

Grade 8 Math Summer Assignment

Dear Students,

I am very excited to have you as a part of my math class again next year. I want you to have a fun and relaxing summer, and I know that you can do that while also working on your math skills. Research shows that when students who work on math and reading skills over the summer, they retain those skills much better and hit the ground running at the start of the new school year.



Over the summer I am assigning some games, puzzles, and digital activities to help you keep your math skills sharp. We have about 12 weeks of summer vacation. The minutes of math that I am assigning to you should take about one hour each week to complete with a few weeks off for vacation. I would like you to spread the activities out over the summer. Maybe pick a day of the week and a time of the day to set aside for your math activities. These activities are designed to be fun. Some of them you will do individually, and some you will do with your family and/or friends. Remember to log your activities each time you complete them, and have your parents initial each time you make an entry on your math log.

Over the summer, if you have any questions, please feel free to email me at mrs.fennessy@stmmhbg.org. I won't be checking my email every day, but I will get back to you within a few days.

God bless,
Mrs. Fennessy



Grade 8 Summer Math Minutes Requirement: *You must do a variety of activities. Maximum points will not be given if all minutes are complete with one or two activities.*

Games and Puzzles (Non-Digital):

Requirement: 300 minutes

Games that fit into this category:

Board games: checkers, chess, Uno, Connect Four, Monopoly, Clue, Battleship, Life, Five Second Rule, Beat the Parents, Jenga, Labyrinth, escape rooms...

Card Games: Math 24, Solitaire, War, Crazy Eights, Slap Jack...

Puzzles: regular puzzles with 500 pieces or more, Soduko, coordinate plane pictures (you can print them off form online)...

Games and Puzzles (Digital)

Requirement: 300 minutes- Make sure you are working in 7th grade level to start. If you need review, go down to 6th grade level. If you want a challenge, go up to 8th grade level.

Website and Online Activities that fit into this category:

<https://arithmetic.zetamac.com/> - **Minimum of 75 minutes on the site**

<https://www.ixl.com>- **Minimum of 75 minutes on this site- Complete these before August 1**

<https://mathantics.com>

<https://www.khanacademy.org>

<https://www.mathgames.com>

<https://www.codecademy.com>

<https://www.mathopolis.com>

<https://www.education.com>

<https://www.safekidgames.com>

<https://www.funbrain.com/>

<https://www.mathdrill.com/>

<https://www.mathplayground.com>

Focus on these skills:

Addition, Subtraction, Multiplication, and Division of whole numbers, integers, decimals, fractions

Order of Operations

Reducing fractions and finding equivalent fractions

Changing decimals to fractions and fractions to decimals

Percent

Geometry

Graphs and Charts

Measurement

TOTAL MINUTES REQUIRED: 600. *You may absolutely complete additional minutes. Summer work is due on the first day of class. Points will be deducted for each day the packet is late.*

Name: _____ Grade 8 Summer Math Minutes

Directions: Each time you complete a math assignment, enter the date, activity, and minutes it took to complete. Then have your parent/guardian initial it. The first entry is an example for you. When you complete the log, count up your minutes and write the total at the bottom of each page.

Date	Activity	Minutes to complete	Parent/Guardian Initials
Example June 15, 2023	Game of Checkers	20 minutes	
Example June 29, 2023	IXL Place Value	15 minutes	
Example August 1, 2023	Math Antics Video on Types of Polygons	12 minutes	

Total Minutes for this page: _____

Date	Activity	Minutes to Complete	Parent/Guardian Initials

Total Minutes for this page: _____

Parents/Guardians initials on each entry and signature on the final pages are needed for maximum points.

Parent Signature: _____

Date	Activity	Minutes to Complete	Parent/Guardian Initials

Total Minutes for this page: _____