



If you are registered for **Prealgebra** in the 2021-2022 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 31, 2021.

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>A.6</b> Add and subtract whole numbers                  | 11. <b>J.1</b> Add and subtract fractions with like denominators |
| 2. <b>B.1</b> Multiply whole numbers                          | 12. <b>J.6</b> Add and subtract mixed numbers                    |
| 3. <b>B.3</b> Multiply whole numbers with four or more digits | 13. <b>K.6</b> Multiply two fractions                            |
| 4. <b>B.6</b> Multiply three or more numbers                  | 14. <b>L.5</b> Divide fractions                                  |
| 5. <b>C.5</b> Divide whole numbers – 2-digit divisors         | 15. <b>M.7</b> Compare integers                                  |
| 6. <b>C.6</b> Divide whole numbers – 3-digit divisors         | 16. <b>N.3</b> Add integers                                      |
| 7. <b>F.4</b> Put decimal numbers in order                    | 17. <b>N.6</b> Subtract integers                                 |
| 8. <b>I.1</b> Fractions on Number Lines                       | 18. <b>N.12</b> Multiply Integers                                |
| 9. <b>I.3</b> Equivalent fractions review                     | 19. <b>N.14</b> Divide integers                                  |
| 10. <b>I.4</b> Write fractions in lowest terms                | 20. <b>O.11</b> Add, subtract, multiply, or divide two integers  |

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 skill updates page to see any changes made to existing skill codes. The update page is located at <http://ixl.com/skill-updates>.

To log on to Maryvale’s IXL, please go to <https://www.IXL.com/signin/maryvale>. Email Mrs. Dicriscio ([dicrisciob@maryvale.com](mailto:dicrisciob@maryvale.com)) if you need support logging on or with the program.