

Grade 8 Algebra Readiness

Attached is a recommended list of concepts that students should have a proficient understanding of as they enter Grade 8 Algebra Readiness in the fall. If they so choose, students may reinforce their knowledge of these concepts by practicing skills at [CliffsNotes](#), [Khan Academy - Math](#), [Learn Zillion](#), or [Purple Math](#).

Concepts

- Add, subtract, multiply, and divide positive and negative numbers without a calculator (all numbers including integers, fractions and decimals)
- Use the order of operations to simplify expressions
- Evaluate variable expressions
- Simplify expressions using the distributive property and combining like terms
- Solve one-step equations
- Solve two-step equations
- Solve multi-step equations