

FOR THE RISING 6TH GRADE CLASS

Summer Math Assignment

NAME _____

Please read all the information in this packet.

- 1. Complete opinion pages 1-4. (homework grade)**
- 2. Complete a math journal for 1 week. (homework grade)**
- 3. Make division flashcards for the 9,10,11,and 12 times tables. See examples in this packet. (homework grade)**
- 4. Study your flashcards. Expect quizzes during the first week of school.**
- 5. Complete the Internet Assignment. (homework grade)**
- 6. Summer Math Challenge – Optional—Your choice**
- 7. Fill in the Rubric on the last page.**

Due Date Thursday August 11, 2016

Getting to Know You

Please complete the following sentences. There are no right or wrong answers.

1. During the summers I most enjoy _____

2. I wish I could _____

3. What I like to do most is _____

4. The thing I enjoy best about school is _____

5. I am happiest when _____

6. My favorite television program is _____

7. I learn best when _____

8. My favorite sports are _____

9. One thing I do well is _____

10. One thing I would like to do better is _____

11. I dislike school when _____

12. When I grow up I hope to be _____

ion

Please fill in the rest of the sentence.

A. I LIKE MATH BECAUSE

B. I DO NOT LIKE MATH BECAUSE

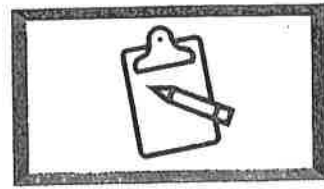
C. I COULD BE BETTER AT MATH IF

D. MATH IS EASY WHEN

Name _____

3

Date _____



Student Survey

For each statement, record a ✓ to tell how you feel.

	Most of the time	Some of the time	Hardly ever
I am good in math.			
I need help on most problems.			
I see how math is used in real life.			
I understand word problems.			
I can solve most problems.			
I like to try new strategies.			
I give up easily.			
I keep an organized notebook.			
I think math is fun.			

Describe a project you would like the class to work on.

What is your favorite kind of math? Explain why.

List some activities outside of school where you have used math.

Math Questions

1. Make a list of careers or jobs that rely on knowing math. Name at least 4.

2. Are numbers important in sports?

3. Ask your parent how much math they use in their job. Write their response below

4. Ask your parent about their memories of math class. Write them below.

5. Ask your parent how important math is in real life. Write their response below.

Math Journal

Your journal may be on loose leaf stapled together.

You must take notes in your journal for one week (7 days).

1. Observe your everyday activities and those of your parents or family members. Look for anything that involves mathematics.
2. Choose any of the following:
 - Record who you see doing math and what they are doing.
 - Record any math you see in newspapers, on TV, or any videos.
3. Your observations are recorded in your journal.
4. Try to describe or explain how the math is being used. Why is math useful in that situation?

Please follow the following format. (THIS IS AN EXAMPLE.)

DATE	WHO IS DOING THE MATH? WHERE DO YOU SEE THE MATH?	WHAT KIND OF MATH IS IT?	WHY IS MATH USEFUL ?
Day 1 6/14/10	<i>My mother is baking a cake. She is using in a cookbook and a measuring cup.</i> <i>I saw decimals in the newspaper.</i>	<i>Fractions and Mixed Numbers Addition of the fractions</i> <i>Addition and Subtraction of decimals</i>	<i>Knowing fractions helps us to measure properly while baking. Decimals are involved keeping track of a business.</i>

This MATH JOURNAL is your first 6th Grade math assignment. It must be complete to receive full credit. It will be graded.

THE MATH JOURNAL MUST BE COMPLETED BY _____.

Summer Math Assignments

1. REVIEW YOUR MULTIPLICATION AND DIVISION FACTS 1 THROUGH 9

2. MAKE FLASHCARDS FOR THE DIVISION FACTS LISTED. YOU WILL NEED TO KNOW THE 9, 10, 11, 12 TIMES TABLES.

REVIEW YOUR FLASHCARDS. THEY WILL BE COLLECTED, CHECKED, and RETURNED.

$$9 \overline{)9}$$

$$10 \overline{)10}$$

$$11 \overline{)11}$$

$$12 \overline{)12}$$

$$9 \overline{)18}$$

$$10 \overline{)20}$$

$$11 \overline{)22}$$

$$12 \overline{)24}$$

$$9 \overline{)27}$$

$$10 \overline{)30}$$

$$11 \overline{)33}$$

$$12 \overline{)36}$$

$$9 \overline{)36}$$

$$10 \overline{)40}$$

$$11 \overline{)44}$$

$$12 \overline{)48}$$

$$9 \overline{)45}$$

$$10 \overline{)50}$$

$$11 \overline{)55}$$

$$12 \overline{)60}$$

$$9 \overline{)54}$$

$$10 \overline{)60}$$

$$11 \overline{)66}$$

$$12 \overline{)72}$$

$$9 \overline{)63}$$

$$10 \overline{)70}$$

$$11 \overline{)77}$$

$$12 \overline{)84}$$

$$9 \overline{)72}$$

$$10 \overline{)80}$$

$$11 \overline{)88}$$

$$12 \overline{)96}$$

$$9 \overline{)81}$$

$$10 \overline{)90}$$

$$11 \overline{)99}$$

$$12 \overline{)108}$$

$$10 \overline{)100}$$

$$11 \overline{)110}$$

$$12 \overline{)120}$$

$$10 \overline{)110}$$

$$11 \overline{)121}$$

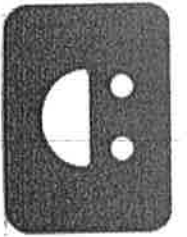
$$12 \overline{)132}$$

$$10 \overline{)120}$$

$$11 \overline{)132}$$

$$12 \overline{)144}$$

*** Be prepared for timed quizzes the first week of school. ***
Knowing your times tables are very important for success in 6th grade Math.



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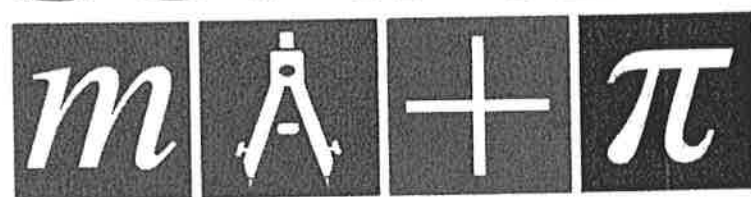
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SUMMER



CHALLENGE

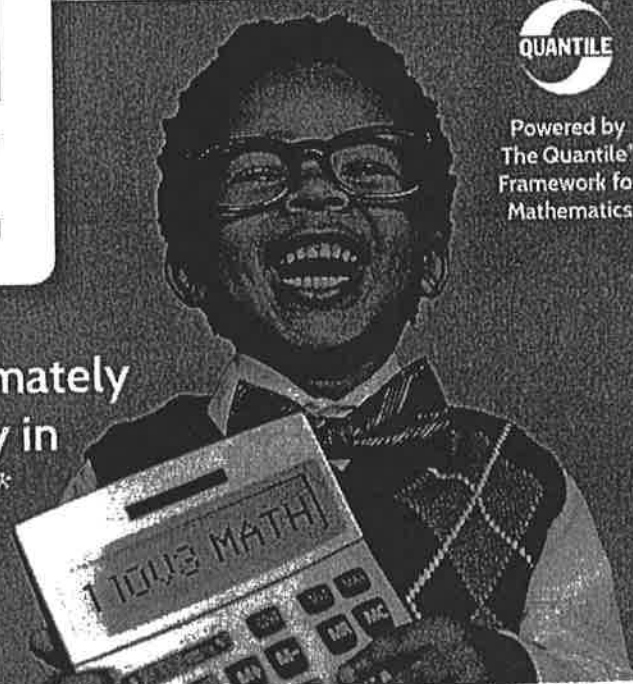
Fight Summer Math Loss
with this Free Program!



Powered by
The Quantile[®]
Framework for
Mathematics

On average, all students lose approximately 2.6 months of grade level equivalency in math skills over the summer months.*

*Cooper, H., Nye, B., Charlton, K., Lindsay, J., & Greathouse, S. (1996). The effects of summer vacation on achievement test scores: A narrative and meta-analytic review. *Review of Educational Research*, 66(3), 227-268.



Join the Summer Math Challenge:

- 1 Go to quantiles.com/summer-math to enroll your child.
- 2 Starting Monday, 6/20, check your inbox for daily emails with fun math activities and resources.
- 3 Visit quantiles.com/summer-math every day to read about the weekly math concept and earn badges.
- 4 When the program ends on Friday, 7/29, print an award certificate to celebrate your child's summer accomplishment!

The Summer Math Challenge is a **FREE** math skills maintenance program based on grade-level state standards and Common Core State Standards for Mathematics. The program is targeted to students who have just completed 1st through 7th grades and is designed to help kids retain math skills learned during the previous school year.



The Quantile[®] Framework for Mathematics



MetaMetrics

Assignment	Page	Completed Date	Teacher Comments
Opinion pages	1 to 4		
Math Journal	5		
Flash Cards	6		
Internet Assignment	7		
Summer Math Challenge	8		