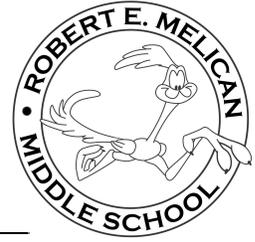


Michelle T. Karb
Principal

Jennifer R. Callaghan
Assistant Principal



RESPECT · RESPONSIBILITY · LOVE OF LEARNING

June 17, 2022

Dear Incoming 8th Grade Students,

In order to be prepared for the 8th grade math experience, you should be fluent with rational number operations. This means that you should be able to easily **add, subtract, multiply and divide with integers, fractions, and decimals**. To help keep your math skills fresh, we highly recommended that you complete some math problems over the summer. Below are places for you to get work on these types of problems.

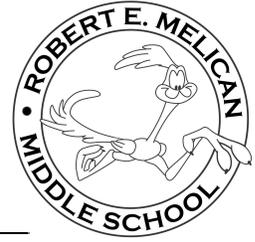
1. **IXL website** <https://www.ixl.com/signin/nsboro> All 7th grade students were given an account on the IXL website this year and for most students your username and password will be the same as your google username and password. If you can't remember your username and/or password you can complete 10 problems a day for free without logging in. If you get any problems wrong it will give you an explanation on how to get the correct answer.

Make sure you click on "**Math**" along the top and then **7th grade**. Here are some good places to start, but you can do anything listed under 7th grade math!

- C1 - adding integer rules
- C3 - adding integers
- C4 - subtracting integer rules
- C6 - subtracting integers
- C12 - integer multiplication rules
- C13 - multiply integers
- C14 - integer division rules
- C15 - divide integers
- E1 - add and subtract decimals
- G1 - add and subtract fractions
- G9 - multiply fractions
- G12 - divide fractions
- G16 - word problems with fractions

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2. ***Big Ideas Math*** <https://www.bigideasmath.com/BIM/login> You will also have access to your 7th grade math book. After you log in, click on “**Resources**” along the top bar, and then “**Student Dynamic E-Book**” in the top left corner and you will see our book. Any problems from **Chapter 1, 2, and 3** would be good practice. The answers to the odd problems are in the back of the book so you can check your work!

3. ***Khan Academy*** <https://www.khanacademy.org/> is also a good place to find some problems and some videos to help you. Choose **7th grade math** and then **Negative Numbers** to get started.

A **summer work log** was handed out in class and is also on the Melican website for you to record any work you have done. Please make sure to have a parent sign off on your work! You can turn in a completed log to your 8th grade math teacher during the first week of school to receive extra credit.

Have a great summer and we look forward to seeing you in the fall!!

Sincerely,

7th & 8th Grade Math Teachers