

Math Grade 6 Final

(Student name) scored at the *Advanced* level in Math. Students scoring at this level generally exhibit the ability to

- use multiple strategies to solve real-life problems involving positive numbers;
- use basic number and number theory concepts to determine and describe the relationship between numbers in problem settings;
- explain procedures involved in solving multi-step problems;
- use computational strategies to determine and compare measurements of two-dimensional shapes and measures of rate;
- use appropriate statistical measures and patterns in data to describe trends and make predictions;
- describe polyhedra using their basic properties;
- apply concepts, properties, and relationships of basic two-dimensional figures in real-life situations; and
- use, illustrate, and apply basic concepts of probability.

(Student name) scored at the *Mastery* level in Math. Students scoring at this level generally exhibit the ability to

- use models to solve problems involving ratios, proportions, and percents;
- translate verbal phrases into algebraic expressions and vice versa;
- demonstrate an intuitive sense of relative sizes of common units of measurement;
- make predictions regarding tessellations with geometric shapes;
- apply concepts and properties of basic two-dimensional figures in real-life situations;
- extend and construct complex arithmetic and geometric patterns presented in multiple formats (tables, charts, sequences, etc.); and
- use and illustrate basic concepts of probability.

(Student name) scored at the *Basic* level in Math. Students scoring at this level generally exhibit the ability to

- estimate and solve real-life problems involving addition and subtraction of fractions and decimals;
- solve simple proportions using models;
- find perimeter and area of simple geometric figures graphed on a coordinate grid;
- name and describe basic two- and three-dimensional geometric shapes;
- use substitution to evaluate simple algebraic expressions;
- extend and describe simple arithmetic and geometric patterns;
- use tools to determine linear measurements in relation to geometric shapes; and
- recognize basic concepts of probability.

(Student name) scored at the *Approaching Basic* level in Math. Students scoring at this level generally exhibit the ability to

- recognize and identify ratios and percents from a model;
- complete a simple input/output table;
- recognize and name basic geometric shapes;
- recognize common units of length and area; and
- interpret data from a graph.

(Student name) scored at the *Unsatisfactory* level in Math. Students scoring at this level have not demonstrated the fundamental knowledge and skills needed for the next level of schooling. Students scoring at this level need to develop the ability to

- recognize and identify ratios and percents from a model;
- complete a simple input/output table;
- recognize and name basic geometric shapes;
- recognize common units of length and area; and
- interpret data from a graph.