



## Algebra 1 (Middle School) Summer Math Assignments

Students should sign in to [www.ixl.com/signin/posnack](http://www.ixl.com/signin/posnack), copy and paste the topic number and skill description into “search topics and skills” at the top left corner of the screen. All students are required to complete at least 5 of the IXL skills listed below, earning a score of 85% or higher. Please contact the Middle School office if you have difficulty signing in to the IXL website.

### IXL – Algebra I (Level K)

- A.1 Compare and Order Rational Numbers
- B.7 Evaluate Variable Expressions Involving Rational Numbers
- D.9 Multi-Step Problems with Percents
- J.11 Solve Linear Equations: Mixed Review
- K.11 Graph Solutions to Advanced Linear Inequalities
- O.1 Word Problems Mixed Review
- Q.4 Identify Functions
- S.4 Slope from Two Points
- S.6 Graph Using Slope-Intercept Form
- S.12 Solve for  $y$
- V.6 Multiple and Divide with Exponents
- EE.2 Simplify Radical Expressions with Variables