

Math Summer Work For Students Entering Grade 5

First, students **MUST** master their multiplication and division facts before entering 5th grade. After a short review, we head right into long multiplication and division. Students who do not know their facts will find our course challenging. Starting in the first full week of school, and each week thereafter, students will have a timed test on multiplication and/or division facts through the first term.

I recommend using multiplication/division flashcards daily, store bought or homemade. Do not try to master all tables at once. I always say take a few at a time, master those and then move on when ready. It is important to start this early in the summer, especially if this was a challenge in Grade 4.

Second, complete the attached packet. It is a review of many concepts. Please complete the work neatly and on time as this will count as the first Math grade of the 1st term. If you need more room to show your work, please use loose paper. **Current students received a copy of the work in school before the last day.**

This work is due on the first day of school.

Have a great summer!!

Ms. Boan

Name: _____



Math Buzz

Write the number in standard, word, and expanded form.

5 ten thousands 8 thousands, 3 hundreds 7 tens 4 ones

standard: _____

word: _____

expanded: _____

Add.

_____ = **41,748 + 17,963**

$$\begin{array}{r} 264,675 \\ + 8,597 \\ \hline \end{array}$$

Find the sum of
5,832 and 13,469.

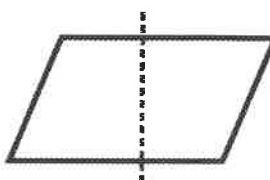
Fill in the missing numbers.

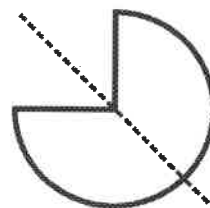
63 is _____ times as many as **9**.

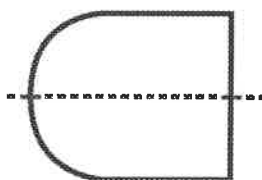
121 is 11 times as many as _____.

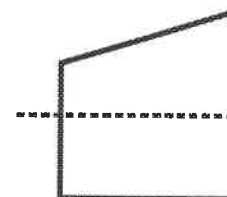
_____ is 5 times as many as **15**.

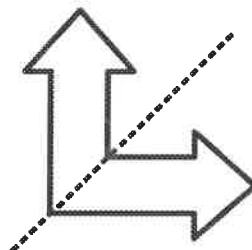
Tell whether the dotted line on each shape represents a line of symmetry. Write **yes** or **no**.

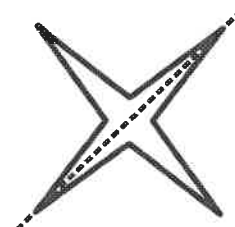












Name: _____



Math Buzz

Write the values of the underlined digits.

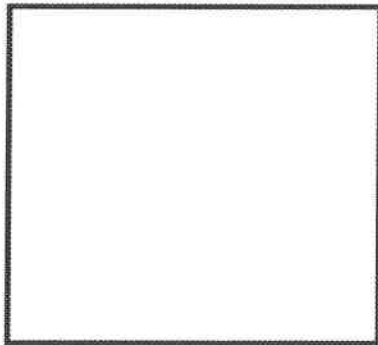
254,139

146,523

32,916

Find the perimeter of the rectangle.

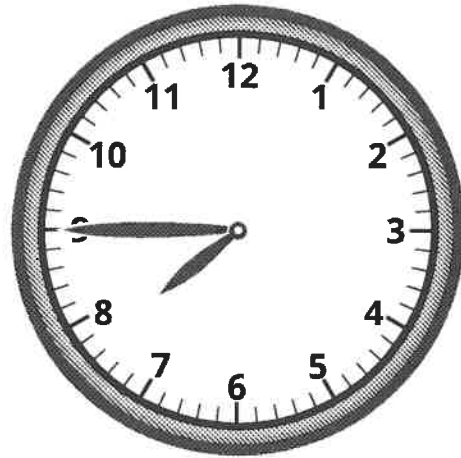
20 cm



18 cm

Perimeter = _____ cm

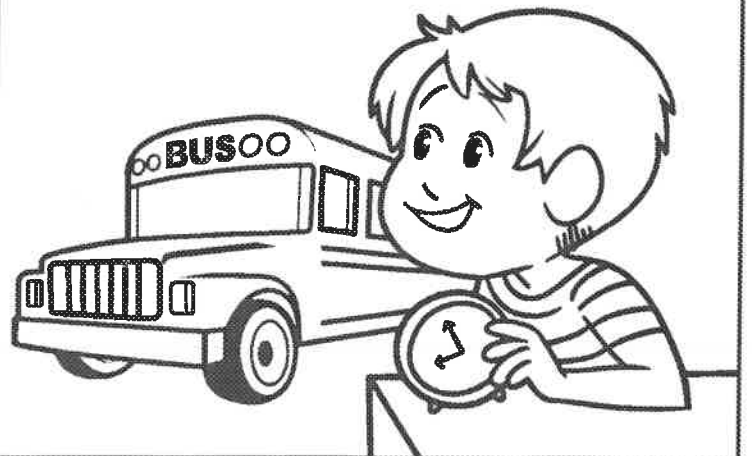
The clock below shows the time Cameron got on the bus. The minute hand turned 90° by the time the bus arrived at school. What time did the bus arrive at school?



_____ A.M.

List the factor pairs for 48.

$1 \times 48 = 48$	1, 48
_____ \times _____ = 48	
_____ \times _____ = 48	
_____ \times _____ = 48	
_____ \times _____ = 48	



Name: _____



Math Buzz

Compare each set of numbers using $>$, $<$, or $=$.

$$6,510 \quad \underline{\hspace{2cm}} \quad 60,000 + 1,000 + 400 + 5$$

$$\begin{array}{l} \text{ninety thousand,} \\ \text{six hundred fifty-three} \end{array} \quad \underline{\hspace{2cm}} \quad 19,989$$

$$43,078 \quad \underline{\hspace{2cm}} \quad 4 \text{ ten thousands } 3 \text{ thousands, } 7 \text{ tens } 8 \text{ ones}$$

Subtract.

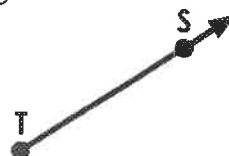
$$\underline{\hspace{2cm}} = 50,162 - 30,857$$

$$\begin{array}{r} 463,041 \\ - 4,653 \\ \hline \end{array}$$

Find the difference between 26,565 and 9,589.

Draw a line to match each figure.

point



ray



line



line segment

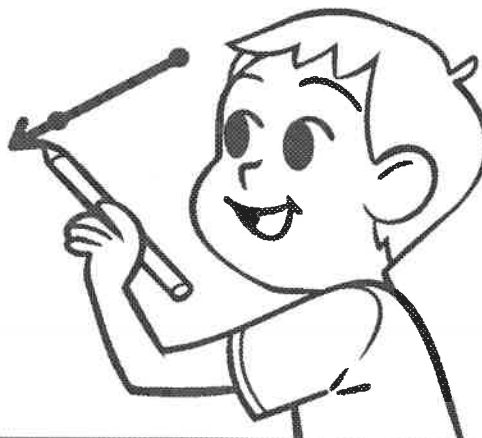


Fill in the missing numbers.

$$1 \times \boxed{\hspace{1cm}} = 40$$

$$0 = \boxed{\hspace{1cm}} \times 64$$

$$\boxed{\hspace{1cm}} \times 10 = 10 \times 28$$



Name: _____



Math Buzz

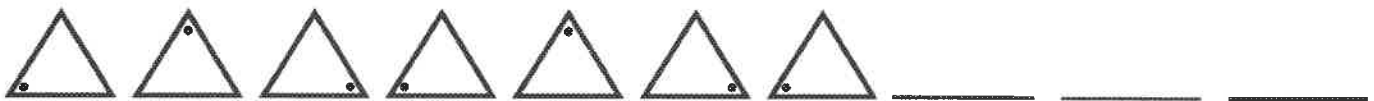
Order the numbers from **least to greatest**.

92,765

206,579

75,296

Continue the pattern.



Fill in the missing multiples of **12**.

12, 24, 36, 48, 60,

_____, _____, _____,

_____, _____, _____,



The picture graph below shows the shadow lengths of a flagpole Mr. Panelli's class recorded throughout the school day.

Shadow Length									
10:00 A.M.									
11:00 A.M.									
12:00 P.M.									
1:00 P.M.									

Each = 100 centimeters

What is the difference in length between the longest and shortest shadows recorded?

At what time of day was the length of the flagpole's shadow 200 centimeters shorter than the shadow length recorded at 1:00 P.M.?



Name: _____

Math Buzz

Eden's mom bought 3 cartons of organic eggs at the farmer's market. Each carton holds a dozen eggs. After she got home, she combined the eggs she bought at the market with the 4 eggs left in the refrigerator. Determine the total number of eggs.

Write an equation with the letter e to represent the unknown quantity and solve.

equation: _____

 $e =$ _____Round to the **nearest ten**.**57,309** _____Round to the **nearest hundred**.**89,648** _____Round to the **nearest thousand**.**36,712** _____Write **equivalent** or **not equivalent** for each set of fractions. $\frac{1}{8}$ and $\frac{4}{16}$ _____ $\frac{2}{3}$ and $\frac{8}{12}$ _____

Multiply.

_____ = 39×8

$$\begin{array}{r} 257 \\ \times 4 \\ \hline \end{array}$$

Find the product of 6 and 85.

Name: _____

2-Digit and 3-Digit Dividends;
No Remainders

Division



a. $2 \overline{) 28}$

b. $3 \overline{) 45}$

c. $4 \overline{) 40}$

d. $2 \overline{) 32}$

e. $4 \overline{) 84}$

f. $5 \overline{) 100}$

g. $7 \overline{) 154}$

h. $9 \overline{) 288}$

i. $6 \overline{) 330}$

j. $8 \overline{) 648}$

- k. A lion eats 462 pounds of food in a week. If the lion eats the same amount of food each day, how many pounds does a lion eat per day?

Show your work and label your answer.

Name: _____

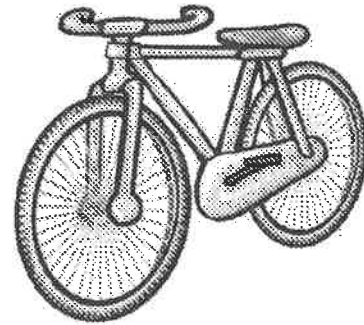
Multiplication: 3-Digit by 1-Digit

Multiplication

Find the product.

a.
$$\begin{array}{r} 542 \\ \times 7 \\ \hline \end{array}$$

b.
$$\begin{array}{r} 836 \\ \times 5 \\ \hline \end{array}$$



c.
$$\begin{array}{r} 978 \\ \times 3 \\ \hline \end{array}$$

d.
$$\begin{array}{r} 650 \\ \times 9 \\ \hline \end{array}$$

e.
$$\begin{array}{r} 264 \\ \times 6 \\ \hline \end{array}$$

f.
$$\begin{array}{r} 791 \\ \times 8 \\ \hline \end{array}$$

g.
$$\begin{array}{r} 378 \\ \times 4 \\ \hline \end{array}$$

h.
$$\begin{array}{r} 895 \\ \times 7 \\ \hline \end{array}$$

i.
$$\begin{array}{r} \$746 \\ \times 2 \\ \hline \end{array}$$

j.
$$\begin{array}{r} \$958 \\ \times 9 \\ \hline \end{array}$$

- k. Isabelle wants to buy a new bicycle. She has saved \$9.76. Her mom tells her she needs to save 8 times that amount. How much money does Isabelle need in order to buy a bicycle?

- l. Henry bought movie tickets for himself and 6 of his friends. Each movie ticket cost \$7.85. How much money did Henry spend on tickets?

Name: _____

Cut out the numbers on the attached page. Glue them in the tables below, making sets of equal numbers.

standard form	23,400
word name	twenty-three thousand, four hundred eight
expanded form	$20,000+3,000+400+8$

standard form	
word name	
expanded form	

standard form	
word name	
expanded form	

standard form	
word name	
expanded form	

standard form	
word name	
expanded form	

standard form	
word name	
expanded form	

twenty-three thousand, four hundred eight Example	20,308
32,040	$30,000+2,000+400+8$
$30,000+2,000+400$	twenty-three thousand, four hundred eighty
thirty-two thousand, four hundred eight	23,408 Example
$20,000+3,000+400+80$	thirty-two thousand, four hundred
20,000+3,000+400+8 Example	$20,000+300+8$
twenty thousand, three hundred eight	32,400
23,480	$30,000+2,000+40$
32,408	thirty-two thousand, forty

Reading Summer Work For Students Entering Grade 5

Students will read Frindle by Andrew Clements for summer work. This book is available at public libraries, online, and at any local bookstore.

Attached are the pages to be printed and completed. Please complete the work neatly and on time as this will count as the first Reading Comprehension grade of the 1st term. **Current students received a copy of the work in school before the last day of school.**

It is recommended that students read a little bit each day to keep up their fluency. It is also helpful that this work be completed in a timely manner, not all at once.

This work is due on the first day of school.

I also encourage students to read any books that they find interesting over the summer. Even favorite magazines, comic books, graphic novels, etc.

Have a great Summer!!!
Ms. Boen

Name: _____

Frindle

Chapters 1 - 5



1. What is the name of Nick Allen's elementary school?
 - a. Washington Elementary
 - b. Lincoln Elementary
 - c. Jefferson Elementary
 - d. Kennedy Elementary

2. When Nick Allen was in third grade, what did he turn Miss Deaver's classroom into?
 - a. a tropical island
 - b. a ski resort
 - c. a water park
 - d. an aquarium

3. What did Mrs. Granger expect every student to have at their home?
 - a. an encyclopedia
 - b. a thesaurus
 - c. a dictionary
 - d. Internet access

4. What special quality made Mrs. Granger famous?
 - a. X-ray vision
 - b. eyes in back of her head
 - c. extraordinary strength
 - d. super hearing

Name: _____

Vocabulary

Frindle

Chapters 1 - 5



Fill in the missing letters to create a word from the story. Then write the full word on the line. Be sure each word is spelled correctly.

1. ____r i ____s ____n
clue: a shade of red

1. _____

2. p ____u n ____e ____
clue: moved quickly and suddenly

2. _____

3. ____e a ____i ____g
clue: smiling happily

3. _____

4. f ____a ____t i ____ ____l l ____
clue: uncontrolled; hurried

4. _____

5. a ____ ____u ____i n t ____d
clue: to get to know something or someone

5. _____

6. ____r i ____l ____
clue: very formal or proper

6. _____

Name: _____

Frindle



In Chapter 2 of *Frindle* the reader is introduced to Mrs. Granger. Using the character description in the book, draw a picture of Mrs. Granger. Then, on the lines below, describe her personality.

Name: _____

Vocabulary Frindle

Chapters 6 - 10



Match each vocabulary word from the story, "Frindle" to the correct definition on the right. Write the letter on the line.

_____ 1. absorbed

_____ 2. clattered

_____ 3. abruptly

_____ 4. vandalism

_____ 5. phony

_____ 6. fad

_____ 7. forbidding

_____ 8. emphasize

_____ 9. scattered

_____ 10. authority

a. something that is very popular for a short time

b. to put special attention on someone or something

c. not real or genuine

d. to take in something

e. to separate things into different directions

f. the power to make decisions or give orders

g. purposely destroying or damaging property

h. not allowing someone to do something

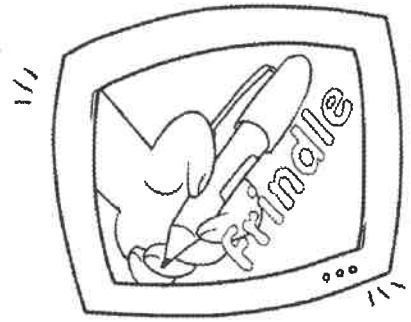
i. made a series of short, loud, noises

j. very sudden

Name: _____

Frindle

Chapters 11 - 15



1. How did Bud Lawrence use frindle's popularity to make a company?

2. What potential problem did Bud Lawrence face?

3. Why didn't Mr. Allen want Nick to know about his contract with Bud?

4. True or False?

In Westfield, frindle became a normal word that people used daily. _____

Name: _____

Frindle

Whole Book Questions



**Part 1: Choose the best answer for each question.
Write the letter on the line.**

1. _____ Which word does not describe Nick Allen?

a. clever	b. smart
c. inventive	d. mean

2. _____ Mrs. Granger taught what class?

a. social studies	b. language arts
c. science	d. mathematics

3. _____ What kind of question was Nick known for asking?

a. unstoppable question	b. end of class question
c. time waster question	d. show stopping question

4. _____ What did the fifth grade class say when their class picture was taken?

a. frindle	b. Lone Granger
c. cheese	d. Nick

5. _____ If students used the word frindle what was their punishment?

a. expulsion	b. forced to use pencils
c. lunch with Mrs. Granger	d. stay after school

Name: _____

Frindle

Whole Book Questions



Part 2: Tell whether each sentence is true or false.
Write true or false on the line.

6. _____ Bud Lawrence started manufacturing frindles.
7. _____ Nick's dad kept the money he received from frindles.
8. _____ Mrs. Granger thought Nick ruined the English language with his word.
9. _____ Nick received Mrs. Granger's letter at the end of 5th grade.
10. _____ A scholarship fund was set up in Lorelei Granger's name that had an initial donation of one million dollars.

Name: _____

Frindle

Whole Book Questions



Part 3: Tell which character is speaking for each quote below. Choose from the characters in the box. Not all characters will be used.

Nick Allen

Mrs. Granger

Janet Fisk

Mrs. Chatham

Judy Morgan

Bud Lawrence

Mrs. Allen

Miss Deaver

11. "Is there really any harm in the children making up a funny word and saying it?"

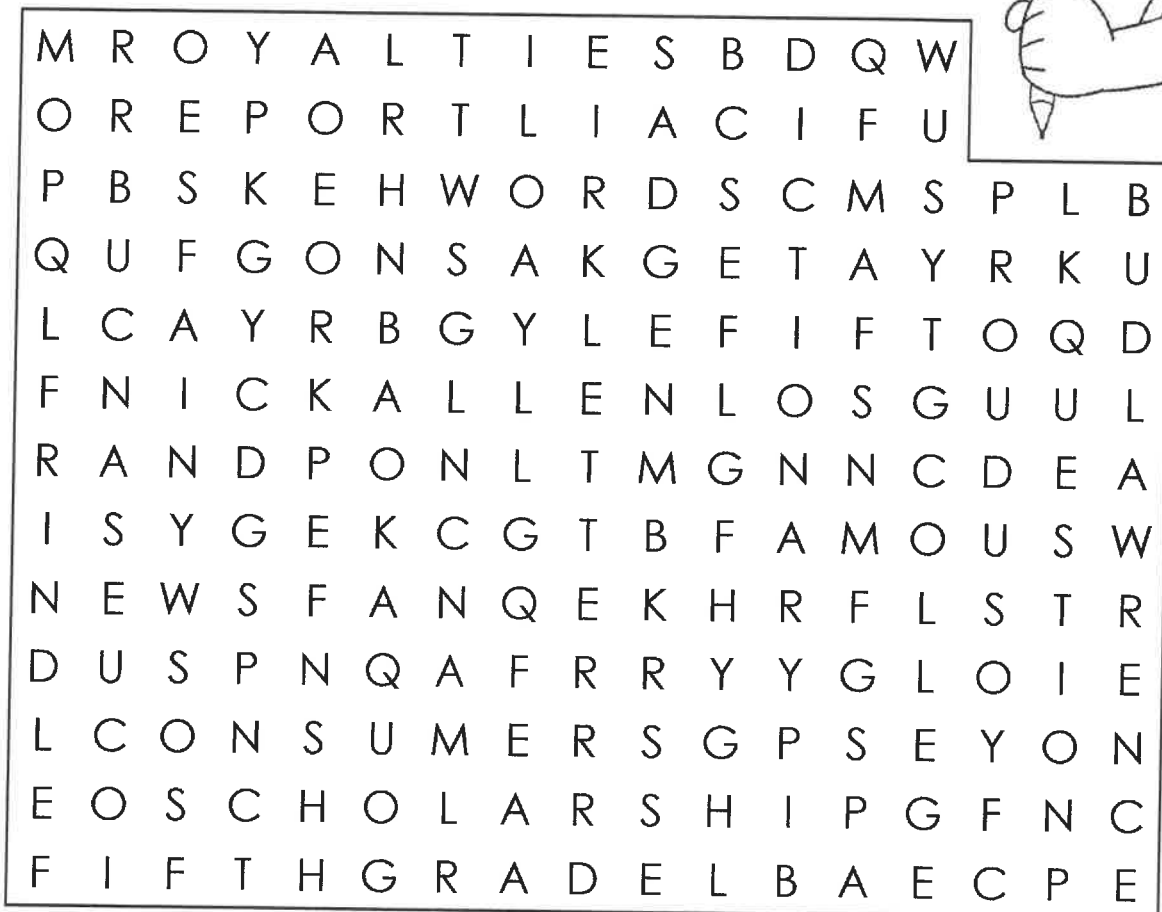
12. "I still don't really get the idea of why words all mean different things. Like, who says that d-o-g means that thing that goes 'woof' and wags its tail. Who says so?"

13. "That's a contract and it's fair and honest. It gives your boy thirty percent of whatever I might make."

14. "Somehow I think I have a small part to play in this drama, and I have chosen to be the villain. Every good story needs a bad guy, don't you think?"

Name: _____

Frindle



Find the words in the puzzle. Words are hidden → , ↓ , and ↘.

FIFTH GRADE

PEN

IDEA

NICK ALLEN

MRS. GRANGER

BUD LAWRENCE

REPORT

FAMOUS

ROYALTIES

DICTIONARY

QUESTION

SCHOLARSHIP

NEWS

WORDS

PROUD

FRINDLE

CONSUMERS

LETTER

COLLEGE

