

LETTER TO PARENTS AND STUDENTS

(2 pages, hope font is comfortable)

SEPTEMBER 17, 2017

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.

CLASS POLICIES

Parents are very welcome to the class. Please be quiet and don't interfere. 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 sufficient details to understand how the problem was solved.** Mathematical notations will be good enough, some words, are OK too. No essays are expected.

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. Please contribute \$15/student for the class materials, mostly for chocolates. They are very popular. Each homework is worth 2 tickets. 1 tickets 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.

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.

NEW STUDENTS

It is OK if some material will be new for some students. During the first 2 weeks we will be reviewing lots of concepts we have learned so far and adding very little new ones. It is an opportunity to catch up. I will be available after class and willing to help. Contact me with any questions.

MATH COMPETITION

Every year our school participates in a math competition called Math Kangaroo. Registration for Math Kangaroo 2017 will be separately announced by the school. In class we will be preparing for the competition and discussing 2017 competition problems after the Olympiad. <http://www.mathkangaroo.org/mk/default.html>

Welcome all again to the wonderful journey!