

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 leaf 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!

Mrs. Piskopanis

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.

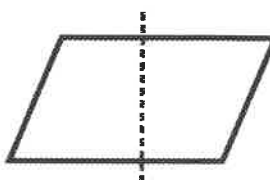
Fill in the missing numbers.

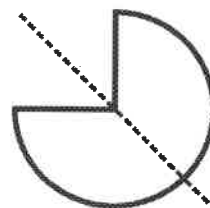
63 is _____ times as many as **9**.

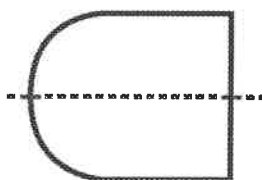
121 is 11 times as many as _____.

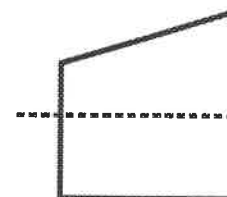
_____ is 5 times as many as **15**.

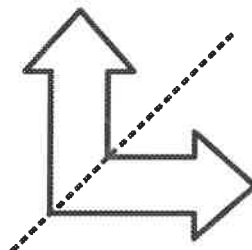
Tell whether the dotted line on each shape represents a line of symmetry. Write **yes** or **no**.

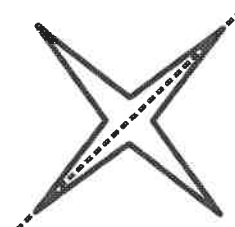












Name: _____



Math Buzz

Write the values of the underlined digits.

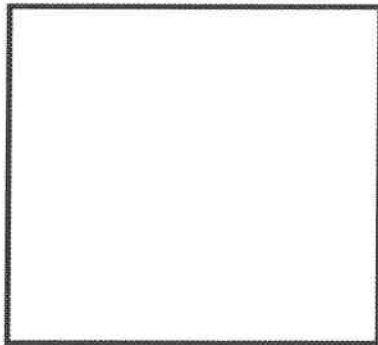
254,139

146,523

32,916

Find the perimeter of the rectangle.

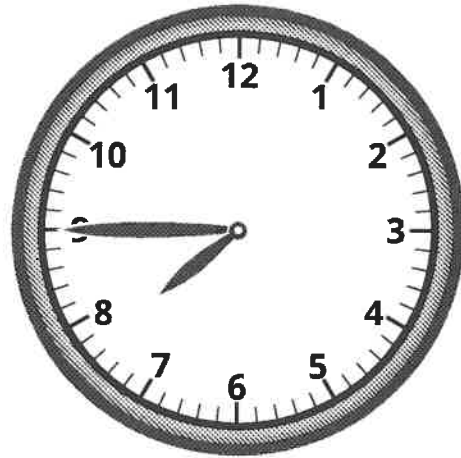
20 cm



18 cm

Perimeter = _____ cm

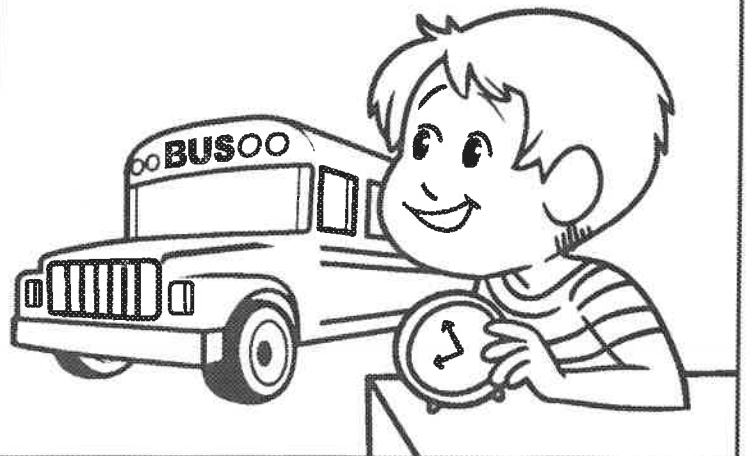
The clock below shows the time Cameron got on the bus. The minute hand turned 90° by the time the bus arrived at school. What time did the bus arrive at school?



List the factor pairs for 48.

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

_____ A.M.



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.

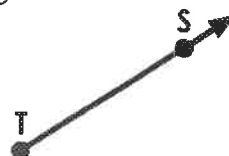
$$\underline{\hspace{2cm}} = 50,162 - 30,857$$

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

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

Draw a line to match each figure.

point



ray



line



line segment

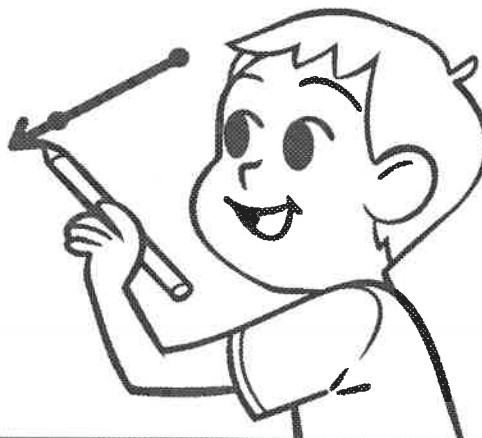


Fill in the missing numbers.

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

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

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



Name: _____



Math Buzz

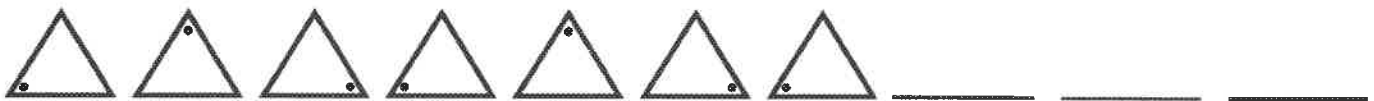
Order the numbers from **least to greatest**.

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: _____

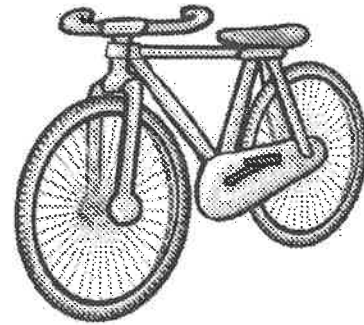
Multiplication: 3-Digit by 1-Digit

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