

Dear parents and students,

My name is Leon Shor and I will be your teacher for Math 5B during this school year. I know that most of us would prefer to be taught in person, but unfortunately current circumstances present us with online choice only, at least for the Fall semester.

There is a number of interesting topics that we are going to cover this year: order of operations, prime numbers, divisibility tests, LCM and GCD, operations with fractions, negative numbers, logic, and several geometry topics. We will also try not to forget about your regular school curriculum and make sure you have some interesting (and challenging) problems that increase your level of comprehension.

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.

Our class will run from 11:15AM to 12:50PM with a 5 minute break in-between. In order to join our class on the class days please join Zoom Meeting at: <https://us02web.zoom.us/j/87620119323?pwd=bDhINGJVOXd0bXdsS0N1V3hOTEhDU T09>

The meeting room will be open at 11:00AM to allow the students time to get set up.

**For the first class only** I would like all parents to join the class as well at 11:00AM for 15 minutes to go over the introduction and quick questions if any.

About our class format:

Our classes will be held live through Zoom conferencing application. I will schedule the online meeting with the whole class at the time of your regularly scheduled SchoolNova lesson and post the information in Google Classroom. A direct link to join the class session will be posted in Google Classroom and could be reused for all recurring classes.

If you are new to Zoom, please go to Zoom.us and sign up, then download an app to your device from [Download Center](#). You can also [join a test meeting](#) to familiarize yourself with Zoom prior to our scheduled class. This will ensure a stress-free start of our classes.

Please make sure that the student is equipped with a working webcam and a microphone. Headphones (headphones with a mic) are highly recommended for the quality of sound during the class. Please ensure that the student's camera stays **ON** at all times during the lesson.

Working remotely makes all of us dependent on a fast reliable internet connection. Occasionally, the connection malfunctions beyond our control or may become unstable, causing an interruption or even a cancelation of a class. In the event if I lose internet connection prior or during the class, please check the classroom stream - another staff member will be notified of the situation and will post the update in the stream.

### Classwork and homework:

The class is informal - there are no grades. However, there will be homework. Homework is **ESSENTIAL** to understanding the material we are going to cover in class. Some homework problems might be more challenging than others. Please do the homework on a separate piece of paper showing DETAILED solution. The best approach to homework is to do it gradually (one or two problems a day). **The homeworks should be uploaded in Google Classroom by the due date / time** and will be graded by my teaching assistant.

All announcements, classwork and homework assignments will be posted in Google Classroom. **Therefore it's essential for each student to accept the invitation to my google class room sent to their schoolnova e-mail account. The classwork will be posted by 10AM on the day of the class. Please make sure your child has a printed copy of the classwork before the class begins.** If you miss a class, the homework and a short description of the topic covered in class will be posted. As an extra layer for staying informed, anything posted in the classroom will automatically send a notification to each student's SchoolNova email - student email information is posted on your private account page on Schoolnova.org website.

This year children will benefit from having a quadrille loose paper to take notes (rather getting used to this idea) and to solve class problems as well as a pencil and an eraser. They will need loose quadrille paper and a ruler for homework and graphs.

We are very lucky to have Elena Gnilitkaya as a teaching assistant in this class. She can be reached at [elena@schoolnova.org](mailto:elena@schoolnova.org). I can be reached at [shor@schoolnova.org](mailto:shor@schoolnova.org)

Best of Luck,  
Leon Shor