

LETTER TO PARENTS AND STUDENTS

SEPTEMBER 15, 2019

Welcome to Math5 in School Nova! If you have any questions, please contact me by email or talk to me before or after class. I can be reached by email oksana.ivashk@gmail.com.

Parents are very welcome to the class. Please be quiet, and do not use your phone in the class. Please take a seat at the back of the class.

HOMEWORKS

Homeworks will be assigned every week. Homeworks are very important and are NOT OPTIONAL. Try solving all problems. Incomplete solution of a problem is better than no solution. Homeworks are the feedback about how material has been digested, and where everyone stands. Try not to be heavily involved in your child's HW, rather encourage him/her to invest time. If something does not work out take a break and come back. The homeworks will include topics either learned in class or which are important for the concept to be learned. Thus, it is vital that the students do the homework. **Homework should be written on a separate quadrille paper with enough details to understand how the problem was solved.** Mathematical notations will be good enough, some words, are OK too. No essays please.

Each homework is worth 2 tickets. 1 ticket for opening it, reading the problems, and making some documented efforts solving it. Second ticket is for solving it and efforts invested. 3 tickets can be exchanged anytime for a Lindor chocolate from a candy jar.

SUPPLIES.

Your child will need **quadrille paper** (as the **homework is to be submitted on a stapled quadrille paper**), a folder to keep your homeworks and other material, a pencil case to keep a pencil, an eraser, etc. In other words you are free to come up with any way to organize yourself. **Minimum you should have a paper, a pencil, and completed homework, if assigned.**

We will continue studying geometry this year. Your child will need a decent compass, a ruler and a triangle (60/30 or 45/45). I will let you know when to bring those in class.

WHAT MATERIAL WILL BE COVERED?

We will briefly review LCM, GCF, divisibility rules; review operations with fractions (addition, subtraction, multiplication, division), operation with negative numbers (addition and subtraction), distribution property and simplifying algebraic equations.

We will learn commutative and associative property in addition to distributive one, numbers Venn diagram, operation defined on different sets we know so far, operations with negative numbers (multiplication, division), decimal fractions and operations with decimal fractions (addition and subtraction, multiplication, division), powers, square roots, base 4, 13, and 2 calculations, and will solve many word problems. We will cover probability and combinatorics.

We will have some hands on projects, estimations, and math battles.

MATH COMPETITION

Every year our school participates in a math competition called Math Kangaroo. Registration for Math Kangaroo will be separately announced by the school. In class we will be preparing for the competition and discussing competition problems before and after the Olympiad.

Welcome all again to the wonderful journey!