

**Oklahoma School Testing Program
Oklahoma Modified Alternate Assessment Program
Performance-Level Descriptors
End-of-Instruction Algebra I**

Advanced: Students performing at the Advanced level on the Oklahoma Modified Alternate Assessment consistently demonstrate a thorough understanding of the knowledge and skills expected of students at the End-of-Instruction in Algebra I, which includes objectives in the areas of number sense and algebraic operations, relations and functions, and data analysis and statistics. In addition to demonstrating an understanding and application of all modified skills at the Satisfactory performance level, students scoring at the Advanced level typically use a range of strategies to solve problems, regularly use various types of reasoning, connect one area or idea of mathematics to another, and communicate mathematical ideas.

Satisfactory: Students performing at the Satisfactory level on the Oklahoma Modified Alternate Assessment demonstrate a general understanding of the mathematics knowledge, skills, and processes expected of students at the End-of-Instruction in Algebra I. Students scoring at the Satisfactory level on the Oklahoma Modified Alternate Assessment typically will:

- use formulas, laws of exponents, percents, probability, and measures of central tendency to solve one-step problems within an algebraic context;
- simplify and evaluate linear expressions;
- distinguish between linear and nonlinear data;
- calculate the slope of a line;
- identify the equation of a line;
- solve linear equations and inequalities and match simple equations to a graph;
- solve a system of linear equations by graphing;
- translate from one representation of data to another and make valid inferences and predictions based on collected data without calculations.

Limited Knowledge: Students performing at the Limited Knowledge level on the Oklahoma Modified Alternate Assessment demonstrate a partial understanding of the mathematics knowledge, skills, and processes expected of students at the End-of-Instruction in Algebra I.

Students scoring at the Limited Knowledge level have difficulty and are inconsistent in applying the general knowledge and mathematical process skills necessary to solve problems effectively and reason mathematically.

Unsatisfactory: Students performing at the Unsatisfactory level on the Oklahoma Modified Alternate Assessment do not demonstrate at least a Limited Knowledge level of the skills expected of students at the End-of-Instruction in Algebra I. These students typically should be given additional comprehensive mathematics instruction.