RISING 4TH GRADE SUMMER MATH HOMEWORK

NAME: _____

Name _____ Date _____

M&Ms (Making Math Stick)

Rising 4th Grade: Week 1

Addition

Find the sums.

$$\begin{array}{r} 3{,}468 \\ +\ 1{,}384 \\ \hline \end{array} \qquad \begin{array}{r} 6{,}257 \\ +\ 3{,}756 \\ \hline \end{array}$$

Subtraction

Find the difference between 1,347 and 4,526. Show your work below.

Multiplication

Which equals 9 + 9 + 9 + 9 + 9 ?

- ❑ 36
- ❑ 45
- ❑ 49
- ❑ 4 x 9
- ❑ 5 x 9

Division

Which equations are correct?

- ❑ 28 ÷ 8 = 3
- ❑ 36 ÷ 6 = 6
- ❑ 45 ÷ 9 = 5
- ❑ 52 ÷ 10 = 5
- ❑ 16 ÷ 4 = 4

Place Value

Which comparisons are true?

- ❑ 4,345 > 4,329
- ❑ 5,824 < 5,804
- ❑ 2,952 > 2,752
- ❑ 7,238 < 7,283
- ❑ 3,503 <. 3,499

Vocabulary

Write **commutative**, **identity** or **distributive** next to the example of the property.

4 x 1 = 4 _____

4 x (5 + 3) = 4 x 8 _____

6 x 3 = 3 x 6. _____

Name _____ Date _____

M&Ms (Making Math Stick)

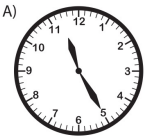
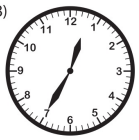
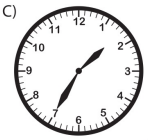
Entering 4th Grade: Week 1

Geometry

Draw 3 quadrilaterals and write their names under your shapes.

Measurement

Choose the clock that shows the given time.

Time : 12:35	A) 	B) 	C) 

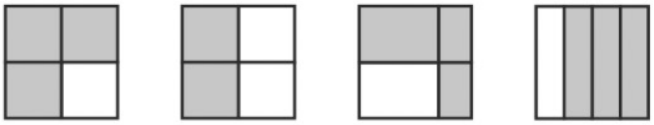
Choose the correct time shown by the clock.



A) 4:50 B) 10:20 C) 3:50

Fractions

Circle the shapes below that are equal to three fourths. (Fractions have **equal parts**!)



Graphs

Ms. Ladd's Class

Animal	Number of Students
Dog	𝍸 𝍸 |||
Cat	𝍸 𝍸
Hamster	||
Bird	𝍸

How many more students have dogs than cats?

How many students have a pet?

Mixed Word Problems

On Field Day, all the third and fourth graders eat box lunches. The third-grade classes took 137 box lunches. Now there are are 158 box lunches left. How many box lunches were made to start?

_____

Two-Step Word Problems

Josie has $1,245. She buys a bike for $975. The next week she earns $150. How much money does Josie have now?

_____

Name _____ Date _____

M&Ms (Making Math Stick)

Rising 4th Grade: Week 2

Addition

Fill in the missing digits.

$$\begin{array}{r} 3\ _\ 4 \\ +\ _\ 7\ 5 \\ \hline 1\ 2\ 3\ 9 \end{array} \qquad \begin{array}{r} 8\ _\ 5 \\ +\ 7\ 9\ _ \\ \hline 1\ 6\ 2\ 6 \end{array}$$

Subtraction

Find the differences.

$$\begin{array}{r} 3{,}008 \\ -\ 1{,}454 \\ \hline \end{array} \qquad \begin{array}{r} 6{,}257 \\ -\ 3{,}796 \\ \hline \end{array}$$

Multiplication

Kiera makes an array with 12 stickers. What factors could describe her array?

- ❑ 2 X 6
- ❑ 3 X 3
- ❑ 3 X 4
- ❑ 4 X 2

Division

Which of the problems below have a quotient of 6?

- ❑ 24 ÷ 4
- ❑ 56 ÷ 8
- ❑ 35 ÷ 5
- ❑ 42 ÷ 7

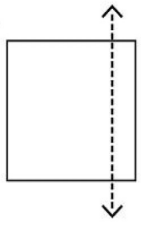
Place Value

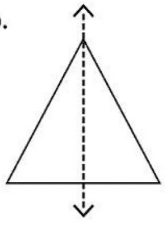
Which describes 6,294? Choose all that apply.

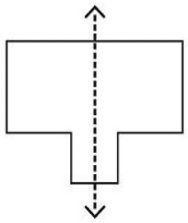
- ❑ 6 thousands + 2 hundreds + 8 tens + 14 ones
- ❑ 6 thousands + 2 hundred + 9 tens + 14 ones
- ❑ 5 thousands + 12 hundreds + 9 tens + 4 ones

Vocabulary

Write yes or no to tell whether the dotted line is a line of symmetry.

a. 

b. 

c. 

_____ _____ _____

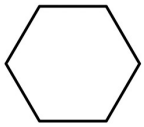
Name _____ Date _____

M&Ms (Making Math Stick)

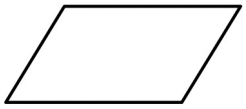
Rising 4th Grade: Week 2

Geometry

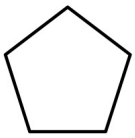
Write the name of the shape.



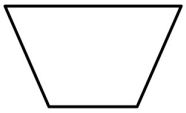
_____



_____



_____



_____

Measurement

Which would be:

about 1 cm?
- A. your arm
- B. your foot
- C. your fingertip

about 1 inch?
- A. a pencil
- B. a quarter
- C. an apple

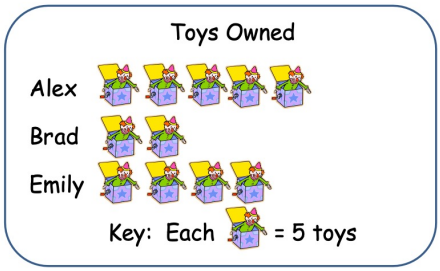
Fractions

Ring all the fractions equal to 1.

$\frac{7}{8}$ $\frac{4}{4}$ $\frac{5}{7}$ $\frac{2}{2}$ $\frac{3}{3}$ $\frac{9}{9}$

$\frac{1}{9}$ $\frac{6}{6}$ $\frac{4}{5}$ $\frac{1}{1}$ $\frac{0}{1}$ $\frac{7}{7}$

Graphs



How many toys does Alex own? ____

How many more toys Alex own than Brad?

____

Mixed Word Problems

Ms. Lewis's class makes a video that lasts 162 seconds. Mr. Matte's class video is 55 seconds shorter. How many seconds does Mr. Matte's class video last?

_____

Two-Step Word Problems

Lisa and her mom needed to bake 100 cookies for the bake sale on Friday. They baked 35 on Monday and 40 on Wednesday. How many cookies do they still need to bake to finish 100 cookies by Friday?

_____

Name _____ Date _____

M&Ms (Making Math Stick)

Rising 4th Grade: Week 3

Addition

Find the sums.

$$\begin{array}{r} 25{,}648 \\ +\ 14{,}754 \\ \hline \end{array} \qquad \begin{array}{r} 55{,}357 \\ +\ 6{,}726 \\ \hline \end{array}$$

Subtraction

Write the number that is:

10 less than 2,457 _____

100 less than 1,840 _____

20 less than 4,362 _____

1,000 less than 6,793 _____

Multiplication

Find the products.

10 X 7 = _____

9 X 6 = _____

4 X 8 = _____

Division

Which multiplication fact will help you solve each division fact:

35 ÷ 7 ; ___ X ___

42 ÷ 6 ; ___ X ___

27 ÷ 9 ; ___ X ___

Place Value

Compare with <, >, or = .

3,453 ___ 3,621

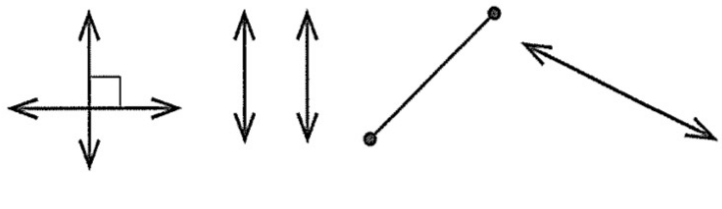
1,269 ___ 1,269

5,371 ___ 4,371

2,009 ___ 2,090

Vocabulary

Match the picture to its name.



___ ___ ___ ___

A line segment C line

B parallel lines D perpendicular lines

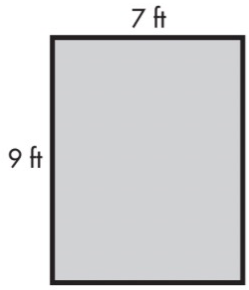
Name _____ Date _____

M&Ms (Making Math Stick)

Rising 4th Grade: Week 3

Geometry

What is the area and perimeter of this rectangle?



Area _____ ft. sq.

Perimeter _____ ft.

Measurement

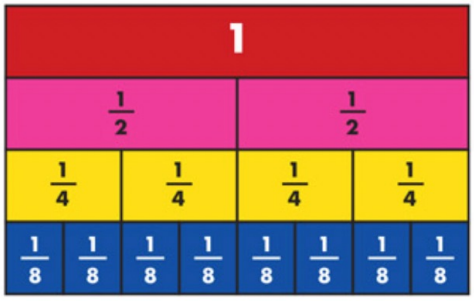
Which would be sold in a gallon?

cookies milk cheese

Which would be sold in pounds?

crackers juice potatoes

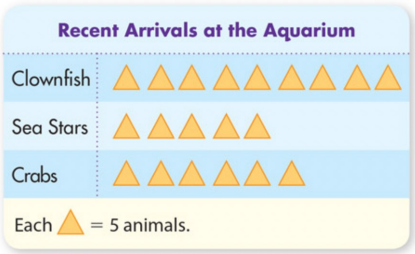
Fractions



Which fractions are equal?

$\frac{1}{2} = \frac{\quad}{4} = \frac{\quad}{8}$

Graphs



How many more Clownfish than Sea Stars?

_____

How many Sea Stars and Crabs? _____

Mixed Word Problems

A turkey oak tree is 22 feet tall. The turkey oak tree is twice as tall as a swamp dogwood tree. How tall is the swamp dogwood tree?

_____

Two-Step Word Problems

Carolyn earns $8 a week for 3 weeks. She wants to buy some dolls that cost $6 each. How many dolls can she buy with her earnings?

_____

Name _____ Date _____

M&Ms (Making Math Stick)

Rising 4th Grade: Week 4

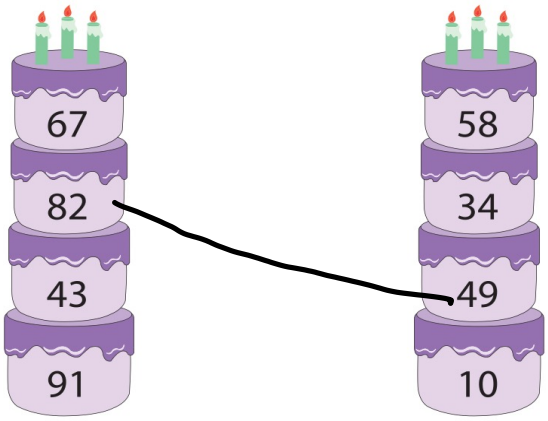
Addition

Fill in the missing digits.

$$\begin{array}{r} _\,5\;9 \\ +\;3\;6\;__ \\ \hline 1\;2\;2\;2 \end{array} \qquad \begin{array}{r} 6\;__\;7 \\ +\;__\;9\;5 \\ \hline 1\;1\;3\;2 \end{array}$$

Subtraction

Match the pairs of numbers which give a difference of 33.



Multiplication

$$\begin{array}{r} 30 \\ \times\;9 \\ \hline \end{array} \qquad \begin{array}{r} 7 \\ \times\;2 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ \times\;4 \\ \hline \end{array} \qquad \begin{array}{r} 50 \\ \times\;7 \\ \hline \end{array}$$

Division

Which of the problems below have a quotient of 8?

- ❑ $24 \div 3$
- ❑ $56 \div 8$
- ❑ $36 \div 4$
- ❑ $48 \div 6$

Place Value

Find the mystery number.

Clue 1: All of the digits are different.
Clue 2: The tens digit is 8.
Clue 3: The digits sum = 20.
Clue 4: The number is greater than 700.

____ ____ ____

Vocabulary

Write 5,326 in all forms:

Expanded:_____

Word:_____

_____

Standard: _____

Name _____ Date _____

M&Ms (Making Math Stick)

Rising 4th Grade: Week 4

Geometry

A square has a side of 6 ft. What is the perimeter and area of the square?

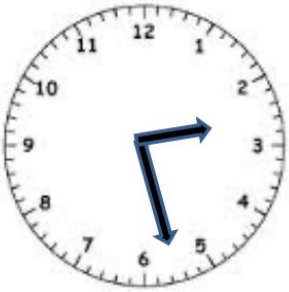
Perimeter _____ ft.

Area _____ ft. sq.



Measurement

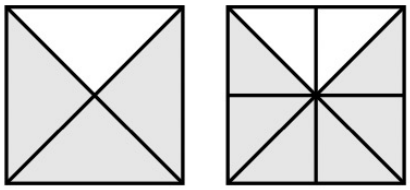
Write the time to nearest minute.





_____ _____

Fractions



$$\frac{3}{4} = \frac{\quad}{8}$$

Graphs

Smoothie Sales		
	Main St.	Park St.
Banana	●◖	●●◖
Peach	●●●◖	●●●◖
Strawberry	●●●●	●●●●●◖

Each ● = 10 smoothies.
Each ◖ = 5 smoothies.

How many strawberry smoothies were sold in all? _____

How many more smoothies were sold on Park St. than Main St.? _____

Mixed Word Problems

Peyton buys 9 used books at a sale. Each book costs $4. How much money does Peyton spend on the used books?

_____

Two-Step Word Problems

Terry draws an array that has 5 columns with 3 counters in each row. Beth draws an array that has 4 columns with 6 counters in each row. How many counters are there in all?

_____

Name _____ Date _____

M&Ms (Making Math Stick)

Rising 4th Grade: Week 5

Addition

Circle the numbers that add to 788

436 228 412 352

Circle the numbers that add to 914

751 153 163 556

Subtraction

Use mental math to subtract.

864 – 3 _____	437 – 2 _____
759 – 9 _____	599 – 8 _____
945 – 4 _____	286 – 6 _____
628 – 5 _____	159 – 7 _____

Multiplication

Select all of the equations with even products.

- ❑ 9 X 4 = ?
- ❑ 3 X 5 = ?
- ❑ 2 X 8 = ?
- ❑ 7 X 1 = ?
- ❑ 6 X 9 = ?

Division

Write a division equation for the array.



_____

Place Value

What is the value of the underlined digit?

24,847 _____

5,925 _____

30,163 _____

Vocabulary

Round each number to:

	nearest 10	nearest 100
84	_____	_____
721	_____	_____
879	_____	_____

Name _____ Date _____

M&Ms (Making Math Stick)

Rising 4th Grade: Week 5

Geometry

Match the shape with the definition.

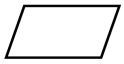
_____ 1. All sides are the same length. There are four right angles.

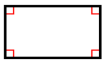
_____ 2. There is only one pair of parallel sides.

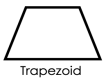
_____ 3. Opposite sides are parallel and the same length. There are four right angles.

_____ 4. There are two pairs of parallel sides. All sides are the same length.

_____ 5. There are two pairs of opposite parallel sides.

a. 
Parallelogram

b. 
Rectangle

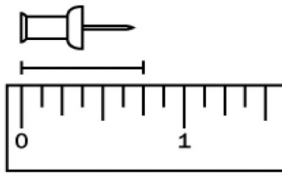
c. 
Trapezoid

d. 
Rhombus

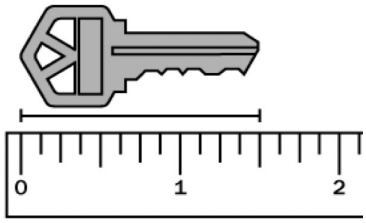
e. 
Square

Measurement

Measure each object to nearest ¼ in.

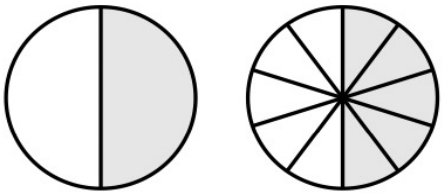


_____ in.



_____ in.

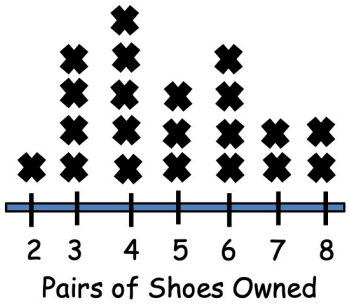
Fractions



$$\frac{1}{2} = \frac{\quad}{10}$$

Graphs

Use the line plot to Answer the questions.



How many have 6 or more pairs? _____

How many have 4 or less pairs? _____

How many pairs do most have? _____

Mixed Word Problems

At Memorial School, all fourth-grade students get to choose an after-lunch activity. 76 students chose to play outside, 48 students chose to go to the library, and 62 students chose to go to art class. How many fourth-grade students are at Memorial School?

_____

Two-Step Word Problems

Of the students at Peter's school, 230 bring their own lunch and 264 eat school lunch. There are 374 students at Amy's school. How many more students are there at Peter's school than Amy's school?

_____

Name _____ Date _____

M&Ms (Making Math Stick)

Rising 4th Grade: Week 6

Addition

Find the sums.

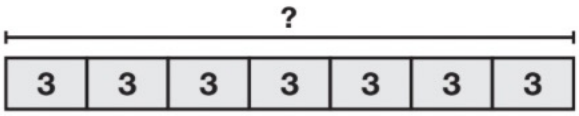
43,802	62,573
+ 5,479	+ 23,617

Subtraction

Find the differences.

73,608	56,742
- 24,293	- 13,765

Multiplication



Fill in the missing numbers using the bar diagram.

_____ X 3 = _____

Division

Find the quotients.

48 ÷ 8	_____	28 ÷ 7	_____
35 ÷ 5	_____	18 ÷ 3	_____
24 ÷ 6	_____	16 ÷ 4	_____
16 ÷ 2	_____	27 ÷ 9	_____

Place Value

Write the number that is:

ten more than 3,812 _____

one thousand more than 5,809 _____

one hundred less than 6,823 _____

ten more than 3,901 _____

ten less than 7,932 _____

Vocabulary

Round these numbers to nearest 100:

5,362 _____

4,648 _____

6,083 _____

Name _____ Date _____

M&Ms (Making Math Stick)

Rising 4th Grade: Week 6

Geometry

Natasha draws a rectangle that is 4 inches by 7 inches. What is the area of her rectangle?



_____ in. sq.

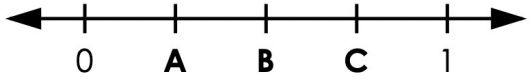
Measurement

Write the time that is one half hour later.

10:10	_____	3:05	_____
4:50	_____	1:20	_____
2:45	_____	5:55	_____
11:15	_____	7:00	_____

Fractions

Write the fraction for each letter.

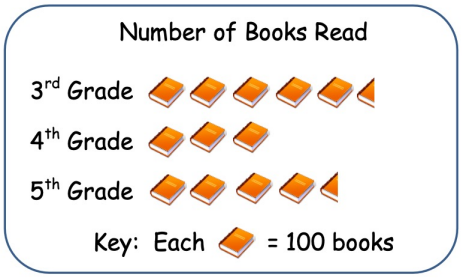


A = _____

B = _____

C = _____

Graphs



How many more books were read in 3rd than 4th?

How many books were read in all?

Mixed Word Problems

Joey had 48 baseball cards. He puts them in equal stacks. There are 8 cards in each stack. How many stacks will Joey have after putting all his cards in stacks?

_____

Two-Step Word Problems

A scout troop travels in 5 cars. Each car holds 4 people. One person in each car is a parent. How many of the people are **NOT** parents?

_____

Name _____ Date _____

M&Ms (Making Math Stick)

Rising 4th Grade: Week 7

Addition

44	38	26
34	42	29
+ 19	+ 18	+ 23
____	____	____

Subtraction

Fill in the missing numbers.

1) 1 __ 2 − 1 0 __ = 7 4

2) 6 7 __ − __ 4 3 = 3 2 8

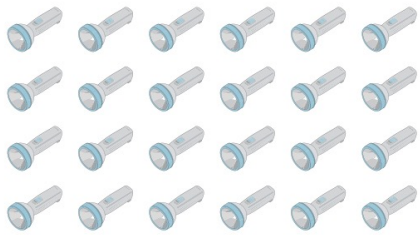
Multiplication

What is another way to find 9 X 3?

- ❑ (3 x 3) + (3 x 3)
- ❑ (5 x 3) + (4 x 3)
- ❑ (5 x 3) x (4 x 3)
- ❑ (5 x 2) + (4 x 1)

Division

Write a division equation for the array.



_____

Place Value

Complete the equations below to make it true.

8,439 = 9 + _____ + 30 + _____

3,825 = 20 + _____ + 800 + ___

Vocabulary

Using the **Commutative Property**, write an equation that is equivalent.

8 X 6 = _____

4 X 7 = _____

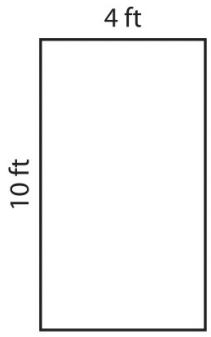
Name _____ Date _____

M&Ms (Making Math Stick)

Rising 4th Grade: Week 7

Geometry

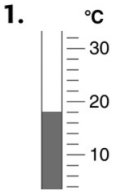
What is the perimeter of the rectangle?

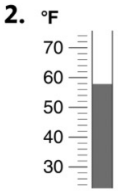


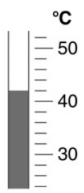
_____ ft.

Measurement

Write the temperature shown on each thermometer.

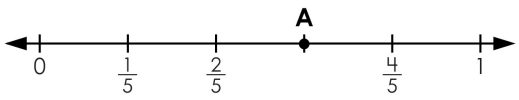
1. 

2. 

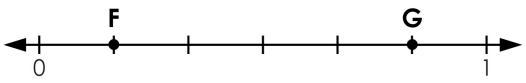
3. 

_____ _____ _____

Fractions



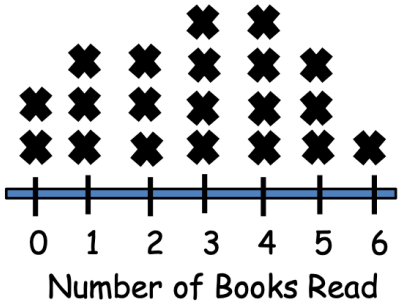
Point **A** is: ☐



Point **F** is: ☐ Point **G** is: ☐

Graphs

Use the line plot to answer the questions.



How many read 5 or more books? ____

How many read no books? _____

What was the most books read? _____

Mixed Word Problems

It takes 6 tickets to go on a ride. If 8 friends want to go on the ride, how many total tickets do they need?

_____

Two-Step Word Problems

Emily is saving for a new game that costs $32. She earns $4 each week. If she has $20 now, in how many weeks will she be able to buy her new game

_____

Name _____ Date _____

M&Ms (Making Math Stick)

Rising 4th Grade: Week 8

Addition

$1.25	$0.45
$2.55	$3.19
+ $0.96	+ $1.72

Subtraction

Fill in the numbers following the rule.

IN	12	16	20	23	25
OUT					
Rule: Subtract 9					

Multiplication

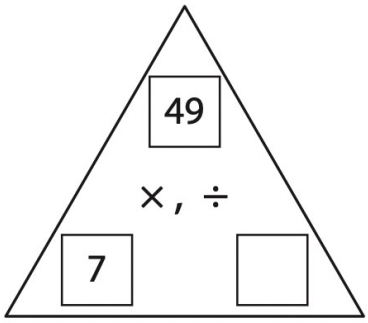
Write the missing numbers in these patterns:

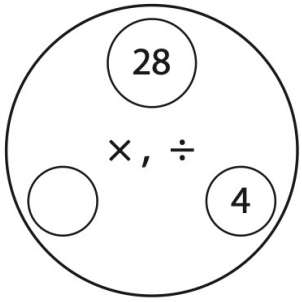
14 21 ___ ___ 42 49 ___

12 ___ ___ 24 28 ___ 36

Division

Fill in the missing number of each fact family.





Place Value

Figure out the rule, then fill in the missing numbers in the chart.

In	Out
329	429
555	
	783
1,270	

Vocabulary

Using **Associative Property**, fill in the missing numbers.

(7 X 4) X 6 = 7 X (___ X 6)

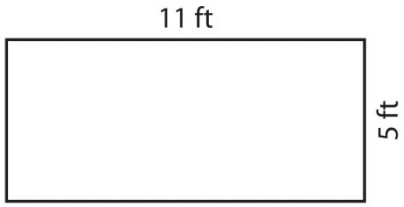
9 X (3 X 2) = (___ X 3) X 2

Name _____ Date _____

M&Ms (Making Math Stick)

Rising 4th Grade: Week 8

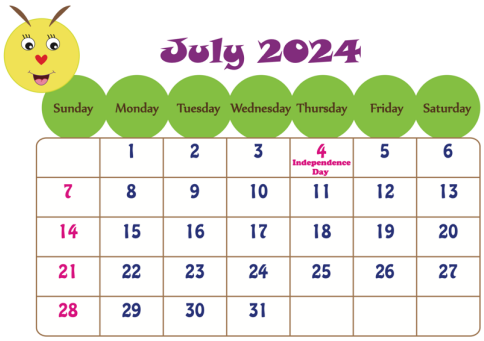
Geometry



What is the area and perimeter of the rectangle?

Area _____ ft. sq. Perimeter _____ ft.

Measurement



Which day is July 4th on? _____

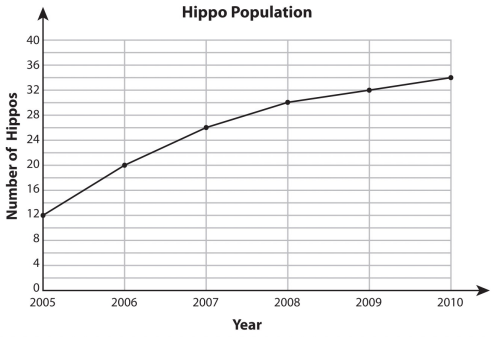
How many Tuesdays in July? _____

Fractions

Nikki ate $\frac{1}{4}$ of a pizza. The pizza had more than 4 slices. Which fraction also describes how much of the pizza Nikki could have eaten?



Graphs



Which year had 20 hippos? _____

How many hippos were in 2008? _____

How many hippos in 2009 & 2010? _____

Mixed Word Problems

It takes Rosa 5 minutes to write one address using calligraphy. How many addresses can Rosa write in 30 minutes?

_____

Two-Step Word Problems

Carlos bought 2 packages of dog treats for Fido. Each package has 2 rows of 7 treats. How many treats did Carlos buy?

_____

Name _____ Date _____

M&Ms (Making Math Stick)

Rising 4th Grade: Week 9

Addition

Find the sums.

$$\begin{array}{r} 127{,}340 \\ +\ 54{,}364 \\ \hline \end{array} \qquad \begin{array}{r} 407{,}342 \\ +\ 56{,}826 \\ \hline \end{array}$$

Subtraction

How much more money to make $1.00.

57¢	_____	38¢	_____
36¢	_____	45¢	_____
21¢	_____	84¢	_____

Multiplication

Fill in the missing numbers in the equations below?

(3 X 2) X 4 = _____

_____ = 7 X (2 X 5)

(4 X 2) X _____ = 32

Division

Which of the problems below have a quotient of 7?

- ❑ 21 ÷ 3
- ❑ 36 ÷ 6
- ❑ 56 ÷ 8
- ❑ 40 ÷ 5

Place Value

Figure out the rule, then fill in the missing numbers in the chart.

In	out
120	100
354	
	665
542	

Vocabulary

Which shows 6,308 in expanded form?

- ❑ 600 + 30 + 8
- ❑ 6,000 + 300 + 80
- ❑ 6,000 + 300 + 8
- ❑ 6,000 + 308

Name _____ Date _____

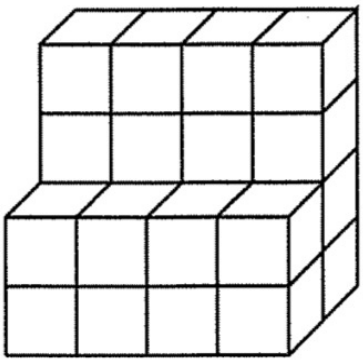
M&Ms (Making Math Stick)

Rising 4th Grade: Week 9

Geometry

How many cubes make up this solid?

_____



Measurement

Write the time that is:

25 minutes before 5:00 _____

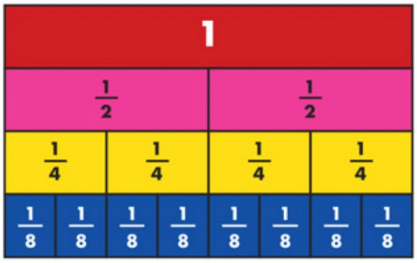
20 minutes before 9:00 _____

40 minutes before 7:00 _____

35 minutes before 2:00 _____

Fractions

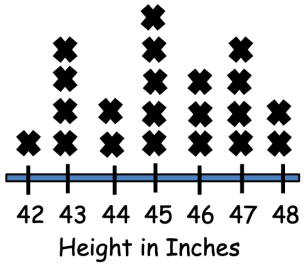
Compare the fractions below.



$\frac{1}{2} \bigcirc \frac{3}{8}$ $\frac{2}{4} \bigcirc \frac{5}{8}$

Graphs

Use the line plot to answer the questions.



How tall is the tallest kid? ____

How many are less than 44 in.? ____

What height has the most kids? ____

Mixed Word Problems

The Brady family drove 181 miles on Monday, 286 miles on Tuesday, and 138 miles on Wednesday. To the nearest hundred, about how many miles did they drive in all?

_____

Two-Step Word Problems

Corey arranged 37 chairs around some tables. When he finishes, he has 1 chair **left over**. Which of the following could show how he arranged the chairs?

- ❑ 5 chairs at 7 tables
- ❑ 4 chairs at 8 tables
- ❑ 6 chairs at 6 tables
- ❑ 5 chairs at 8 tables

Name _____ Date _____

M&Ms (Making Math Stick)

Rising 4th Grade: Week 10

Addition

Fill in the missing digits.

_ 3 7	5 _ 4
+ 6 _ 5	+ _ 3 6
1 2 3 2	1 3 2 0

Subtraction

Find the difference.

84,003	46,202
− 61,002	− 20,147

Multiplication

Fill in the missing numbers.

A. 5 x (5 x 2) = _____

B. _____ x 10 = 60

C. _____ x 8 = 24

D. 2 x (3 x _____) = 12

Division

In	Out
27	
45	
63	
81	
90	

Rule: Divide by 9

Place Value

Write the highlighted digits place and value.

Number	Place	Value
6,352	_____	_____
2,139	_____	_____
2,742	_____	_____
3,728	_____	_____

Vocabulary

Write the greatest and least number you can using these digits **3, 8, 6**, and **4** once.

greatest _____

least _____

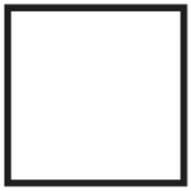
Name _____ Date _____

M&Ms (Making Math Stick)

Rising 4th Grade: Week 10

Geometry

The perimeter of Suzie's square is 28 ft. What are the lengths of each side?



_____ ft.

Measurement

Fill in the start and end time.



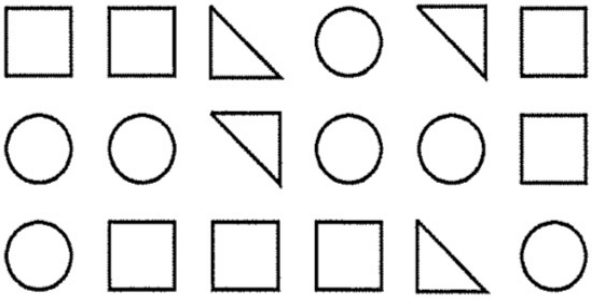


What is the elapsed time?

_____

Fractions

What fraction of the shapes are circles?

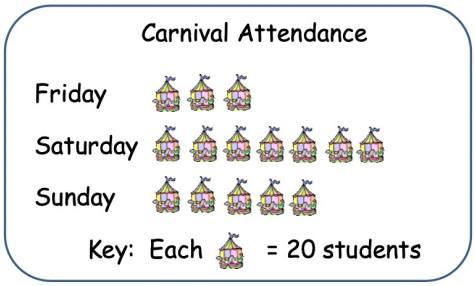


___

___

___

Graphs



How many went on Sunday?

How many more went Saturday than Friday?

Mixed Word Problems

On Thursday, 435 people went to the zoo. On Friday, 618 people went. On Saturday, 506 people went to the zoo. How many more people went on the busiest day than the least busy day?

_____

Two-Step Word Problems

Crystal baked 36 muffins. She kept 12 muffins and then gave the rest to her 4 friends. Each friend got the same number of muffins. How many muffins did each friend get?

_____

Name _____ Date _____

M&Ms (Making Math Stick)

Entering 4th Grade: Week 1

Addition

Find the sums.

$$\begin{array}{r} 3{,}468 \\ +\ 1{,}384 \\ \hline 4{,}852 \end{array} \qquad \begin{array}{r} 6{,}257 \\ +\ 3{,}756 \\ \hline 10{,}013 \end{array}$$

Subtraction

Find the difference between 1,347 and 4,526. Show your work below.

$$\begin{array}{r} 4\ 11 \\ 4{,}526 \\ -\ 1{,}347 \\ \hline 3{,}179 \end{array}$$

Multiplication

Which equals 9 + 9 + 9 + 9 + 9 ?

- ☐ 36
- ☒ 45
- ☐ 49
- ☐ 4 x 9
- ☒ 5 x 9

Division

Which equations are correct?

- ☐ 28 ÷ 8 = 3
- ☒ 36 ÷ 6 = 6
- ☒ 45 ÷ 9 = 5
- ☐ 52 ÷ 10 = 5
- ☒ 16 ÷ 4 = 4

Place Value

Which comparisons are true?

- ☒ 4,345 > 4,329
- ☐ 5,824 < 5, 804
- ☒ 2,952 > 2,752
- ☒ 7,238 < 7,283
- ☐ 3,503 <. 3,499

Vocabulary

Write **communitive**, **identity** or **distributive** next to the example of the property.

4 x 1 = 4 — identity

4 x (5 + 3) = 4 x 8 — distributive

6 x 3 = 3 x 6. — commutative

Name _____ Date _____

M&Ms (Making Math Stick)

Entering 4th Grade: Week 1

Geometry

Draw 3 quadrilaterals and write their names under your shapes.

(ex.s) square, rhombus, rectangle, trapezoid, parallelogram

Measurement

Choose the clock that shows the given time.

Time: 12:35 — A, B, C

Choose the correct time shown by the clock.

A: 4:50 B: 10:20 C: 3:50

Fractions

Circle the shapes below that are equal to three fourths. (Fractions have **equal parts**!)

not equal

Graphs

Ms. Ladd's Class

Animal	Number of Students
Dog	𝍸 𝍸 |
Cat	𝍸 𝍸
Hamster	||
Bird	𝍸

How many more students have dogs than cats? 3

How many students have a pet? 30

Mixed Word Problems

On Field Day, all the third and fourth graders eat box lunches. The third-grade classes took 137 box lunches. Now there are are 158 box lunches left. How many box lunches were made to start? 137+158

295 lunches

Two-Step Word Problems

Josie has $1,245. She buys a bike for $975. The next week she earns $150. How much money does Josie have now?

① $1,245 − 975 → $270 ② $270 + 150 → 420

$420

Name _____ Date _____

M&Ms (Making Math Stick)

Entering 4th Grade: Week 2

Addition

Fill in the missing digits.

$$\begin{array}{r} 1 \\ 3\ 6\ 4 \\ +\ 8\ 7\ 5 \\ \hline 1\ 2\ 3\ 9 \end{array} \qquad \begin{array}{r} 1 \\ 8\ 3\ 5 \\ +\ 7\ 9\ 1 \\ \hline 1\ 6\ 2\ 6 \end{array}$$

Subtraction

Find the differences.

$$\begin{array}{r} 2\ 9\ 10 \\ 3{,}008 \\ -\ 1{,}454 \\ \hline 1{,}554 \end{array} \qquad \begin{array}{r} 5\ 11\ 15 \\ 6{,}257 \\ -\ 3{,}796 \\ \hline 2{,}461 \end{array}$$

Multiplication

Kiera makes an array with 12 stickers. What factors could describe her array?

- ☒ 2 X 6 = 12
- ☐ 3 X 3
- ☒ 3 X 4 = 12
- ☐ 4 X 2

Division

Which of the problems below have a quotient of 6?

- ☒ 24 ÷ 4
- ☐ 56 ÷ 8 = 7
- ☐ 35 ÷ 5 = 7
- ☒ 42 ÷ 7

Place Value

Which describes 6,294? Choose all that apply.

- ☒ 6 thousands + 2 hundreds + 8 tens + 14 ones
- ☐ 6 thousands + 2 hundred + 9 tens + 14 ones
- ☒ 5 thousands + 12 hundreds + 9 tens + 4 ones

Vocabulary

Write yes or no to tell whether the dotted line is a line of symmetry.

a. no b. yes c. yes

Name _____ Date _____

M&Ms (Making Math Stick)

Entering 4th Grade: Week 2

Geometry

Write the name of the shape.

hexagon, parallelogram, pentagon, trapezoid

Measurement

Which would be:

about 1 cm? A. your arm B. your foot (C.) your fingertip

about 1 inch? A. a pencil (B.) a quarter C. an apple

Fractions

Ring all the fractions equal to 1.

$\frac{7}{8}$ $(\frac{4}{4})$ $\frac{5}{7}$ $(\frac{2}{2})$ $\frac{3}{3}$ $(\frac{9}{9})$ $\frac{1}{9}$ $(\frac{6}{6})$ $\frac{4}{5}$ $(\frac{1}{1})$ $\frac{0}{1}$ $(\frac{7}{7})$

Graphs

Toys Owned

Alex, Brad, Emily

Key: Each = 5 toys

How many toys does Alex own? 25

How many more toys Alex own than Brad? 15

Mixed Word Problems

Ms. Lewis's class makes a video that lasts 162 seconds. Mr. Matte's class video is 55 seconds shorter. How many seconds does Mr. Matte's class video last? 162 − 55

107 seconds

Two-Step Word Problems

Lisa and her mom needed to bake 100 cookies for the bake sale on Friday. They baked 35 on Monday and 40 on Wednesday. How many cookies do they still need to bake to finish 100 cookies by Friday?

① 35 + 40 = 75

② 100 − 75 = 25 cookies

Name _____ Date _____

M&Ms (Making Math Stick)

Entering 4th Grade: Week 3

Addition

Find the sums.

$$\begin{array}{r} 25{,}648 \\ +\ 14{,}754 \\ \hline 40{,}402 \end{array} \qquad \begin{array}{r} 55{,}357 \\ +\ 6{,}726 \\ \hline 62{,}083 \end{array}$$

Subtraction

Write the number that is:

10 less than 2,457 — 2,447

100 less than 1,840 — 1,740

20 less than 4,362 — 4,342

1,000 less than 6,793 — 5,793

Multiplication

Find the products.

10 X 7 = 70

9 X 6 = 54

4 X 8 = 32

Division

Which multiplication fact will help you solve each division fact:

35 ÷ 7 = 7 X 5

42 ÷ 6 = 6 X 7

27 ÷ 9 = 9 X 3

Place Value

Compare with <, >, or = .

3,453 < 3,621

1,269 = 1,269

5,371 > 4,371

2,009 < 2,090

Vocabulary

Match the picture to its name.

D B A C

A line segment C line

B parallel lines D perpendicular lines

Name _____ Date _____

M&Ms (Making Math Stick)

Entering 4th Grade: Week 3

Geometry

What is the area and perimeter of this rectangle?

7 ft, 9 ft

(7x9)

Area 63 ft. sq.

Perimeter 32 ft. (9+9+7+7)

Measurement

Which would be sold in a gallon?

cookies (milk) cheese

Which would be sold in pounds?

crackers juice (potatoes)

Fractions

Which fractions are equal?

$\frac{1}{2} = \frac{2}{4} = \frac{4}{8}$

Graphs

Recent Arrivals at the Aquarium

Clownfish, Sea Stars, Crabs

Each = 5 animals.

How many more Clownfish than Sea Stars? 20

How many Sea Stars and Crabs? 55

Mixed Word Problems

A turkey oak tree is 22 feet tall. The turkey oak tree is twice as tall as a swamp dogwood tree. How tall is the swamp dogwood tree?

22 ÷ 2 =

11 ft.

Two-Step Word Problems

Carolyn earns $8 a week for 3 weeks. She wants to buy some dolls that cost $6 each. How many dolls can she buy with her earnings?

① $8 X 3 = $24

② 24 ÷ 6 = 4

4 dolls

Name _____ Date _____

M&Ms (Making Math Stick)

Entering 4th Grade: Week 4

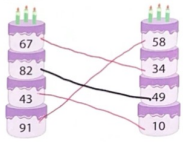
Addition

Fill in the missing digits.

$$\begin{array}{r} {\scriptstyle 1\ 1\ \ } \\ 8\,5\,9 \\ +\ 3\,6\,3 \\ \hline 1\,2\,2\,2 \end{array} \qquad \begin{array}{r} {\scriptstyle 1\ 1\ \ } \\ 6\,3\,7 \\ +\ 4\,9\,5 \\ \hline 1\,1\,3\,2 \end{array}$$

Subtraction

Match the pairs of numbers which give a difference of 33.



Multiplication

30 × 9 = 270	7 × 2 = 14
10 × 4 = 40	50 × 7 = 350

Division

Which of the problems below have a quotient of 8?

- [x] 24 ÷ 3
- [ ] 56 ÷ 8 =7
- [ ] 36 ÷ 4 =9
- [x] 48 ÷ 6

Place Value

Find the mystery number.

Clue 1: All of the digits are different.
Clue 2: The tens digit is 8.
Clue 3: The digits sum = 20.
Clue 4: The number is greater than 700.

9 8 3

Vocabulary

Write 5,326 in all forms:

Expanded: 5,000 + 300 + 20 + 6

Word: five thousand, three hundred twenty-six

Standard: 5,326

Name _____ Date _____

M&Ms (Making Math Stick)

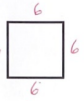
Entering 4th Grade: Week 4

Geometry

A square has a side of 6 ft. What is the perimeter and area of the square?

Perimeter 24 ft.

Area 36 ft. sq.



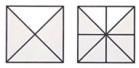
Measurement

Write the time to nearest minute.



2:27 3:38

Fractions



$\frac{3}{4} = \frac{6}{8}$

Graphs

Smoothie Sales	Main St.	Park St.
Banana	●●	●●(
Peach	●●●(	●●●(
Strawberry	●●●●	●●●●(

Each ● = 10 smoothies.
Each (= 5 smoothies.

How many strawberry smoothies were sold in all? 95

How many more smoothies were sold on Park St. than Main St.? 25 (115 − 90)

Mixed Word Problems

Peyton buys 9 used books at a sale. Each book costs $4. How much money does Peyton spend on the used books?

9 × $4 =

$36

Two-Step Word Problems

Terry draws an array that has 5 columns with 3 counters in each row. Beth draws an array that has 4 columns with 6 counters in each row. How many counters are there in all?

5 × 3 = 15 4 × 6 = 24

15 + 24 = 39 counters

Name _____ Date _____

M&Ms (Making Math Stick)

Entering 4th Grade: Week 5

Addition

Circle the numbers that add to 788

436 228 412 352

Circle the numbers that add to 914

751 153 163 556

Subtraction

Use mental math to subtract.

864 − 3	861	437 − 2	435
759 − 9	750	599 − 8	591
945 − 4	941	286 − 6	280
628 − 5	623	159 − 7	152

Multiplication

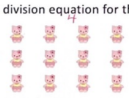
Select all of the equations with even products.

- [x] 9 X 4 = ?
- [ ] 3 X 5 = ?
- [x] 2 X 8 = ?
- [ ] 7 X 1 = ?
- [x] 6 X 9 = ?

Needs to have 1 even number!

Division

Write a division equation for the array.



12 ÷ 3 = 4

Place Value

What is the value of the underlined digit?

24,847 800

5,925 5,000

30,163 60

Vocabulary

Round each number to:

	nearest 10	nearest 100
84	80	100
721	720	700
879	880	900

Name _____ Date _____

M&Ms (Making Math Stick)

Entering 4th Grade: Week 5

Geometry

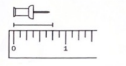
Match the shape with the definition.

e 1. All sides are the same length. There are four right angles.
c 2. There is only one pair of parallel sides.
b 3. Opposite sides are parallel and the same length. There are four right angles.
d 4. There are two pairs of parallel sides. All sides are the same length.
a 5. There are two pairs of opposite parallel sides.

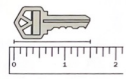
a. Parallelogram b. Rectangle c. Trapezoid d. Rhombus e. Square

Measurement

Measure each object to nearest ¼ in.

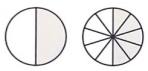


$\frac{3}{4}$ in.



$1\frac{1}{2}$ or $1\frac{2}{4}$ in.

Fractions



$\frac{1}{2} = \frac{5}{10}$

Graphs

Use the line plot to Answer the questions.



How many have 6 or more pairs? 8

How many have 4 or less pairs? 10

How many pairs do most have? 4

Mixed Word Problems

At Memorial School, all fourth-grade students get to choose an after-lunch activity. 76 students chose to play outside, 48 students chose to go to the library, and 62 students chose to go to art class. How many fourth-grade students are at Memorial School?

76 + 48 + 62 = 186 students

Two-Step Word Problems

Of the students at Peter's school, 230 bring their own lunch and 264 eat school lunch. There are 374 students at Amy's school. How many more students are there at Peter's school than Amy's school?

① 230 + 264 = 494

② 494 − 374 = 120

120 students

Name _____ Date _____

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Entering 4th Grade: Week 6

Addition

Find the sums.

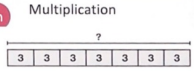
$$\begin{array}{r} {\scriptstyle 1\ 1\ \ } \\ 43,802 \\ +\ 5,479 \\ \hline 49,281 \end{array} \qquad \begin{array}{r} {\scriptstyle 1\ 1\ \ } \\ 62,573 \\ +\ 23,617 \\ \hline 86,190 \end{array}$$

Subtraction

Find the differences.

$$\begin{array}{r} {\scriptstyle 6\ 17\ 5\ 10\ \ } \\ 73,608 \\ -\ 24,293 \\ \hline 49,315 \end{array} \qquad \begin{array}{r} {\scriptstyle 5\ 16\ 13\ 12\ \ } \\ 56,742 \\ -\ 13,765 \\ \hline 42,977 \end{array}$$

Multiplication



Fill in the missing numbers using the bar diagram.

7 X 3 = 21

Division

Find the quotients.

48 ÷ 8	6	28 ÷ 7	4
35 ÷ 5	7	18 ÷ 3	6
24 ÷ 6	4	16 ÷ 4	4
16 ÷ 2	8	27 ÷ 9	3

Place Value

Write the number that is:

ten more than 3,812	3,822
one thousand more than 5,809	6,809
one hundred less than 6,823	6,723
ten more than 3,901	3,911
ten less than 7,932	7,922

Vocabulary

Round these numbers to nearest 100:

5,362	5,400
4,648	4,600
6,083	6,100

Name _____ Date _____

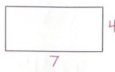
M&Ms (Making Math Stick)

Entering 4th Grade: Week 6

Geometry

Natasha draws a rectangle that is 4 inches by 7 inches. What is the area of her rectangle?

(7 × 4)



28 in. sq.

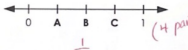
Measurement

Write the time that is one half hour later.

10:10	10:40	3:05	3:35
4:50	5:20	1:20	1:50
2:45	3:15	5:55	6:25
11:15	11:45	7:00	7:30

Fractions

Write the fraction for each letter.

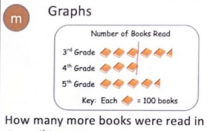


A = $\frac{1}{4}$

B = $\frac{2}{4}$ or $\frac{1}{2}$

C = $\frac{3}{4}$

Graphs



How many more books were read in 3rd than 4th? 250

How many books were read in all? 1,300

Mixed Word Problems

Joey had 48 baseball cards. He puts them in equal stacks. There are 8 cards in each stack. How many stacks will Joey have after putting all his cards in stacks?

48 ÷ 8 =

6 stacks

Two-Step Word Problems

A scout troop travels in 5 cars. Each car holds 4 people. One person in each car is a parent. How many of the people are **NOT** parents?

① 5 × 4 = 20

② 20 − 5 = 15

15 people

Name _____ Date _____

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Entering 4th Grade: Week 7

Addition

44	38	26
34	42	29
+ 19	+ 18	+ 23
97	98	78

Subtraction

Fill in the missing numbers.

1) 1 8 2 − 1 0 8 = 7 4

2) 6 3 1 − 3 4 3 = 3 2 8

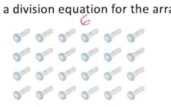
Multiplication

What is another way to find 9 X 3?

- ☐ (3 x 3) + (3 x 3)
- ☒ (5 x 3) + (4 x 3)
- ☐ (5 x 3) x (4 x 3)
- ☐ (5 x 2) + (4 x 1)

Division

Write a division equation for the array.



24 ÷ 4 = 6

Place Value

Complete the equations below to make it true.

8,439 = 9 + 8,000 + 30 + 400

3,825 = 20 + 3,000 + 800 + 5

Vocabulary

Using the **Commutative Property**, write an equation that is equivalent.

8 X 6 = 6 X 8

4 X 7 = 7 X 4

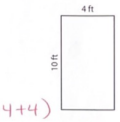
Name _____ Date _____

M&Ms (Making Math Stick)

Entering 4th Grade: Week 7

Geometry

What is the perimeter of the rectangle?



28 ft. (10+10+4+4)

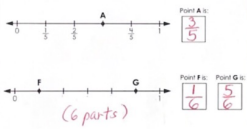
Measurement

Write the temperature shown on each thermometer.



1. 18°C 2. 58°F 3. 42°C

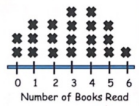
Fractions



(6 parts)

Graphs

Use the line plot to answer the questions.



How many read 5 or more books? 4

How many read no books? 2

What was the most books read? 6

Mixed Word Problems

It takes 6 tickets to go on a ride. If 8 friends want to go on the ride, how many total tickets do they need?

6 X 8 = 48 tickets

Two-Step Word Problems

Emily is saving for a new game that costs $32. She earns $4 each week. If she has $20 now, in how many weeks will she be able to buy her new game

① 32 − 20 = 12

② 12 ÷ 4 = 3

3 weeks

Name _____ Date _____

M&Ms (Making Math Stick)

Entering 4th Grade: Week 8

Addition

$1.25	$0.45
$2.55	$3.19
+ $0.96	+ $1.72
$4.76	$5.36

Subtraction

Fill in the numbers following the rule.

IN	12	16	20	23	25
OUT	3	7	11	14	16

Rule: Subtract 9

Multiplication

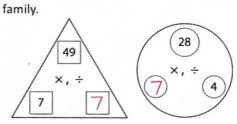
Write the missing numbers in these patterns:

14 21 28 35 42 49 56

12 16 20 24 28 32 36

Division

Fill in the missing number of each fact family.



Place Value

Figure out the rule, then fill in the missing numbers in the chart. (+100)

In	Out
329	429
555	655
683	783
1,270	1,370

Vocabulary

Using **Associative Property**, fill in the missing numbers.

(7 X 4) X 6 = 7 X (4 X 6)

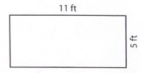
9 X (3 X 2) = (9 X 3) X 2

Name _____ Date _____

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Entering 4th Grade: Week 8

Geometry



What is the area and perimeter of the rectangle?

Area 55 ft. sq. (11 X 5) Perimeter 32 ft. (11+11+5+5)

Measurement



Which day is July 4th on? Thursday

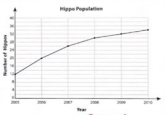
How many Tuesdays in July? 5

Fractions

Nikki ate $\frac{1}{4}$ of a pizza. The pizza had more than 4 slices. Which fraction also describes how much of the pizza Nikki could have eaten? $\frac{2}{8}$



Graphs



Which year had 20 hippos? 2006

How many hippos were in 2008? 30 (32+34)

How many hippos in 2009 & 2010? 66

Mixed Word Problems

It takes Rosa 5 minutes to write one address using calligraphy. How many addresses can Rosa write in 30 minutes?

30 ÷ 5 = 6 addresses

Two-Step Word Problems

Carlos bought 2 packages of dog treats for Fido. Each package has 2 rows of 7 treats. How many treats did Carlos buy?

2 X 7 = 14 (1 pk.)

14 + 14 = (2 pks)

28 treats

Name _____ Date _____

M&Ms (Making Math Stick)

Entering 4th Grade: Week 9

Addition

Find the sums.

127,340	407,342
+ 54,364	+ 56,826
181,704	464,168

Subtraction

How much more money to make $1.00.

57¢	43¢	38¢	62¢
36¢	64¢	45¢	55¢
21¢	79¢	84¢	16¢

Multiplication

Fill in the missing numbers in the equations below?

(3 X 2) X 4 = 24

70 = 7 X (2 X 5)

(4 X 2) X 4 = 32

Division

Which of the problems below have a quotient of 7?

- ☒ 21 ÷ 3
- ☐ 36 ÷ 6 = 6
- ☒ 56 ÷ 8
- ☐ 40 ÷ 5 = 8

Place Value

Figure out the rule, then fill in the missing numbers in the chart. (−20)

In	out
120	100
354	334
685	665
542	522

Vocabulary

Which shows 6,308 in expanded form?

- ☐ 600 + 30 + 8
- ☐ 6,000 + 300 + 80
- ☒ 6,000 + 300 + 8
- ☐ 6,000 + 308

Name _____ Date _____

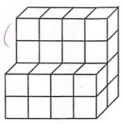
M&Ms (Making Math Stick)

Entering 4th Grade: Week 9

Geometry

How many cubes make up this solid?

24



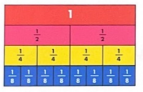
Measurement

Write the time that is:

25 minutes before 5:00	4:35
20 minutes before 9:00	8:40
40 minutes before 7:00	6:20
35 minutes before 2:00	1:25

Fractions

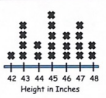
Compare the fractions below.



$\frac{1}{2} > \frac{3}{8}$ $\frac{2}{4} < \frac{5}{8}$

Graphs

Use the line plot to answer the questions.



How tall is the tallest kid? 48 in.

How many are less than 44 in.? 5

What height has the most kids? 45 in.

Mixed Word Problems

The Brady family drove 181 miles on Monday, 286 miles on Tuesday, and 138 miles on Wednesday. To the nearest hundred, about how many miles did they drive in all?

200 + 300 + 100 = 600 miles

Two-Step Word Problems

Corey arranged 37 chairs around some tables. When he finishes, he has 1 chair **left over**. Which of the following could show how he arranged the chairs?

- ☐ 5 chairs at 7 tables
- ☐ 4 chairs at 8 tables
- ☒ 6 chairs at 6 tables
- ☐ 5 chairs at 8 tables

37 − 1 = 36

Name _____ Date _____

M&Ms (Making Math Stick)

Entering 4th Grade: Week 10

Addition

Fill in the missing digits.

$$\begin{array}{r} {\scriptstyle 1\ 1} \\ 5\,3\,7 \\ +\ 6\,9\,5 \\ \hline 1\,2\,3\,2 \end{array} \qquad \begin{array}{r} {\scriptstyle 1\ 1} \\ 5\,8\,4 \\ +\ 7\,3\,6 \\ \hline 1\,3\,2\,0 \end{array}$$

Subtraction

Find the difference.

84,003	46,202
− 61,002	− 20,147
23,001	26,055

Multiplication

Fill in the missing numbers.

A. $5 \times (5 \times 2) = 50$ (10)

B. $6 \times 10 = 60$

C. $3 \times 8 = 24$

D. $2 \times (3 \times 2) = 12$

Division

In	Out
27	3
45	5
63	7
81	9
90	10

Rule: Divide by 9

Place Value

Write the highlighted digits place and value.

Number	Place	Value
6,352	thousands	6,000
2,139	tens	30
2,742	ones	2
3,728	hundreds	700

Vocabulary

Write the greatest and least number you can using these digits **3, 8, 6,** and **4** once.

greatest 8,643

least 3,468

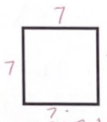
Name _____ Date _____

M&Ms (Making Math Stick)

Entering 4th Grade: Week 10

Geometry

The perimeter of Suzie's square is 28 ft. What are the lengths of each side?



7 ft.

(28 ÷ 4 = 7)

Measurement

Fill in the start and end time.



2:30



3:38

What is the elapsed time?

1 hr. 8 min.

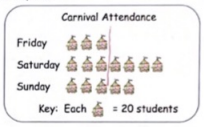
Fractions

What fraction of the shapes are circles?



$\frac{1}{6}$ $\frac{4}{6}$ $\frac{2}{6}$

Graphs



How many went on Sunday? 100

How many more went Saturday than Friday? 80

Mixed Word Problems

On Thursday, 435 people went to the zoo. On Friday, 618 people went. On Saturday, 506 people went to the zoo. How many more people went on the busiest day than the least busy day?

5818
−435
183

183 people

Two-Step Word Problems

Crystal baked 36 muffins. She kept 12 muffins and then gave the rest to her 4 friends. Each friend got the same number of muffins. How many muffins did each friend get?

① 36 − 12 = 24

② 24 ÷ 4 = 6

6 muffins