

# Incoming 5th Graders

## 2023 Summer Assignments

### Reading Assignments:

- Read *Dear Mr. Henshaw* by Beverly Cleary and complete the assignment (attached).
- Read *Wonder* by R.J. Palacio and complete the assignment (attached).

### English Assignment:

- Edit five subject area paragraphs using the checklist (attached).

### Math Assignment:

- Complete the *Mad Minute Summer Challenge* to develop mastery of multiplication facts 0-10. (All materials attached.)

**\*\*All completed work is due on the first day of school!**

## ***Dear Mr. Henshaw*: Friendly Letter Project**

This summer you will practice writing a friendly letter. You may choose to write to your favorite author as the main character in *Dear Mr. Henshaw* did or you can choose to write to a family member or 4th grade friend. You will send him or her a letter; if you would like to send more than one, please feel free to do so. Please keep any letters you receive in return to bring with you to school in September, along with a copy of your original letter. In your letters, you should discuss your thoughts about the book *Dear Mr. Henshaw*. Please remember not to give away the ending of the book unless you are POSITIVE that your pen pal has also finished his or her reading. You can also talk about your summer or any other personal details or stories you would like to share. Please follow the checklist below to make sure that you have completed all of the tasks necessary in this project. I have also included a rubric for you so that you can see how you will be graded in September.

### **Assignment Checklist:**

- ☐ I understand the friendly letter format.
- ☐ I am reading *Dear Mr. Henshaw* by Beverly Cleary and plan to finish the book by summer's end.
- ☐ I have written a well-edited three paragraph friendly letter to my pen pal, checked it over using my rubric, and sent it out.
- ☐ I have made a copy of this letter for myself and put it in a safe place.
- ☐ I have put any letters I have received from my pen pal in a safe place.
- ☐ I am ready to hand in all of my letters, both sent and received, to my teacher on the first day of school.

## Dear Mr. Henshaw Pen Pal Project Rubric

Category	4 pts	3 pts	2 pts	1 pt
<b>Format</b>	Your letter matches all requirements of the friendly letter format. It contains three complete paragraphs: an introduction, a body, and a conclusion.	Your letter matches most of the requirements of the friendly letter format. It contains three complete paragraphs: an introduction, a body, and a conclusion.	Your letter matches 50% of the requirements of the friendly letter format. It contains three paragraphs, some of which are incomplete: an introduction, a body, and a conclusion.	Your letter matches less than 50% of the requirements of the friendly letter format. It does not contain three complete paragraphs and may be missing an introduction, body, and/or conclusion.
<b>Ideas</b>	Ideas were expressed in a clear and organized fashion. It was easy to understand your ideas and main points.	Ideas were expressed in a fairly clear manner, but the organization could have been better.	Ideas were somewhat organized, but they were not very clear. It took more than one reading to figure out what the letter was about.	The letter seemed to be a collection of unrelated sentences. It was very difficult to figure out what the letter was about.
<b>Details</b>	Several specific details support the points the writing makes and demonstrates a further understanding of the letter's topic. The book was referenced well.	Specific details support the points of the writer and demonstrate an understanding of the letter's topic. The book was referenced.	Details support the points of the writer but do not always help make the meaning clear to the reader. It is unclear whether the book was specifically referenced.	Details are few, and they do not tie into the topic. The book was not referenced.
<b>Sentences</b>	All sentences are complete, well-constructed (no fragments or run-ons), and of varied structure.	All sentences are complete and well-constructed (no fragments or run-ons).	Most sentences are complete and well-constructed.	There are many sentence fragments or run-on sentences.
<b>Editing</b>	Writer makes no errors in spelling, capitalization, or punctuation.	Writer makes 1-2 errors in spelling, capitalization, or punctuation.	Writer makes 3-4 errors in spelling, capitalization, and punctuation.	Writer makes more than 4 errors in spelling, capitalization, and punctuation.

## *Wonder*: Character Analysis Project

This summer, you will be reading *Wonder* by R.J. Palacio, and completing a 2-part project.

### Part I:

All students will be constructing a poster comparing and contrasting yourself with one of the main characters from *Wonder*. On one half of the poster, you will illustrate a picture of one of the main characters from the book and surround the illustration with adjectives and descriptive phrases that fit this character. Focus primarily on their internal character traits, not their external traits. On the other half of the poster, you will illustrate a picture of yourself, also surrounded by adjectives and descriptive phrases that match your own character. Both your name and the character's name should be prominently featured on their halves of the poster. The poster should be very carefully decorated with attention to detail, and your writing should be clear and neat. Please use any color of 22" by 28" poster board. Check over the attached rubric carefully to make sure that you earn the best grade possible.

### Part II:

All students will be writing a paragraph answering the following question: *How does the main character you chose change throughout the book?*

Please remember that your paragraph should include a topic sentence, as well as detailed evidence from the book to support your argument. It should be 8-10 sentences long, and should be in the present tense. All paragraphs should also demonstrate careful attention to spelling, punctuation, and grammar.

## Assignment Checklist:

### Poster

- ☐ I have carefully read *Wonder* by R. J. Palacio
- ☐ I have taken notes on the character's traits and how he/she changed from the beginning to the end.
- ☐ I have creatively designed and decorated my poster board.
- ☐ I have checked over my rubric (attached).

### Paragraph

- ☐ I have looked back at the book and any notes I made.
- ☐ I have come up with an argument, and created a topic sentence.
- ☐ I included at least three detailed pieces of evidence.
- ☐ I have typed up my paragraph.
- ☐ I proofread and made sure that the paragraph is final draft quality.

## Wonder Character-Self Comparison Poster Rubric

### Character Side:

Illustration \_\_\_\_\_/10

Your illustration is neatly done and complete. You have been creative and accurate to the story. A portrait is fine, and careful attention to detail is evident.

Description \_\_\_\_\_/10

Your descriptions accurately reflect the character's traits as described in the book. You have used appropriate supporting detail. You have carefully proofread your work, paying close attention to spelling, punctuation, and grammar.

### Self Side:

Illustration \_\_\_\_\_/10

Your illustration is neatly done and complete. You have been creative and accurate to the story. A portrait is fine, and careful attention to detail is evident.

Description \_\_\_\_\_/10

Your descriptions accurately reflect the character's traits as described in the book. You have used appropriate supporting detail. You have carefully proofread your work, paying close attention to spelling, punctuation, and grammar.

Presentation \_\_\_\_\_/10

You have been creative, while assuring that all information is legible. The board is evenly split between the character and yourself. The character's name and your name are prominently placed on your poster. You have used the correct size poster board, and your well-chosen decorations have left little white space.

Total \_\_\_\_\_/50

## Wonder Character Change Paragraph Rubric

Topic Sentence \_\_\_\_\_/10

You make a clear point, and present it in your topic sentence.

Evidence \_\_\_\_\_/20

Your evidence is accurate to the character's traits as described in the book. It is clear that you have looked back in the book, and given detailed descriptions of the character's traits and changes.

You have given enough evidence to support your claim (at least 3 examples). Your evidence clearly ties back to your topic sentence, and the point you are trying to make.

Spelling/Proofreading \_\_\_\_\_/10

You have clearly pre-edited your work to ensure that your descriptions are proofread and grammatically correct.

Grammar \_\_\_\_\_/10

Your paragraph is in the present tense. Your sentences are clear and grammatically correct.

Total \_\_\_\_\_/50

## English Assignment: Paragraph Editing

**Directions:** Please carefully read over the following five paragraphs. Each contains TWELVE (12) mistakes. Please fix the errors carefully. For extra guidance, please refer to the editing checklist (attached). Remember to watch for spelling mistakes! Bring in your completed work on the first day of school.

### Paragraph One: Science

have you ever wondered y magnets are able to push, or pull certain objects! Magnets. Are made from steel or mixtures of iron and other metals. Magnets attract to push or pull other charged metals. Iron steel cobalt and nickel are all charged metals. This means that if a large magnet was placed above a steel car it would attract it. Junkyards uses powerful electromagnets to move heavy metal objects from place to place. Magnets may be common, but their very important:

### Paragraph Two: Geography

The continent of antartica is a land of extemes? It is located farther south than any of the other 6 continents it includes the geographic South Pole. Although 98 percent of Antarctica is covered with ice, this icy continent actually boasts the world's largest dessert. That is becuae a d'esert is defined as an area that recieves less than ten inches of rain each year, Antarctica gets only about 2 inches of rain each year, so there r almost no plants or animals there. Though no humans live they're permanently, some scientists spend time on Antarctica in research bases.



### Paragraph Three: History

Have you ever read the book Lady Liberty by Doreen Rappaport! It tells all about the history of one of our greatest national symbols, On July 4 1884, France presented the United States with an incredible birthday gift: the Statue of Liberty! Without its pedestal it is as tall as a fifteen-story building. She represents the United States, but the world-famous statue of Liberty standing in the New York Harbor was built in France. The statue was presented to the US, taken apart shipped across the Atlantic ocean in crates, and rebuilt here in our country. It was France's gift to the American people. Finally, in 1886, the statue was dedicated.

### Paragraph Four: Religion

One day a leper came to Jesus and begged to be healed? Feeling sorry for him, Jesus stretched out his hand and touched him. Blessing him, Jesus healed the man, Jesus told the man to go in peace. To show only the holy men of the city. That he had been healed. The man went away and began to tell every one about the miracle that he had experienced. Soon many people began to come to Jesus to ask to be healed. Jesus performed many miracles, which caused many people to believe.

### Paragraph Five: Math

Math may not be your favorite subject, but is something that we all must use every single day. Without math, computers and cell phones would not work. Whether you know it or not, math is all around you. You do not need to be a scientist to use math. Teachers, bankers, writers and chefs all use math in their jobs as well. Your parents depend on the math facts they learned in elementary school to figure out a family budget, go shopping, and make dinner. So even if you find math boring, you should probably pay attention. You never know when you're going to need it!

### Editing Checklist for Incoming Fifth Grade

- ☐ First letter of first and last names capitalized
- ☐ Capital letter to begin each sentence
- ☐ Correct punctuation at the end of each sentence
- ☐ Capitalization of all proper nouns (people, places, things)
- ☐ Indent new paragraphs
- ☐ Commas used in a series
- ☐ All sentences contain a clear 'who' and 'what'- no fragments
- ☐ Numbers nine and below written out
- ☐ Correct spelling
- ☐ Correct use of homophones
- ☐ Subject-verb agreement

## Math Assignment: Mad Minute Summer Challenge!

This summer, you will focus on one of the most important foundational skills to help you succeed in 5th grade math - Multiplication Fact Mastery!

**\*To complete the Mad Minute Summer Challenge, follow these steps:**

Step 1: PRACTICE FIRST!!	<ul style="list-style-type: none"><li>• Break up facts into manageable chunks.</li><li>• Create a simple visual (e.g. flashcards) for each set of facts (0-10). See attached multiplication table.</li><li>• Practice &amp; master <u>one set at a time</u>.</li><li>• Master easier sets first, then move on to more challenging ones.</li><li>• You can also practice by using recitation, games, and worksheets to develop mastery.</li></ul>
Step 2: TRACK YOUR PROGRESS	<ul style="list-style-type: none"><li>• Once you feel confident with a times table, test yourself with a mad minute.</li><li>• Stop when the minute is up, count the number you got correct, and record your score on the Mad Minute Tracking Form (see sample).</li><li>• Keep testing the same set each day until you reach a minimum of 20 facts/minute. Then start practicing your next set.</li></ul>
Step 3: MEET THE CHALLENGE!!	<ul style="list-style-type: none"><li>• On the first day of school, turn in your Mad Minute Tracking Forms and earn fuzzy bucks to spend on prizes in my Corner Store!!<ul style="list-style-type: none"><li>◦ 8 weeks (40 days) of Mad Minutes = 3 fuzzy bucks</li><li>◦ 6 weeks (30 days) of Mad Minutes = 2 fuzzy bucks</li><li>◦ 4 weeks (20 days) of Mad Minutes = 1 fuzzy buck</li></ul></li></ul>

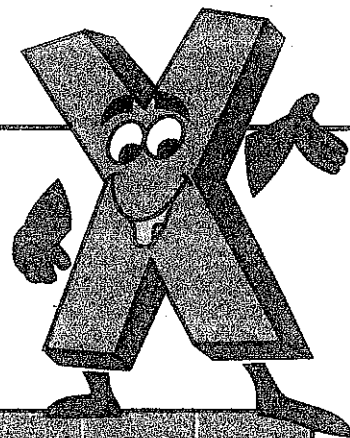
**\*Materials included in this packet:**

- ☐ Multiplication table (to help you make flashcards)
- ☐ Mad Minute test sheets (x0 - x10) Make extra copies of these. You may need to test yourself for several days before you master a set.
- ☐ Sample of Mad Minute Tracking Form Use this as an example of how you should fill out yours.
- ☐ Mad Minute Tracking Forms (20 problems/30 problems). Make extra copies of these. You will need one form for each week. Use the 20 problem sheet if you are working on mastery. Use the 30 problem sheet to improve your speed on facts that you have mastered.

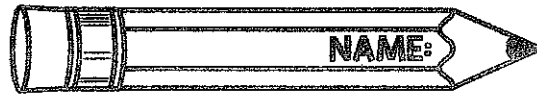
**GOOD LUCK!!**

Name: \_\_\_\_\_

## Multiplication Table



<b>x</b>	<b>0</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>
<b>0</b>	0	0	0	0	0	0	0	0	0	0	0
<b>1</b>	0	1	2	3	4	5	6	7	8	9	10
<b>2</b>	0	2	4	6	8	10	12	14	16	18	20
<b>3</b>	0	3	6	9	12	15	18	21	24	27	30
<b>4</b>	0	4	8	12	16	20	24	28	32	36	40
<b>5</b>	0	5	10	15	20	25	30	35	40	45	50
<b>6</b>	0	6	12	18	24	30	36	42	48	54	60
<b>7</b>	0	7	14	21	28	35	42	49	56	63	70
<b>8</b>	0	8	16	24	32	40	48	56	64	72	80
<b>9</b>	0	9	18	27	36	45	54	63	72	81	90
<b>10</b>	0	10	20	30	40	50	60	70	80	90	100



## Multiplication x0

$$\begin{array}{r} 0 \\ \times 0 \\ \hline \end{array}$$

$$\begin{array}{r} 0 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 0 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times 0 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ \times 0 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 0 \\ \hline \end{array}$$

$$\begin{array}{r} 0 \\ \times 10 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 0 \\ \hline \end{array}$$

$$\begin{array}{r} 0 \\ \times 1 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ \times 0 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 0 \\ \hline \end{array}$$

$$\begin{array}{r} 0 \\ \times 10 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 0 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ \times 0 \\ \hline \end{array}$$

$$\begin{array}{r} 0 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 0 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 0 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ \times 0 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ \times 0 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 0 \\ \hline \end{array}$$

$$\begin{array}{r} 0 \\ \times 0 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times 0 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ \times 0 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ \times 0 \\ \hline \end{array}$$

$$\begin{array}{r} 0 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 0 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 0 \\ \hline \end{array}$$

$$\begin{array}{r} 0 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 0 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 0 \\ \hline \end{array}$$

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$$\begin{array}{r} 4 \\ \times 0 \\ \hline \end{array}$$

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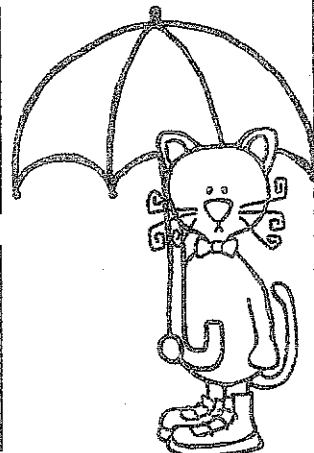
$$\begin{array}{r} 1 \\ \times 0 \\ \hline \end{array}$$

$$\begin{array}{r} 0 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 0 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \\ \times 0 \\ \hline \end{array}$$

$$\begin{array}{r} 0 \\ \times 1 \\ \hline \end{array}$$





## Multiplication xl

$$\begin{array}{r} 1 \\ \times 1 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 1 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 1 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ \times 1 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ \times 1 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ \times 1 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ \times 5 \\ \hline \end{array}$$

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$$\begin{array}{r} 6 \\ \times 0 \\ \hline \end{array}$$

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$$\begin{array}{r} 3 \\ \times 1 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 1 \\ \hline \end{array}$$

$$\begin{array}{r} 0 \\ \times 1 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 1 \\ \hline \end{array}$$

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$$\begin{array}{r} 1 \\ \times 1 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ \times 1 \\ \hline \end{array}$$

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$$\begin{array}{r} 1 \\ \times 7 \\ \hline \end{array}$$

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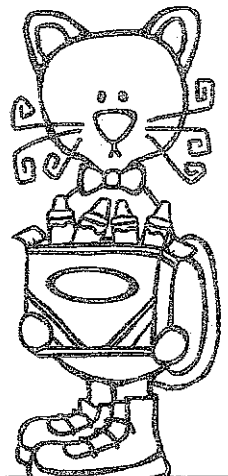
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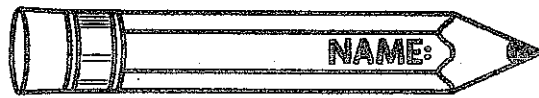
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$$\begin{array}{r} 1 \\ \times 1 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 1 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ \times 10 \\ \hline \end{array}$$





## Multiplication x2

$$\begin{array}{r} 2 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ \times 10 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ \times 9 \\ \hline \end{array}$$

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$$\begin{array}{r} 9 \\ \times 2 \\ \hline \end{array}$$

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$$\begin{array}{r} 2 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 0 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ \times 2 \\ \hline \end{array}$$

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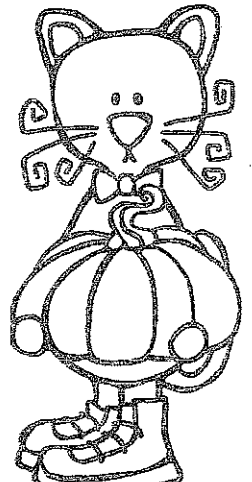
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## Multiplication x3

$$\begin{array}{r} 3 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 3 \\ \hline \end{array}$$

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

$$\begin{array}{r} 3 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 0 \\ \times 3 \\ \hline \end{array}$$

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$$\begin{array}{r} 8 \\ \times 3 \\ \hline \end{array}$$

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$$\begin{array}{r} 3 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 0 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ \times 0 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 3 \\ \hline \end{array}$$

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$$\begin{array}{r} 7 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ \times 0 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ \times 7 \\ \hline \end{array}$$

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

$$\begin{array}{r} 8 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 0 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 3 \\ \hline \end{array}$$







## Multiplication x4

$$\begin{array}{r} 1 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 0 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 0 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times 10 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times 0 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times 10 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 0 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 4 \\ \hline \end{array}$$

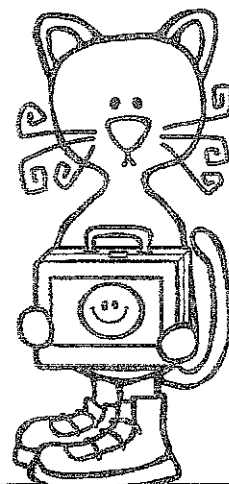
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$$\begin{array}{r} 6 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times 10 \\ \hline \end{array}$$

$$\begin{array}{r} 0 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 4 \\ \hline \end{array}$$





## Multiplication x5

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

$$\begin{array}{r} 2 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 10 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 0 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 8 \\ \hline \end{array}$$

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

$$\begin{array}{r} 0 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 6 \\ \hline \end{array}$$

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

$$\begin{array}{r} 10 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 0 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times 5 \\ \hline \end{array}$$

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

$$\begin{array}{r} 5 \\ \times 0 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 10 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 2 \\ \hline \end{array}$$

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

$$\begin{array}{r} 8 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 0 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 8 \\ \hline \end{array}$$

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

$$\begin{array}{r} 1 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 0 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 2 \\ \hline \end{array}$$

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

$$\begin{array}{r} 5 \\ \times 10 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ \times 5 \\ \hline \end{array}$$

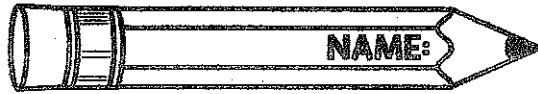
$$\begin{array}{r} 10 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 8 \\ \hline \end{array}$$





## Multiplication x6

$$\begin{array}{r} 5 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 10 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 0 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 0 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 10 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 0 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 10 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 0 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 9 \\ \hline \end{array}$$

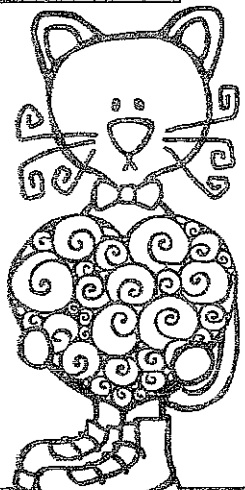
$$\begin{array}{r} 3 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 6 \\ \hline \end{array}$$





## Multiplication x7

$$\begin{array}{r} 7 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 10 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 0 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 1 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 0 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 0 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 0 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 7 \\ \hline \end{array}$$

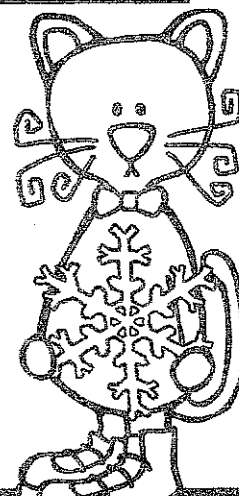
$$\begin{array}{r} 2 \\ \times 7 \\ \hline \end{array}$$

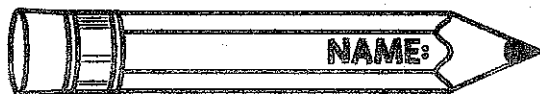
$$\begin{array}{r} 10 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 7 \\ \hline \end{array}$$





## Multiplication x8

$$\begin{array}{r} 8 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 10 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 0 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 0 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 10 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 0 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 10 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 2 \\ \hline \end{array}$$

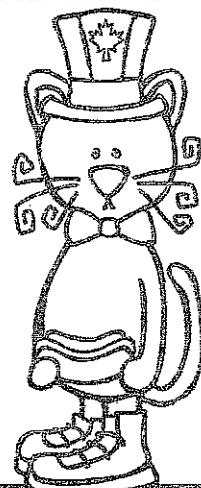
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$$\begin{array}{r} 4 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 5 \\ \hline \end{array}$$





## Multiplication x9

$$\begin{array}{r} 8 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 10 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 0 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 10 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 10 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 10 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 10 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 9 \\ \hline \end{array}$$

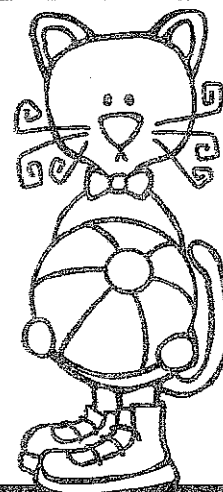
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$$\begin{array}{r} 10 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 0 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 3 \\ \hline \end{array}$$





## Multiplication x10

$$\begin{array}{r} 10 \\ \times 1 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ \times 10 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ \times 10 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ \times 10 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 10 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 10 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 0 \\ \times 10 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 10 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ \times 10 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 10 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 10 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 0 \\ \times 10 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 10 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ \times 0 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 10 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 10 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ \times 10 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ \times 1 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ \times 2 \\ \hline \end{array}$$

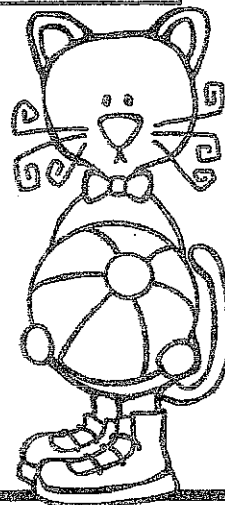
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$$\begin{array}{r} 10 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 10 \\ \hline \end{array}$$

$$\begin{array}{r} 0 \\ \times 10 \\ \hline \end{array}$$





# Mad Minute Tracking Form



Name: Sample Student

Number of Problems Completed Correctly	20					
	19					
	18					
	17					
	16					
	15					
	14					
	13					
	12					
	11					
	10					
	9					
	8					
	7					
	6					
	5					
	4					
	3					
	2					
	1					
	Monday	Tuesday	Wednesday	Thursday	Friday	
Date	7/10	7/11	7/12	7/13	7/14	
Operation	2x	2x	2x	3x	3x	





# Mad Minute Tracking Form



Name: \_\_\_\_\_

Number of Problems Completed Correctly	20					
	19					
	18					
	17					
	16					
	15					
	14					
	13					
	12					
	11					
	10					
	9					
	8					
	7					
	6					
	5					
	4					
	3					
	2					
	1					
	Monday	Tuesday	Wednesday	Thursday	Friday	
Date						
Operation						

# Mad Minute Tracking Form



Name: \_\_\_\_\_

Number of Problems Completed Correctly

30					
29					
28					
27					
26					
25					
24					
23					
22					
21					
20					
19					
18					
17					
16					
15					
14					
13					
12					
11					
10					
9					
8					
7					
6					
5					
4					
3					
2					
1					

	Monday	Tuesday	Wednesday	Thursday	Friday
Date					
Operation					

