

Math Summer Assignment for Students Entering 8th Grade

The purpose of this summer assignment is to practice math skills learned in seventh grade that will be used in eighth grade. These topics are in the eighth grade math skills in [ixl.com](https://www.ixl.com).

- Sign-in to ixl.
- Choose **Eighth grade** from the list of math skills. Then, locate each individual topic. Students should earn at least 90% in each topic.
- If you earn at least 90% in each topic listed below, you will earn a Math Summer Assignment grade of 25/25 which will be a component of your Trimester 1 grade.

Topics:

- A4 - Add and subtract integers
- A8 - Multiply and divide integers
- A9 - Evaluate numerical expression involving integers
- C2 - Evaluate powers
- E1 - Square roots of perfect squares
- K6 - Evaluate multi-variable expressions
- K7 - Evaluate absolute value expressions
- K9 - Evaluate rational expressions
- L1 - Properties of addition and multiplication
- L2 - Multiply using the distributive property
- L5 - Add and subtract linear expressions
- M8 - Solve two-step equations
- M11 - Solve equations involving like terms
- N2 - Graph inequalities on number lines
- N3 - Write inequalities from number lines
- O1 - Coordinate plane review
- O2 - Quadrants and axes