



If you are registered for **Algebra 1** in the 2024-2025 school year, please complete your summer math work from **Grade 8 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 8 Math topics in IXL

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|-----|------------|---|-----|-------------|---|
| 1. | A.1 | Compare and order integers | 11. | B.4 | Put rational numbers in order |
| 2. | A.2 | Integer addition and subtraction rules | 12. | B.6 | Add and subtract rational numbers |
| 3. | A.4 | Add and subtract integers | 13. | B.7 | Add and subtract rational numbers: word problems |
| 4. | A.5 | Add and subtract three or more integers | 14. | B.8 | Apply addition and subtraction rules |
| 5. | A.6 | Add and subtract integers: word problems | 15. | B.9 | Multiply and divide rational numbers |
| 6. | A.7 | Integer multiplication and division rules | 16. | B.10 | Multiply and divide rational numbers: word problems |
| 7. | A.8 | Multiply and divide integers | 17. | B.11 | Apply multiplication and division rules |
| 8. | A.9 | Evaluate numerical expressions involving integers | 18. | B.13 | Evaluate numerical expressions involving rational numbers |
| 9. | B.2 | Convert between decimals and fractions or mixed numbers | 19. | H.1 | Convert between percents, fractions and decimals |
| 10. | B.3 | Compare rational numbers | 20. | H.9 | Solve percent equations |

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.