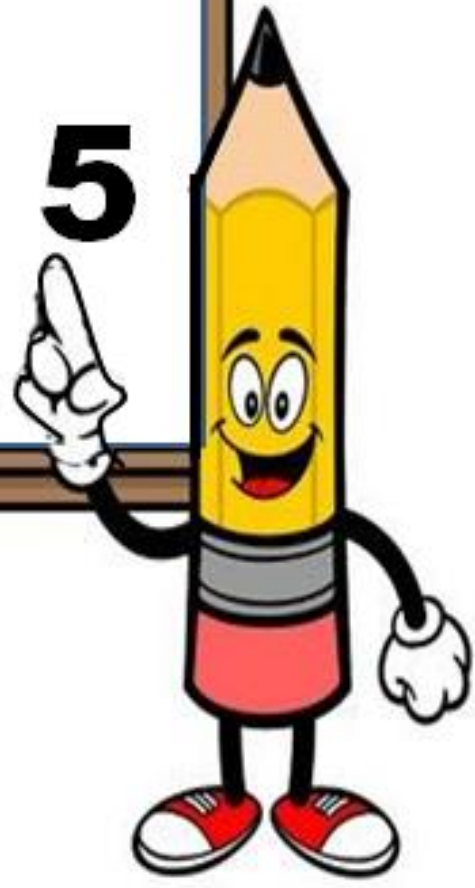


Write a repeated addition equation for the new array.

\_\_\_\_\_



**Day # 5**



Name: \_\_\_\_\_ Week 31 Day 5 Date: \_\_\_\_\_

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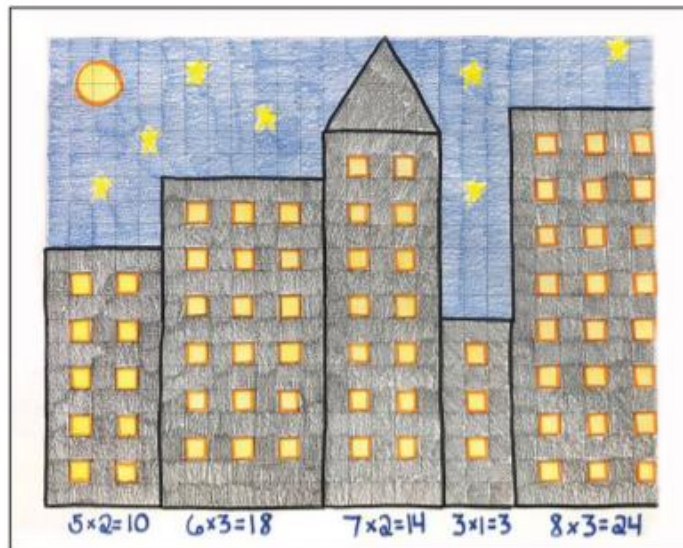
## Module 6 Homework

### City Skyline Arrays

**Objective:** Practice basic multiplication skills using arrays.

**Materials:** City Skyline Grid Paper (page 2 of this PDF file); markers or crayons

**Overview:** Kids will love designing their own skyscraper arrays! This is a fun math project that reinforces basic multiplication skills.



**Here's what to do in a few easy steps:**

- Draw vertical rectangles of various sizes.
- Fill in some of the individual squares inside the buildings to make windows.
- Color the skyscrapers. Add a background too!
- Write the multiplication fact shown inside each building.



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### Module 6 Homework

**City Skyline Arrays**

Multiplication Facts