

TO: All incoming fourth grades students and parents/guardians
FROM: Mrs. Ludwick, fourth grade math teacher
REF: Memorization of Multiplication and Division Facts



Fourth grade instruction in math is going to begin with multiplication. It is **IMPERATIVE** that you come to school in August having **ALL** of your multiplication and division facts **MEMORIZED**. By now, you should have your two through five and ten tables memorized. You have been working with the two through five tables for two years, and the ten table is just easy to know. You learned the tables of six through twelve in third grade. These facts must be memorized too if you want to be very successful with fourth grade math. If you cannot recall these facts rapidly, do whatever **YOU** need to do to get them memorized – write them, study them by making flashcards that you can play a matching game with, play games on the computer, walk around saying them out loud, get an adult to quiz/test you orally and written – whatever will help you get these memorized!!!!

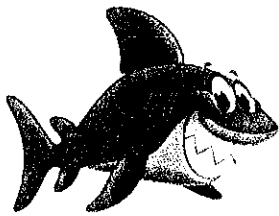
Attached are the tables of six through nine and the 11 and 12 tables. Please, please, please make memorization of these a goal for yourself this summer. You will be a much happier fourth grade math student!

Student name _____

Parent/Guardian signature _____

**RETURN THIS PAPER TO MRS. LUDWICK ON THE FIRST DAY OF SCHOOL .
BRING THE TABLE TIDBITS PACKET WITH YOU TOO .**





GRADE 4

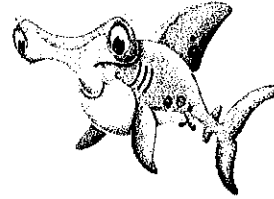


TABLE TIDBITS

REMEMBER THESE DIVISION RULES!

Any number times zero and zero times any number always equals zero.

$$n \times 0 = 0 \text{ and } 0 \times n = 0$$

Zero can be divided by any number. The quotient will always be zero.

$$0 \div n = 0$$

Numbers can NEVER be divided by zero.

$$n \div 0 \text{ cannot be done!!!!}$$

Any number times one and one times any number will always equal that number.

$$n \times 1 = n \text{ and } 1 \times n = n$$

Any number divided by one always equals that number.

$$n \div 1 = n$$

Any number divided by itself always equals one.

$$n \div n = 1$$



+ Name _____

Tables of 6

x

÷

$$2 \times 6 = 12$$

$$12 \div 6 = 2$$

$$3 \times 6 = 18$$

$$18 \div 6 = 3$$

$$4 \times 6 = 24$$

$$24 \div 6 = 4$$

$$5 \times 6 = 30$$

$$30 \div 6 = 5$$

$$6 \times 6 = 36$$

$$36 \div 6 = 6$$

$$7 \times 6 = 42$$

$$42 \div 6 = 7$$

$$8 \times 6 = 48$$

$$48 \div 6 = 8$$

$$9 \times 6 = 54$$

$$54 \div 6 = 9$$

$$10 \times 6 = 60$$

$$60 \div 6 = 10$$

$$11 \times 6 = 66$$

$$66 \div 6 = 11$$

$$12 \times 6 = 72$$

$$72 \div 6 = 12$$

Over
:

+ Name _____

Tables of 7

x

÷

$$2 \times 7 = 14$$

$$14 \div 7 = 2$$

$$3 \times 7 = 21$$

$$21 \div 7 = 3$$

$$4 \times 7 = 28$$

$$28 \div 7 = 4$$

$$5 \times 7 = 35$$

$$35 \div 7 = 5$$

$$6 \times 7 = 42$$

$$42 \div 7 = 6$$

$$7 \times 7 = 49$$

$$49 \div 7 = 7$$

$$8 \times 7 = 56 \textcircled{\smile}$$

$$\textcircled{\smile} 56 \div 7 = 8$$

$$9 \times 7 = 63$$

$$63 \div 7 = 9$$

$$10 \times 7 = 70$$

$$70 \div 7 = 10$$

$$11 \times 7 = 77$$

$$77 \div 7 = 11$$

$$12 \times 7 = 84$$

$$84 \div 7 = 12$$

+ Name _____

Tables of 8

x	÷
$2 \times 8 = 16$	$16 \div 8 = 2$
$3 \times 8 = 24$	$24 \div 8 = 3$
$4 \times 8 = 32$	$32 \div 8 = 4$
$5 \times 8 = 40$	$40 \div 8 = 5$
$6 \times 8 = 48$	$48 \div 8 = 6$
$7 \times 8 = 56 \text{☺}$	$\text{☺} 56 \div 8 = 7$
$8 \times 8 = 64$	$64 \div 8 = 8$
$9 \times 8 = 72$	$72 \div 8 = 9$
$10 \times 8 = 80$	$80 \div 8 = 10$
$11 \times 8 = 88$	$88 \div 8 = 11$
$12 \times 8 = 96$	$96 \div 8 = 12$

over
:

+

Name _____

Tables of 9**x****÷**

$2 \times 9 = 18$

$18 \div 9 = 2$

$3 \times 9 = 27$

$27 \div 9 = 3$

$4 \times 9 = 36$

$36 \div 9 = 4$

$5 \times 9 = 45$

$45 \div 9 = 5$

$6 \times 9 = 54$

$54 \div 9 = 6$

$7 \times 9 = 63$

$63 \div 9 = 7$

$8 \times 9 = 72$

$72 \div 9 = 8$

$9 \times 9 = 81$

$81 \div 9 = 9$

$10 \times 9 = 90$

$90 \div 9 = 10$

$11 \times 9 = 99$

$99 \div 9 = 11$

$12 \times 9 = 108$

$108 \div 9 = 12$

+

Name _____

Tables of 11

x

÷

$$2 \times 11 = 22$$

$$22 \div 11 = 2$$

$$3 \times 11 = 33$$

$$33 \div 11 = 3$$

$$4 \times 11 = 44$$

$$44 \div 11 = 4$$

$$5 \times 11 = 55$$

$$55 \div 11 = 5$$

$$6 \times 11 = 66$$

$$66 \div 11 = 6$$

$$7 \times 11 = 77$$

$$77 \div 11 = 7$$

$$8 \times 11 = 88$$

$$88 \div 11 = 8$$

$$9 \times 11 = 99$$

$$99 \div 11 = 9$$

$$10 \times 11 = 110$$

$$110 \div 11 = 10$$

$$11 \times 11 = 121$$

$$121 \div 11 = 11$$

$$12 \times 11 = 132$$

$$132 \div 11 = 12$$

Over



+

Name _____

Tables of 12

x

÷

$$2 \times 12 = 24$$

$$24 \div 12 = 2$$

$$3 \times 12 = 36$$

$$36 \div 12 = 3$$

$$4 \times 12 = 48$$

$$48 \div 12 = 4$$

$$5 \times 12 = 60$$

$$60 \div 12 = 5$$

$$6 \times 12 = 72$$

$$72 \div 12 = 6$$

$$7 \times 12 = 84$$

$$84 \div 12 = 7$$

$$8 \times 12 = 96$$

$$96 \div 12 = 8$$

$$9 \times 12 = 108$$

$$108 \div 12 = 9$$

$$10 \times 12 = 120$$

$$120 \div 12 = 10$$

$$11 \times 12 = 132$$

$$132 \div 12 = 11$$

$$12 \times 12 = 144$$

$$144 \div 12 = 12$$

Summer time reading is here! We can't wait to share the book Frindle by Andrew Clements with you!

This summer 2026 you will be reading the book Frindle as your main summer time reading before you enter 4th grade. We are looking forward to your doing the activities in the packet as well as extended activities when you return to school in the fall. We are going to do a culminating project as well as a book talk when you return. The packet is going to be your first reading grade, so make sure you get it done and returned on the first day of school. Please work and color neatly.

Enclosed you will find a table of contents for each activity. PLEASE READ THROUGH ALL OF THE PACKET TO SEE WHAT THE ACTIVITIES ARE BEFORE YOU START TO READ. Some activities are ongoing so you need to do it as you read, ie. new words page. After you read Frindle, please continue to read throughout the summer a variety of books and genres. Please take advantage of the IXL computer program as well. The student's membership lasts through the summer. The rubric is the last page of this packet. They can do reading, language arts and math.

The book is available on the Scholastic Store website and Barnes and Noble. Usually, the book is around \$7.99 in paperback.

HAPPY READING!

Mrs. Feusner and Mrs. Ludwick



Table of Contents for Frindle Activities

1. Frindle Cover - put name on it
2. Main Character
3. Writing Summaries
4. Favorite Scene Drawing
5. My New Words
6. Rubric

Frindle

By Andrew Clements

Name _____

Main Character

What do you
imagine him to look
like?

Name his family
members.

Draw **NICK** and
his family members.

Describe
their class.

How is he
similar to
you?

DRAW IT

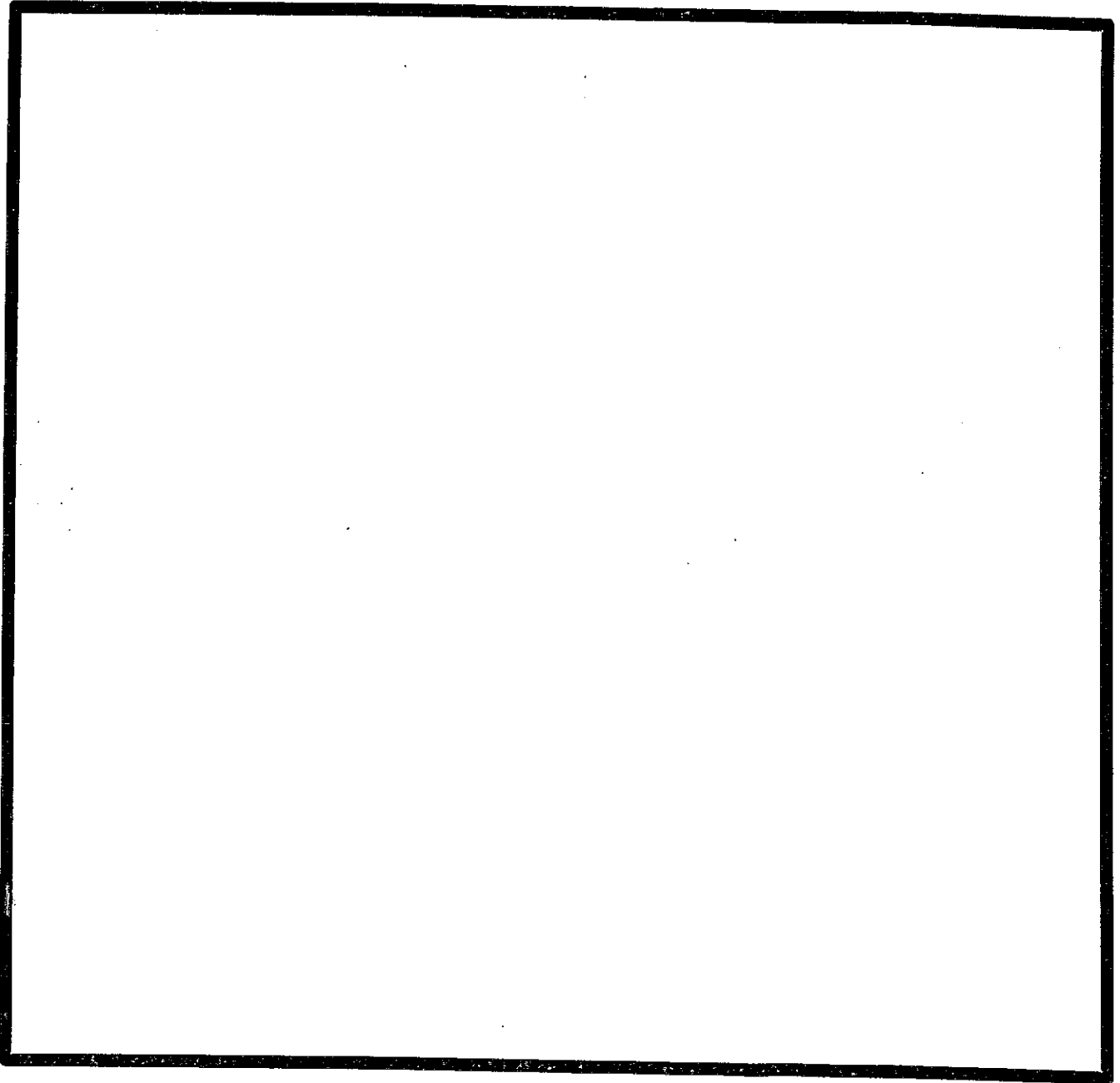
Explain it

DRAW IT

Explain it

Choose 2 chapters to write short summaries about. Remember, summaries don't retell all the details and facts. Summaries give the main idea about what you read. Color neatly.

Draw and label your favorite scene from
Frindle. Please color
with colored pencils or crayons.



Please write 5 words you didn't know when you were reading. Then look up and learn their meaning. Write it below

My New Words

1.

2.

3.

4.

5.

Name _____

Date _____

Summer Reading Rubric

The Summer Reading Packet was handed in on the first day of school (5 points) _____

The Summer Reading Packet is complete (10 points) _____

The Summer Reading Packet is done neatly (5 points) _____

Total Points Earned _____