

Summer Bridge Program

Your children worked hard this year and learned a lot. Research shows that students easily lose a couple of months' worth of skills - especially in Math - during the long summer break. We don't want this to happen to our students, so we will continue the Summer Bridge Program to help them retain learned skills.

Attached are activities in Math and Reading that students going into grades 2-6 are expected to complete this summer. By doing a little during the summer, your children will come back to school ready to continue their learning from where they left off in May.

The Math worksheets are due the first day of school. Points will be given for completed work. *After June 1st, these worksheets may also be downloaded from our website.*

Be sure your children continue to practice their Math facts for fluency over the summer. There will a Math facts fluency test the first Friday after school starts.

Great websites and apps that will help your children practice their math skills over the summer:

Websites:

www.abcya.com

interactivesites.weebly.com/math.html

<http://mrnussbaum.com/math-for-kids/>

APPS:

Splash Math

Go Math!

IQ Safari Math

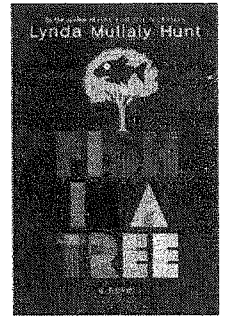
The Reading assignments - Book Report (incoming 2nd graders), Story Map (incoming 3rd-6th graders), and optional book activity are also due the first day of school.

Happy Summer! ☺

2018 Summer Reading for Incoming Fifth Graders

REQUIRED READING:

Fish in a Tree by Lynda Mullaly Hunt



Students must turn in the completed story map for this novel on the first day of school. It will be for a grade.

NOTE: The story map and grading rubric are attached to this handout. This book may be read independently by your child or may be read aloud with your child.

In addition, students are also required to read a second book from the list below. **No story map is required for this second summer reading book.** However, students may obtain **10 bonus points** by completing one of the given book activities.

NOTE: Accelerated Reading quizzes can be taken on these books during the summer or upon return to school in August.

2nd BOOK SUGGESTIONS—“Student Choice”

- **The One and Only Ivan** by Katherine Applegate (BL 3.6)
- **Crenshaw** by Katherine Applegate (BL 3.8)
- **Fudge-a-Mania** by Judy Blume (BL 3.3)
- **The Mouse and the Motorcycle** by Beverly Cleary (BL 5.1)
- **The Indian in a Cupboard** by Lynne Reid Banks (BL 4.6)
- **The Whipping Boy** by Sid Fleischman (BL 3.9)
- **The Lightning Thief** by Rick Riordan (BL 4.7)
- **The Lemonade War** by Jacqueline Davies
- **Island of the Blue Dolphins** by Scott O'Dell (BL 5.7)
- **The Crossover** by Kwame Alexander (BL 4.3)
- **Where the Red Fern Grows** by Wilson Rawls (BL 4.9)
- **Shiloh** by Phyllis Reynolds Naylor (BL 4.4)
- **The War that Saved My Life** by Kimberly Brubaker (BL 4.1)
- **Save Me a Seat** by Sarah Weeks (BL 4.7)

BOOK ACTIVITIES TO COMPLETE FOR 10 BONUS POINTS

Choose **one** of the following activities to complete after reading the 2nd book.

---Write an alternate ending to the book.

---Choose one character from the book and make a collage of his/her character traits. Use markers, magazine cut-outs, or stickers to help describe the character to others.

---Choose your favorite part of the book and create a comic strip that illustrates that part of the book.

DATE _____

TITLE OF BOOK:

AUTHOR:

Setting: Where and when does the story happen?

Characters: Who is in the story? Write their names.



Problem/Conflict: What is the problem(s) the characters have to figure out?



Events: What happens in the story?

In the beginning...

Then...

Next...

After...

*****Complete the SENTENCE STARTERS below.*****

*My favorite character was _____ because _____

*My favorite part of the book was when _____
because _____

*I liked this book because _____

*I did not like this book because _____

NOTE: Please bring the STORY MAP (with parent signature) on the first day of school. This work will be graded based on the rubric attached.

Parent Signature:

SUMMER READING: Rubric for Story Map

Name _____

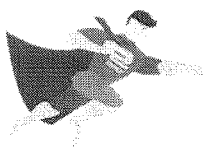
Title of Book: _____

Characters (WHO?)	10 points Four or more characters are listed; all names are written correctly. ☺	8 points At least three characters are listed; little or no spelling or grammar errors.	5 points Less than two characters are listed; several spelling and grammar errors.	Teacher Comments
Setting (WHERE & WHEN?)	10 points Clear descriptions of where and when the story happens.	8 points Missing part of setting description; some details given.	5 points No clear descriptions about where or when the story happens.	
Problem (CONFLICT)	10 points Problem/conflict stated clearly with strong details.	8 points Problem is stated but needs more details.	5 points Problem is not clear at all.	
Events (WHAT happened?)	10 points All events written; clear complete thoughts; clear understanding.	8 points Some events written; somewhat clear & some understanding.	5 points Less than three events written; events not clear and give little explanation.	
Sentence Starters (OPINION)	10 points All sentence starters completed with good details to support answers.	8 points All sentence starters completed but details are lacking to support answers.	5 points Less than ½ of the sentence starters are completed; little effort shown.	

TOTAL: _____ /50

Name _____

Date _____



Math Mixed Review Part 1

Flying Through Fourth Grade

Directions: Use your favorite addition strategy to find the sum.

$$\begin{array}{r} 1. \quad 142 \\ + 158 \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 1,452 \\ + 371 \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 62 \\ + 39 \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 25,102 \\ + 551 \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad 92 \\ + 49 \\ \hline \end{array}$$

Directions: Use your favorite subtraction strategy to find the difference.

$$\begin{array}{r} 6. \quad 190 \\ - 165 \\ \hline \end{array}$$

$$\begin{array}{r} 7. \quad 30 \\ - 12 \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad 524 \\ - 22 \\ \hline \end{array}$$

$$\begin{array}{r} 9. \quad 5,246 \\ - 145 \\ \hline \end{array}$$

$$\begin{array}{r} 10. \quad 42,595 \\ - 2,371 \\ \hline \end{array}$$

Directions: Write the factors for each number. Then, decide whether the number is prime or composite.

Numbers

Factors

Prime or Composite?

11) 21

12) 30

13) 19

Now, write the first five multiples of the number 7: _____

Directions: Solve the word problem. Make sure to show your work in each section.

Gavin is a quiltmaker. He uses 5 yards of material to make one square quilt and 7 yards of material to make one rectangular quilt. How many yards of material would Gavin need to make 6 square quilts and 6 rectangular quilts?

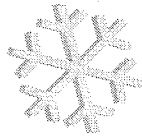
Draw a Visual

Write a Number Sentence

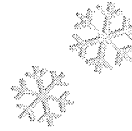
Record Your Answer

Name _____

Date _____



Long Division with Partial Quotients #2



How to Divide with Partial Quotients

Step 1: Work with multiples of 100 and ask yourself: *How many times can 5 go into 1,325?* 5 can go into this dividend 200 times without going over.

Step 2: Subtract 1,000 from 1,325. How many times can 5 go into 325? Think multiples of 10! 5 multiplied by 60 is 300.

Step 3: Repeat until you can't subtract.

Step 4: The sum of the partial quotients is your final answer.

divisor	5	1, 3 2 5	dividend
	-	1, 0 0 0	2 0 0
		3 2 5	
	-	3 0 0	6 0
		2 5	
	-	2 5	5
		0	

$$200 + 60 + 5 = 265$$

$$1,325 \div 5 = \boxed{265}$$

Directions: Find each quotient using the Partial Quotient Strategy and show all of your work. There are no remainders.

1.

5
1, 4 6 5

2.

3
2, 5 6 8

3.

9
2, 9 8 8

Let's Check Using the Inverse Operation!

Use multiplication to check your answer for problem number 1. Show all of your work.



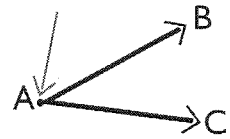
Geometry : Angles

An *angle* is made up of two rays that share a common endpoint. The *vertex* of an angle is the point where the two rays meet.

An *acute* angle is less than 90°

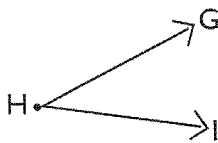
An *obtuse* angle is more than 90°

A *right* angle is equal to 90°



Name each angle and write down the letter that represents its vertex.

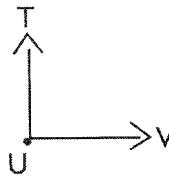
1)



Angle: _____

Vertex: _____

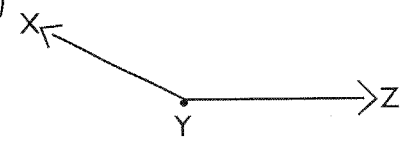
2)



Angle: _____

Vertex: _____

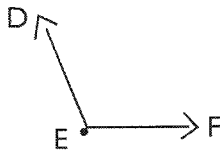
3)



Angle: _____

Vertex: _____

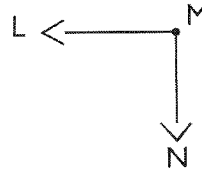
1)



Angle: _____

Vertex: _____

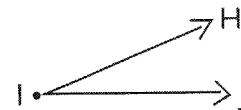
2)



Angle: _____

Vertex: _____

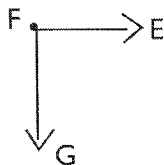
3)



Angle: _____

Vertex: _____

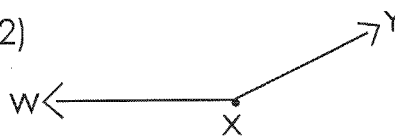
1)



Angle: _____

Vertex: _____

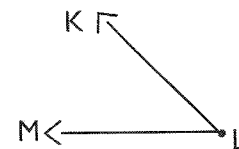
2)



Angle: _____

Vertex: _____

3)



Angle: _____

Vertex: _____

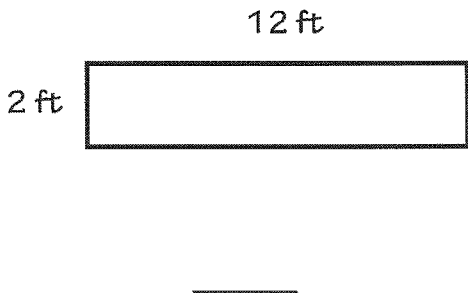
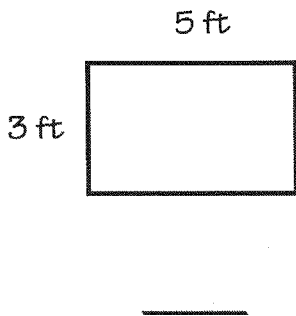
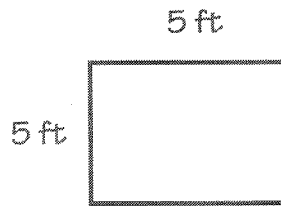
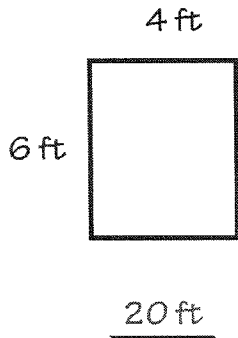
1) An angle measuring less than 90° is called an _____ angle.

2) An angle measuring exactly 90° is called a _____ angle.

3) An angle measuring more than 90° is called an _____ angle.

PERIMETER MATCH

Find the **perimeter** of each rectangle, then draw at least 2 rectangles that have the same perimeter.



Rectangle Mania: Practice Finding Area I

Fill in the missing information to find the area of each rectangle.

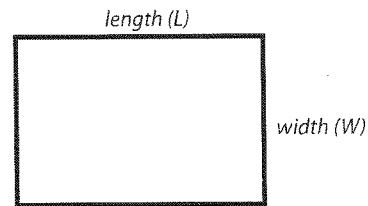
?

Review:

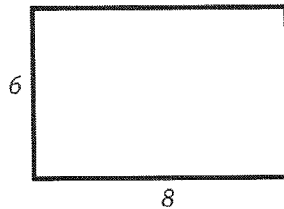
Rectangle Area = width x length

Width is the shortest side of a rectangle.

Length is the longest side of a rectangle.



Example:

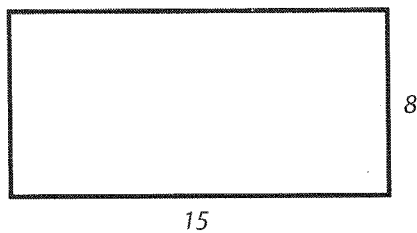


Length = 8 ft.

Width = 6 ft.

Area = 8×6
= 48 sq. ft.

1

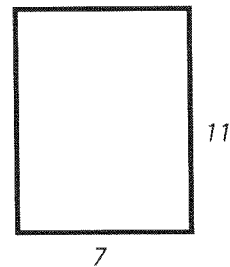


Length = _____ ft.

Width = _____ ft.

Area = _____
= _____ ft.

2

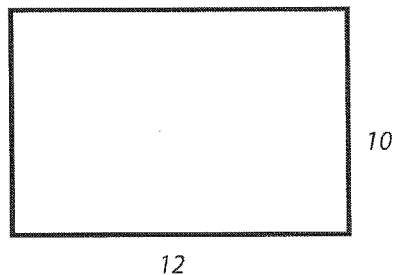


Length = _____ ft.

Width = _____ ft.

Area = _____
= _____ ft.

3

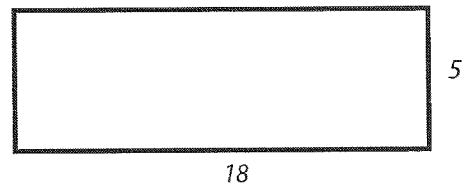


Length = _____ ft.

Width = _____ ft.

Area = _____
= _____ ft.

4



Length = _____ ft.

Width = _____ ft.

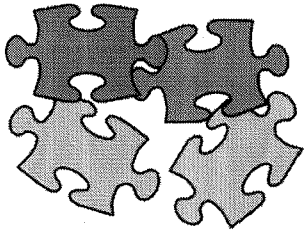
Area = _____
= _____ ft.

Fractions: Addition & Subtraction

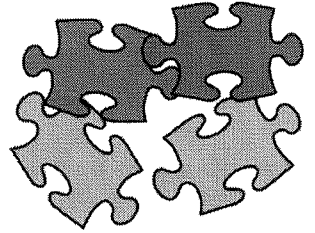
Solve the fraction equations. Remember to simplify.

$\frac{1}{5} + \frac{4}{5} = \frac{5}{5}$ or 1	$\frac{2}{3} - \frac{1}{3} = -$	$\frac{6}{12} + \frac{5}{12} = -$	$\frac{7}{16} - \frac{3}{16} = -$
$\frac{8}{10} - \frac{2}{10} = -$	$\frac{7}{8} + \frac{3}{8} = -$	$\frac{6}{9} - \frac{6}{9} = -$	$\frac{4}{16} + \frac{4}{16} = -$
$\frac{3}{7} + \frac{1}{7} =$	$\frac{10}{12} - \frac{6}{12} = -$	$\frac{4}{6} + \frac{1}{6} = -$	$\frac{7}{8} - \frac{2}{8} = -$
$\frac{6}{12} - \frac{3}{12} = -$	$\frac{2}{8} + \frac{3}{8} = -$	$\frac{5}{9} - \frac{3}{9} = -$	$\frac{5}{18} + \frac{4}{18} = -$





Math Crossword Puzzle



Fill in the blanks of each crossword puzzle to make the division equations true.

64	÷		=	8
÷				÷
	÷		=	2
=				=
32		÷		= 9

	÷	2	=	27
÷				÷
	÷	2	=	
=				=
				9

			36	÷		=	2
÷			÷		÷		
12		81	÷		=		
=				=		=	
12	÷		=	4			

						68
						÷
						=

Name _____

Date _____

Review: Fractions & Decimals

Numbers less than a whole can be written two ways: as a fraction or a decimal.

1. a fraction

$$0.25 = \frac{25}{100}$$

Since the 5 is written in the 100ths place,
write a 100 on the bottom.

2. a decimal

$$\frac{2}{10} = 0.2$$

Since the 2 is above the number 10,
write the 2 in the 10ths place.

Rewrite the numbers below as a fraction or a decimal.

A. $\frac{51}{100} =$ _____ $\frac{5}{10} =$ _____ $\frac{63}{100} =$ _____ $\frac{92}{100} =$ _____

B. $0.25 =$ _____ $0.4 =$ _____ $0.40 =$ _____ $0.85 =$ _____

C. $\frac{25}{10} =$ _____ $0.15 =$ _____ $0.94 =$ _____ $\frac{55}{100} =$ _____

D. $\frac{73}{100} =$ _____ $\frac{82}{100} =$ _____ $\frac{7}{10} =$ _____ $0.3 =$ _____

E. $0.6 =$ _____ $0.45 =$ _____ $0.95 =$ _____ $\frac{64}{100} =$ _____

F. $\frac{22}{100} =$ _____ $0.79 =$ _____ $\frac{43}{10} =$ _____ $0.5 =$ _____

G. $\frac{1}{10} =$ _____ $\frac{4}{10} =$ _____ $0.1 =$ _____ $\frac{32}{100} =$ _____

H. $\frac{99}{100} =$ _____ $0.2 =$ _____ $\frac{2}{10} =$ _____ $\frac{74}{100} =$ _____

I. $\frac{9}{10} =$ _____ $\frac{8}{10} =$ _____ $0.66 =$ _____ $\frac{28}{100} =$ _____

Summer Word Problems

Use addition, subtraction, multiplication or division to solve the following word problems.

1. Kim invites 12 of her friends to a backyard BBQ. If she plans for each person to eat 3 hot dogs, how many hot dogs must she buy?

2. The Johnson family is taking a vacation in Southern California. They plan to spend 3 days in Los Angeles, 2 days in San Diego and 4 days in Santa Barbara. How many days will they spend on vacation?

3. Stan and Lisa visit the county fair. If they wait in line for 15 minutes to ride each attraction, how many attractions can they ride in 4 hours?

4. Allen attended his first baseball game last summer. If the 9-inning game lasted 3 hours, what was the average amount of time each inning lasted?

5. Gina builds 24 sand castles at the beach. If a wave knocks down 13 of them, how many sand castles are left?

Mittens and Math: Two-Digit Multiplication Practice

1)
$$\begin{array}{r} 53 \\ \times 88 \\ \hline \end{array}$$

2)
$$\begin{array}{r} 57 \\ \times 59 \\ \hline \end{array}$$

3)
$$\begin{array}{r} 47 \\ \times 75 \\ \hline \end{array}$$

4)
$$\begin{array}{r} 19 \\ \times 36 \\ \hline \end{array}$$

5)
$$\begin{array}{r} 83 \\ \times 74 \\ \hline \end{array}$$

6)
$$\begin{array}{r} 39 \\ \times 15 \\ \hline \end{array}$$

7)
$$\begin{array}{r} 11 \\ \times 25 \\ \hline \end{array}$$

8)
$$\begin{array}{r} 97 \\ \times 23 \\ \hline \end{array}$$

9)
$$\begin{array}{r} 36 \\ \times 12 \\ \hline \end{array}$$

10)
$$\begin{array}{r} 47 \\ \times 78 \\ \hline \end{array}$$

11)
$$\begin{array}{r} 56 \\ \times 30 \\ \hline \end{array}$$

12)
$$\begin{array}{r} 44 \\ \times 86 \\ \hline \end{array}$$

13)
$$\begin{array}{r} 16 \\ \times 35 \\ \hline \end{array}$$

14)
$$\begin{array}{r} 31 \\ \times 80 \\ \hline \end{array}$$

15)
$$\begin{array}{r} 90 \\ \times 41 \\ \hline \end{array}$$

16)
$$\begin{array}{r} 61 \\ \times 70 \\ \hline \end{array}$$

17)
$$\begin{array}{r} 18 \\ \times 27 \\ \hline \end{array}$$

18)
$$\begin{array}{r} 72 \\ \times 37 \\ \hline \end{array}$$

19)
$$\begin{array}{r} 56 \\ \times 51 \\ \hline \end{array}$$

20)
$$\begin{array}{r} 73 \\ \times 16 \\ \hline \end{array}$$

