

## **Achievement Level Descriptors--Algebra I EOC Test**

### **Achievement Level I**

Students performing at this level do not have sufficient mastery of knowledge and skills of the course to be successful at a more advanced level in the content area.

Students performing at Achievement Level I show minimal conceptual understanding, limited computational accuracy, and often respond with inappropriate answers or procedures. They rarely use problem-solving strategies successfully.

In Algebra I, students continue the study of algebraic concepts. Using appropriate technology, they model and solve problems by performing operations with real numbers, polynomials, and matrices; graph using linear, quadratic, and exponential functions; and collect and interpret data. Students solve systems of linear equations and inequalities in two variables. They use Algebra I and geometric concepts developed in previous years for real word applications.

### **Achievement Level II**

Students performing at this level demonstrate inconsistent mastery of knowledge and skills of the course and are minimally prepared to be successful at a more advanced level in the content area.

Students performing at Achievement Level II show inconsistency in conceptual understanding, accurate computation, and responding with appropriate answers or procedures. They demonstrate limited use of problem-solving strategies.

In Algebra I, students continue the study of algebraic concepts. Using appropriate technology, they model and solve problems by performing operations with real numbers, polynomials, and matrices; graph using linear, quadratic, and exponential functions; and collect and interpret data. Students solve systems of linear equations and inequalities in two variables. They use Algebra I and geometric concepts developed in previous years for real word applications.

### **Achievement Level III**

Students performing at this level consistently demonstrate mastery of the course subject matter and skills and are well prepared for a more advanced level in the content area.

Students performing at Achievement Level III generally show conceptual understanding, compute accurately, and respond with appropriate answers or procedures. They use a variety of problem-solving strategies.

In Algebra I, students continue the study of algebraic concepts. Using appropriate technology, they model and solve problems by performing operations with real numbers, polynomials, and matrices; graph using linear, quadratic, and exponential functions; and collect and interpret data. Students solve systems of linear equations and inequalities in two variables. They use Algebra I and geometric concepts developed in previous years for real word applications.

### **Achievement Level IV**

Students performing at this level consistently perform in a superior manner clearly beyond that required to be proficient in the course subject matter and skills and are very well prepared for a more advanced level in the content area.

Students performing at Achievement Level IV consistently show a high level of conceptual understanding, compute accurately, and respond with appropriate answers or procedures. They demonstrate capability by using a variety of problem-solving strategies.

In Algebra I, students continue the study of algebraic concepts. Using appropriate technology, they model and solve problems by performing operations with real numbers, polynomials, and matrices; graph using linear, quadratic, and exponential functions; and collect and interpret data. Students solve systems of linear equations and inequalities in two variables. They use Algebra I and geometric concepts developed in previous years for real word applications.

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