

Summer Work for Students Entering ALGEBRA I

The SHS Math department welcomes you to Algebra I for the 2023-2024 school year. We hope that you enjoy a restful, safe summer and are able to spend much needed time with family and friends. We also hope that you set aside some time to practice your math skills so that you return to school well-prepared for your next math course at Shelton High School. Below is a list of topics with the IXL strand link that would help to prepare you for Algebra I.

Important notes:

- 1) You MUST sign in with your school log-in.
- 2) You must work on each skill to a score of 80 and complete at least 10 questions.
- 3) If you have previously worked on that skill and already reached a score of 80; you must continue practicing for at least 15 minutes to receive credit.
- 4) The work is recommended. Students who complete the work will earn full credit for a $\frac{1}{2}$ quiz grade in their math class next year.
- 5) The work is to be completed by **August 24th, 2023**. At this point, IXL will no longer be available as preparations are made for the new school year.

*New students can obtain an IXL username and password through Corie Blank & Trish Meyers in the main office

- ☐ J8R [Add and Subtract Rational Numbers](#) (Complete without a calculator)
- ☐ H6L [Multiply and Divide Rational Numbers](#) (Complete without a calculator)
- ☐ ZXX [Simplify Variable Expressions involving Like Terms and Distributive Property](#)
- ☐ TXJ [Solve One-Step Linear Equations](#)
- ☐ QAK [Solve Two-Step Linear Equations](#)
- ☐ 28N [Solve Multi-Step Linear Equations](#)
- ☐ 7S7 [Solve Linear Equations with Variables on Both Sides](#)
- ☐ R5T [Slope-Intercept Form: Find the Slope and Y-Intercept](#)
- ☐ EA8 [Compare Linear Functions: Graphs & Equations](#)
- ☐ 8BS [Interpret a Scatter Plot](#)
- ☐ Y2S [Write Equations for Lines of Best Fit](#)