

Name _____

Hartford Magnet Trinity College Academy



2016 Summer Math Assignment



Incoming 7th Grade

Dear Students and Families,

To keep your math skills honed over the summer we ask families to devote some of their summer to doing math. All students are required to complete the assignment included in this packet: a writing prompt which provides students an opportunity to share their thoughts and feelings about math with their new math teacher. Students should treat this as their first homework assignment of the year.

Students should return the completed math packet to their math teacher by **Friday, September 2, 2016.**

In addition, families are encouraged to find other ways to focus on the use of math in their daily lives. Play family games involving math, provide opportunities to have students work on math activities on internet sites and involve students in computing discounts and sales tax when you do your back to school shopping. (A detailed list of suggestions is included in this packet.)

◆ **We expect that students have mastered the multiplication facts prior to sixth grade; students entering seventh grade should have mastered operations with fractions and decimals.**

Remember, do some math all summer long!

Sincerely,

Sally A. Biggs

Sally A. Biggs
Principal



Play games that involve math – the whole family can play!
If you're playing a family game, have your student do the math necessary to determine the score.

Games that involve math either during play or in computing scores include Battleship, Cribbage, Equate, Math 24 Game, Quirkle, Scrabble, S'math and Yahtzee.

Games that involve logical reasoning and strategizing include Backgammon, Blokus, Chess, Dominoes, Gobblet, KenKen, Mancala, Mastermind and Othello.



This list is not exhaustive; ask at your local toy store for other suggestions.



While shopping have your student estimate the bill before the cashier finishes ringing up your order. If you are taking advantage of a sale, have your student use the advertised percentage to figure the discount or sale price. If you go out to eat at a restaurant, have your child figure out the tip.

If your household has access to the internet, please use the list of approved web sites below to help your student practice skills or find challenge problems to solve. If computer access is not available at home, we suggest utilizing your local library.

<http://www.aplusmath.com>

This site offers interactive flashcards, games, a homework helper, and help on advanced math problems.

<http://www.multiplication.com>

This site offers activities, games, and worksheets to help teach the multiplication facts.

<http://www.mathplayground.com/>

This site gives students a chance to practice their math skills, play a logic games and have some fun while doing it.

<http://www.figurethis.org>

This site offers some challenge problems, as well as useful information for parents interested in how to help their students with math.

<http://www.mathsisfun.com>

This site is covers basic math skills.

<http://www.shodor.org/interactivate/activities/>

These activities allow for exploration of concepts from middle school mathematics. A java-capable browser is required.

<http://nlvm.usu.edu/en/nav/vlibrary.html>

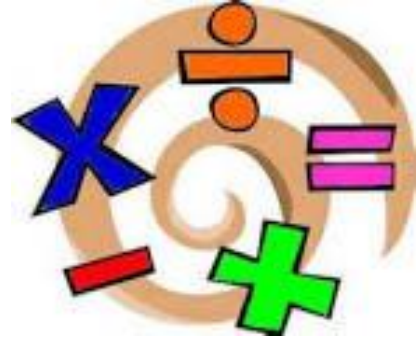
These interactive manipulatives allow for exploration and practice on a wide range of topics ranging from Pre-K through high school. The site can be viewed in Spanish.

Name _____

Respond to the questions below. The purpose of this assignment is for you to reflect on your experience in math this past year (during 6th grade).

Topics you might have studied during 6th grade include:

- Operations with Whole Numbers
- Operations with Fractions
- Operations with Decimals
- Units of Measurement
- Perimeter and Area
- Solving Equations
- Integers
- Expressions, Inequalities and Equations
- Percent
- Statistics and Graphing Data
- Geometry



1) Of the topics you studied during 6th grade which topic do you feel **most** confident about?

Write the topic here 

Write three sentences explaining why you are confident you learned this topic well. Give some specific reasons! (Reasons might include memorable activities you participated in this past year in math class, math problems you've encountered in other situations that you were able to solve, questions in this packet you knew how to solve, etc.)

a) _____

b) _____

c) _____

2) Of the topics you studied during 6th grade which topic do you feel **least** confident about?

Write the topic here 

Write three sentences explaining why you are not confident and feel you didn't learn the topic well. Give some specific reasons! (Reasons might include math activities, assignments or tests that were frustrating or difficult this past year, math problems you've encountered in other situations that you were not able to solve, questions in this packet that you didn't know how to solve, etc.)

a) _____

b) _____

c) _____

3) If you could tell your 7th grade teacher one thing about you as a student of mathematics, what would it be? Write one sentence to your new 7th grade math teacher telling them something that will help them understand you better this coming year.

