If you are registered for **Introduction to Algebra** in the 2023-2024 school year, please complete your work from **Grade 7 Math topics in IXL** to a **Smart Score of at least 90**. Your deadline is no later than August 31, 2023.

To prepare yourself for a successful year ahead in math, **please do not use a calculator**, unless you have a learning plan on file with our SJB program which allows the use of one. Having basic addition, subtraction, multiplication, and division facts committed to memory will enable a smoother transition into your next math course.

Grade 7 Math topics in IXL

1. **A.6** Least common multiple

2. **C.8** Integer subtraction rules

3. **C.16** Integer multiplication rules

4. **C.18** Integer division rules

5. **E.3** Multiply decimals

6. **E.5** Divide decimals

7. **F.8** Convert between mixed numbers and improper fractions

8. **G.3** Add and subtract mixed numbers

9. **G.5** Inequalities with addition and subtraction of fractions and mixed numbers

10. **H.2** Convert decimals to fractions or mixed numbers

11. **H.8** Compare rational numbers

12. **H.9** Put rational numbers in order

13. **H.10** Add and subtract positive and negative decimals

14. **H.11** Add and subtract positive and negative fractions

15. **H.16** Multiply and divide positive and negative decimals

16. **H.17** Multiply and divide positive and negative fractions

17. **J.2** Identify equivalent ratios

18. **J.5** Unit Rates

19. **J.10** Do the ratios form a proportion?

20. **J.11** Solve proportions

Sometimes, IXL will release updates during the summer months that will change the topic letter and number. Please refer to the topic names. For example, complete "Add and subtract whole numbers" regardless the listed letter and number. If an update does occur, you can use the IXL's skill updates page to see any changes made to existing skill codes. You will need to click on the appropriate subject (math) and grade from which you are working.

To log on to Maryvale's IXL, please go to https://www.IXL.com/signin/maryvale.
Email Mrs. Weber (weberd@maryvale.com) if you need support logging on or with the program.