

Dear Upcoming 3RD GRADER



You have worked so hard this school year, let's stay **SHARP** over the summer!

If you complete 500 minutes of reading and 12 math activities, we

will have a **CELEBRATION** when we return from

summer break! Return your completed packets by Friday, August 25, 2023 (the end of the first week of **3rd grade**).

Reading: In order to avoid the "summer slide", which is losing comprehension and stamina in reading, you are expected to read **500 MINUTES** by the end of summer. (That sounds like a lot, but it is just 20 minutes for 25 nights.) In addition, we would love to know your favorite book from this summer, so when you read a great one, fill out the book report to tell us all about it!

Math: Being able to know your math facts will put you ahead of the game in 3rd grade! Over the summer practice multiplication facts 1-5. Cut out the flashcards to practice and complete the multiplication worksheets to review what you've learned!

Can't wait to see you next year! Have a wonderful summer!

Name: _____

Reading Chart

Write down the number of minutes you read each day and the total for the week. If you met your goal for the week, place a sticker in the goal column. Summer Goals 500



My weekly goal: _____

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Total	Goal	Parent Initials
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1.	_____	_____	_____	_____	_____	_____	_____	<input type="checkbox"/>	_____
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2.	_____	_____	_____	_____	_____	_____	_____	<input type="checkbox"/>	_____
----	-------	-------	-------	-------	-------	-------	-------	--------------------------	-------

3.	_____	_____	_____	_____	_____	_____	_____	<input type="checkbox"/>	_____
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4.	_____	_____	_____	_____	_____	_____	_____	<input type="checkbox"/>	_____
----	-------	-------	-------	-------	-------	-------	-------	--------------------------	-------

5.	_____	_____	_____	_____	_____	_____	_____	<input type="checkbox"/>	_____
----	-------	-------	-------	-------	-------	-------	-------	--------------------------	-------

6.	_____	_____	_____	_____	_____	_____	_____	<input type="checkbox"/>	_____
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7.	_____	_____	_____	_____	_____	_____	_____	<input type="checkbox"/>	_____
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8.	_____	_____	_____	_____	_____	_____	_____	<input type="checkbox"/>	_____
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Name: _____

Reading Chart

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1.	_____	_____	_____	_____	_____	_____	_____	_____	<input type="checkbox"/>	_____
2.	_____	_____	_____	_____	_____	_____	_____	_____	<input type="checkbox"/>	_____
3.	_____	_____	_____	_____	_____	_____	_____	_____	<input type="checkbox"/>	_____
4.	_____	_____	_____	_____	_____	_____	_____	_____	<input type="checkbox"/>	_____
5.	_____	_____	_____	_____	_____	_____	_____	_____	<input type="checkbox"/>	_____
6.	_____	_____	_____	_____	_____	_____	_____	_____	<input type="checkbox"/>	_____
7.	_____	_____	_____	_____	_____	_____	_____	_____	<input type="checkbox"/>	_____
8.	_____	_____	_____	_____	_____	_____	_____	_____	<input type="checkbox"/>	_____

Reading Log



1. Title: _____

Author: _____ Number of pages: _____

2. Title: _____

Author: _____ Number of pages: _____

3. Title: _____

Author: _____ Number of pages: _____

4. Title: _____

Author: _____ Number of pages: _____

5. Title: _____

Author: _____ Number of pages: _____

6. Title: _____

Author: _____ Number of pages: _____

7. Title: _____

Author: _____ Number of pages: _____

My FICTION BOOK REPORT

by:

(your name)

Title:

Author:

GENRE

- | | |
|---|--|
| <input type="checkbox"/> realistic fiction | <input type="checkbox"/> scary fiction |
| <input type="checkbox"/> historical fiction | <input type="checkbox"/> fantasy |
| <input type="checkbox"/> science fiction | <input type="checkbox"/> other |

Name and describe
the main characters

Describe the main
conflict in this story.

Tell how the
conflict was resolved.

Setting

This story mostly takes place _____

Draw the main setting.

I rate this book



Name: _____

Summer Multiplication Arrays

Write the multiplication fact shown by each array.

example



$$2 \times 5 = 10$$



Name: _____

Multiplication with Arrays

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

The fact 3×6 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

x x x x x x

3 rows of 6 symbols equals 18 symbols.

$$3 \times 6 = 18$$

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.



_____ rows of _____ equals _____

_____ x _____ = _____



_____ rows of _____ equals _____

_____ x _____ = _____



_____ rows of _____ equals _____

_____ x _____ = _____

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

7×4

8×3

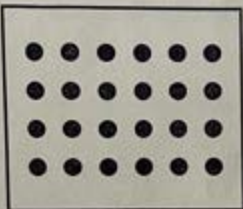
9×6

3×7

8×5

Name: _____

Using Arrays to Multiply



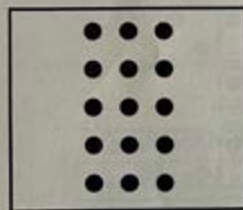
How many rows are in the array? _____

How many columns are in the array? _____

How many dots are in the array? _____

Write a multiplication fact that is shown by the array.

$$\underline{\quad} \times \underline{\quad} = \underline{\quad}$$



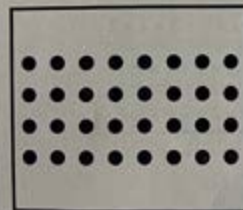
How many rows are in the array? _____

How many columns are in the array? _____

How many dots are in the array? _____

Write a multiplication fact that is shown by the array.

$$\underline{\quad} \times \underline{\quad} = \underline{\quad}$$



How many rows are in the array? _____

How many columns are in the array? _____

How many dots are in the array? _____

Write a multiplication fact that is shown by the array.

$$\underline{\quad} \times \underline{\quad} = \underline{\quad}$$



2 TIMES TABLE - COUNT BY 2S MAZE

Help Newton to find his way out of the maze by shading the path counting in 2s up to 20.



IN →	2	4	5	7	15	
	3	6	9	11	20	OUT →
	7	8	10	13	18	
	13	11	12	14	16	
	9	15	11	13	17	

Skip count by 2s up to 20

2 → ___ → ___ → ___ → ___ → ___ → ___ → ___ → ___ → ___

Match the multiplication fact to the correct repeated addition facts.

2 x 3	2+2+2+2+2+2+2
2 x 7	2+2
2 x 2	2+2+2
2 x 4	2+2+2+2+2+2
2 x 6	2+2+2+2
2 x 5	2+2+2+2+2



Name _____

Date _____



2 TIMES TABLE - GROUPS OF 2

Change these groups of 2s into 2 times table multiplication facts.

$$\begin{array}{|c|c|c|} \hline \bullet & \bullet & \bullet \\ \hline & \bullet & \bullet \\ \hline \end{array} = _ \times _ = 6$$

$$\begin{array}{|c|c|c|c|} \hline \bullet & \bullet & \bullet & \bullet \\ \hline & \bullet & \bullet & \bullet \\ \hline \end{array} = _ \times _ = _$$

$$\begin{array}{|c|} \hline \bullet \\ \hline \bullet \\ \hline \end{array} = _ \times _ = _$$

$$\begin{array}{|c|c|} \hline \bullet & \bullet \\ \hline & \bullet \\ \hline \end{array} = _ \times _ = _$$

$$\begin{array}{|c|c|c|c|c|c|} \hline \bullet & \bullet & \bullet & \bullet & \bullet & \bullet \\ \hline & \bullet & \bullet & \bullet & \bullet & \bullet \\ \hline \end{array} = _ \times _ = _$$

$$\begin{array}{|c|c|c|c|c|} \hline \bullet & \bullet & \bullet & \bullet & \bullet \\ \hline & \bullet & \bullet & \bullet & \bullet \\ \hline \end{array} = _ \times _ = _$$

$$\begin{array}{|c|c|c|c|c|c|c|} \hline \bullet & \bullet & \bullet & \bullet & \bullet & \bullet & \bullet \\ \hline & \bullet & \bullet & \bullet & \bullet & \bullet & \bullet \\ \hline \end{array} = _ \times _ = _$$

$$\begin{array}{|c|c|c|c|} \hline \bullet & \bullet & \bullet & \bullet \\ \hline & \bullet & \bullet & \bullet \\ \hline \end{array} = _ \times _ = _$$

$$\begin{array}{|c|c|c|c|c|} \hline \bullet & \bullet & \bullet & \bullet & \bullet \\ \hline & \bullet & \bullet & \bullet & \bullet \\ \hline \end{array} = _ \times _ = _$$

$$\begin{array}{|c|c|c|c|} \hline \bullet & \bullet & \bullet & \bullet \\ \hline & \bullet & \bullet & \bullet \\ \hline \end{array} = _ \times _ = _$$

$$\begin{array}{|c|c|c|c|} \hline \bullet & \bullet & \bullet & \bullet \\ \hline & \bullet & \bullet & \bullet \\ \hline \end{array} = _ \times _ = _$$

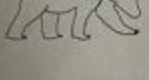
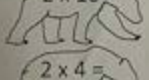
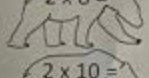
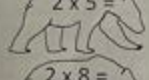
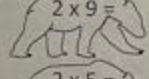
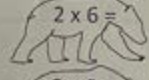
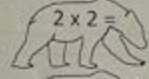
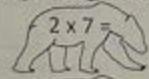
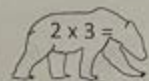
Name _____

Date _____



2 TIMES TABLE - BEARS

Draw a line to match each bear to his pot of honey.



2ND GRADE

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Name _____

Date _____



5 TIMES TABLE - COUNT BY 5s MAZE

Help Newton to find his way out of the maze by shading the path counting in 5s up to 50.



IN →	5	8	19	29	38	
	10	14	31	43	47	
	15	20	24	39	53	
	18	25	29	45	50	OUT →
	22	30	35	40	44	

Count by 5s up to 50

5 → ___ → ___ → ___ → ___ → ___ → ___ → ___ → ___ → ___

Match the multiplication fact to the correct repeated addition facts.

(5 × 5)	5 + 5 + 5 + 5 + 5 + 5 + 5
(5 × 2)	5 + 5
(5 × 7)	5 + 5 + 5 + 5 + 5
(5 × 4)	5 + 5 + 5 + 5 + 5 + 5
(5 × 3)	5 + 5 + 5 + 5
(5 × 6)	5 + 5 + 5

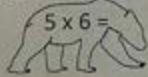
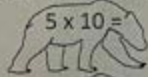
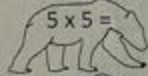
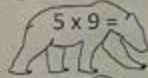
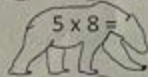
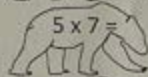
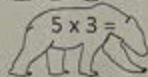
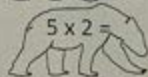
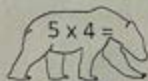
Name _____

Date _____

5 TIMES TABLE - BEARS



Draw a line to match each bear to his pot of honey.



10

20

45

15

40

25

50

30

35



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Name _____

Date _____



3 TIMES TABLE - COUNT BY 3S MAZE

Help Newton to find his way out of the maze by shading the path counting in 3s up to 30.



IN →	3	4	5	7	14	
	6	7	13	11	20	
	9	12	15	17	16	
	13	11	18	14	30	← OUT
	8	16	21	24	27	

Count by 3s up to 30

3 → ___ → ___ → ___ → ___ → ___ → ___ → ___ → ___ → ___

Match the multiplication fact to the correct repeated addition facts.

(3 × 5)	3 + 3 + 3 + 3 + 3 + 3 + 3
(3 × 4)	3 + 3
(3 × 3)	3 + 3 + 3 + 3 + 3
(3 × 6)	3 + 3 + 3 + 3 + 3 + 3
(3 × 7)	3 + 3 + 3 + 3
(3 × 2)	3 + 3 + 3



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4 TIMES TABLE - COUNT BY 4S MAZE

Help Newton to find his way out of the maze by shading the path counting in 4s up to 40.



IN →	4	8	5	7	38	
	6	12	14	18	22	
	10	16	20	30	33	
	14	18	24	28	40	OUT →
	20	19	27	32	36	

Count by 4s up to 40

4 → ___ → ___ → ___ → ___ → ___ → ___ → ___ → ___ → ___

Match the multiplication fact to the correct repeated addition facts.

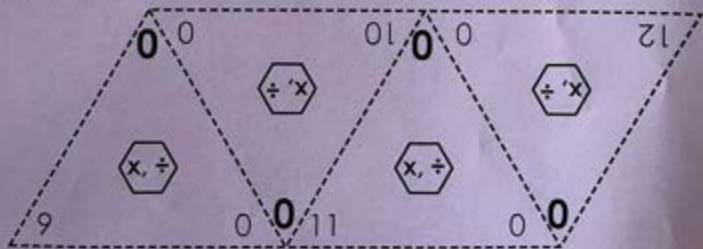
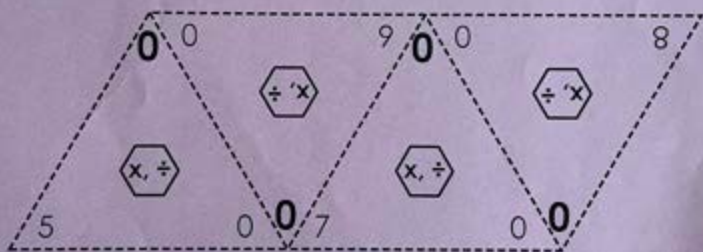
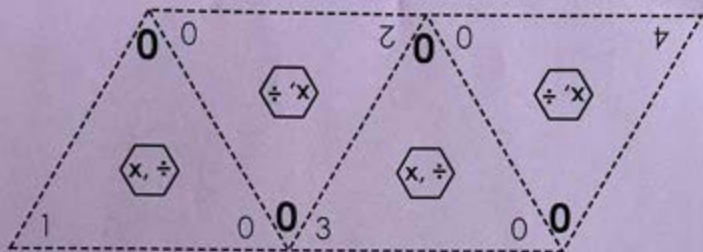
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<div style="border: 1px solid black; border-radius: 50%; padding: 5px; display: inline-block;">4 × 3</div>	<div style="border: 1px solid black; border-radius: 10px; padding: 5px; display: inline-block;">4 + 4</div>
<div style="border: 1px solid black; border-radius: 50%; padding: 5px; display: inline-block;">4 × 6</div>	<div style="border: 1px solid black; border-radius: 10px; padding: 5px; display: inline-block;">4 + 4 + 4 + 4 + 4</div>
<div style="border: 1px solid black; border-radius: 50%; padding: 5px; display: inline-block;">4 × 4</div>	<div style="border: 1px solid black; border-radius: 10px; padding: 5px; display: inline-block;">4 + 4 + 4 + 4 + 4 + 4 + 4</div>
<div style="border: 1px solid black; border-radius: 50%; padding: 5px; display: inline-block;">4 × 2</div>	<div style="border: 1px solid black; border-radius: 10px; padding: 5px; display: inline-block;">4 + 4 + 4 + 4</div>
<div style="border: 1px solid black; border-radius: 50%; padding: 5px; display: inline-block;">4 × 7</div>	<div style="border: 1px solid black; border-radius: 10px; padding: 5px; display: inline-block;">4 + 4 + 4</div>



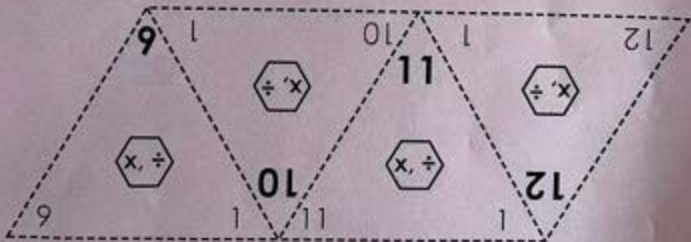
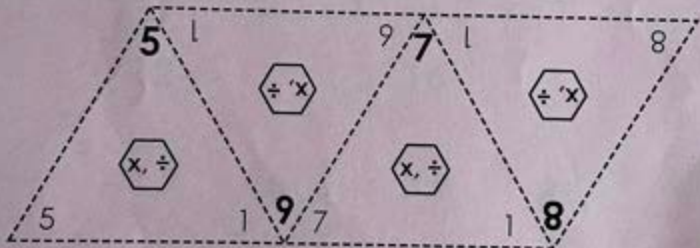
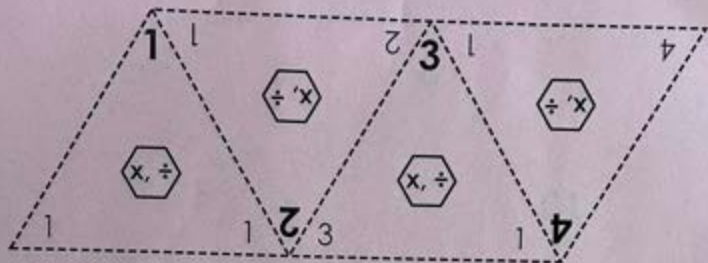
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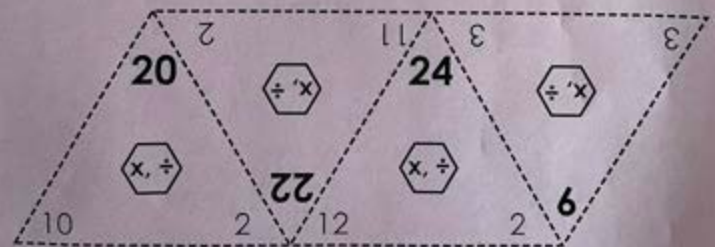
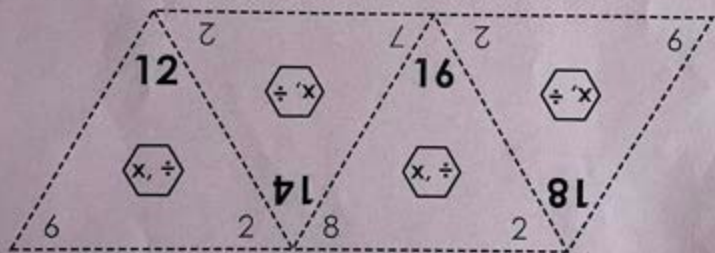
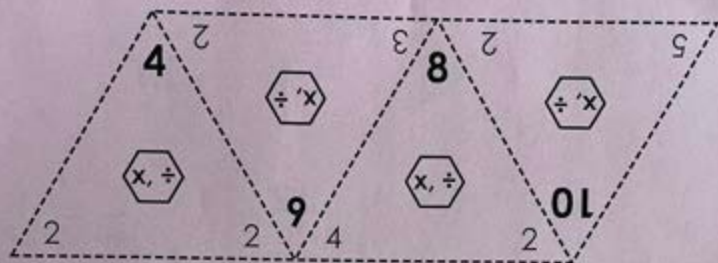
Fact Family Cards



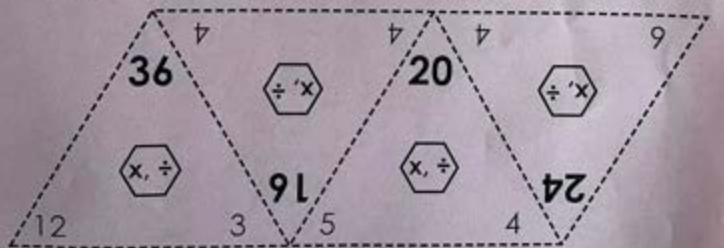
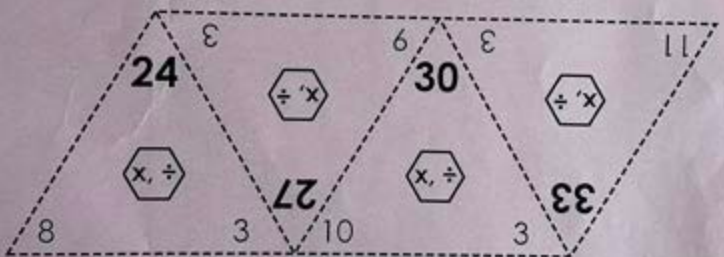
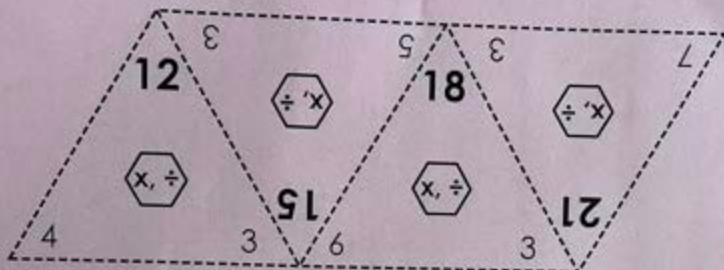
Fact Family Cards



Fact Family Cards



Fact Family Cards



Fact Family Cards

