



If you are registered for **7<sup>th</sup> Grade Prealgebra** in the 2024-2025 school year, please complete your summer work from **Grade 6 Math topics in IXL** to a **Smart Score of at least 90**. Your deadline is no later than August 30, 2024.

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 6 Math topics in IXL**

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| 1. <b>B.3</b> Multiplying numbers ending in zero                     | 11. <b>M.2</b> Reciprocals                                      |
| 2. <b>E.1</b> Add/Sub/Mult/Div two whole numbers                     | 12. <b>N.1</b> Add/Sub/Mult/Divide two fractions                |
| 3. <b>E.7</b> Evaluate numerical expressions involving whole numbers | 13. <b>O.1</b> Understanding Integers                           |
| 4. <b>G.2</b> Least Common Denominator                               | 14. <b>S.17</b> Solve the Proportion                            |
| 5. <b>H.1</b> Add and Subtract Decimals                              | 15. <b>V.10</b> Solve Percent Problems                          |
| 6. <b>H.3</b> Add and subtract money amounts: Word Problems          | 16. <b>Y.1</b> Write Variable Expressions: One Variable         |
| 7. <b>K.6</b> Add and Subtract Mixed Numbers                         | 17. <b>Y.4</b> Evaluate Variable Expressions with Whole Numbers |
| 8. <b>K.9</b> Maps with fractional distances                         | 18. <b>AA.18</b> Solve one-step equations involving integers    |
| 9. <b>L.2</b> Multiply fractions by Whole Numbers II                 | 19. <b>BB.2</b> Graph Inequalities on Number Lines              |
| 10. <b>L.9</b> Scaling by Fractions and Mixed Numbers                | 20. <b>BB.3</b> Write Inequalities from a Number Line           |

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](mailto:weberd@maryvale.com)) if you need support logging on or with the program.