

Maria A. Doe
ABC School (123654)
ABC District (987456)

Grade 6 Math Assessment

About This Assessment

Maria took the AzMERIT Grade 6 Math assessment in spring 2015. The questions in this assessment measure the knowledge and skills taught in this grade and subject area.

Maria's score shows how well she understands Grade 6 Math content. A student who scores **Proficient** or **Highly Proficient** on AzMERIT is likely to be ready for the next grade level of Math.

About This Report

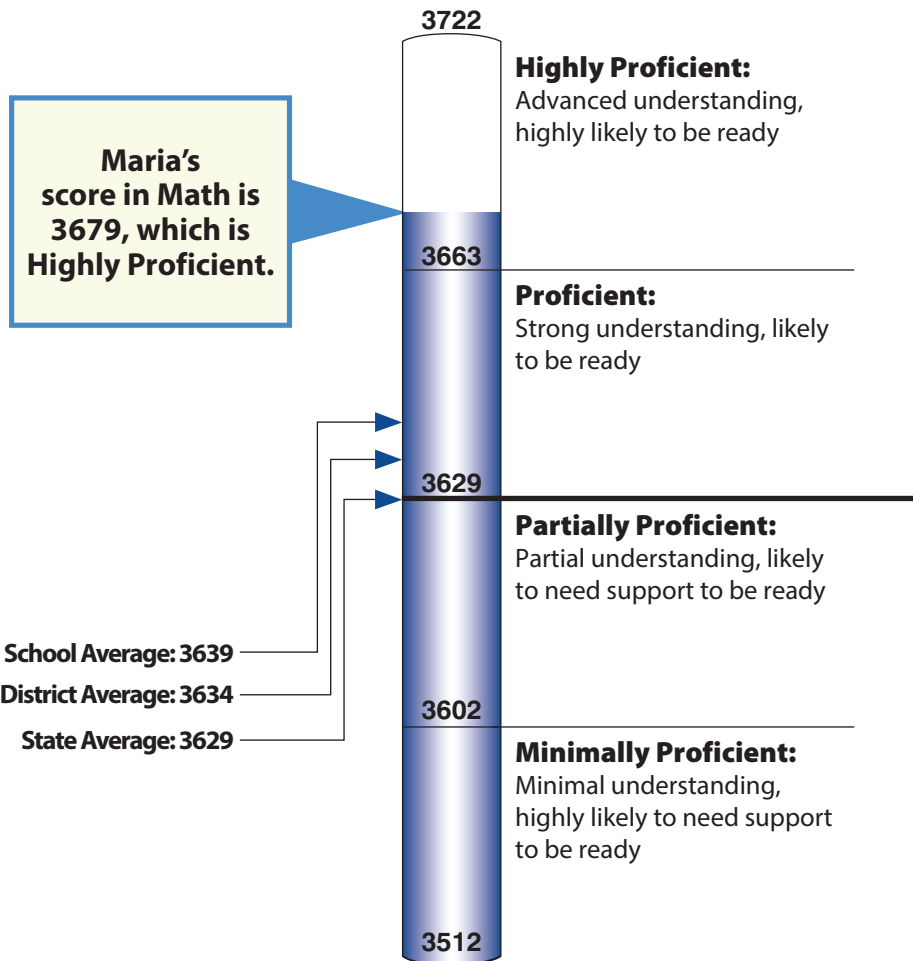
Front:

- Maria's overall score for this assessment includes a numeric score and a proficiency level.
- Her numeric score can be compared with the school, district, and state averages.
- The proficiency level indicates how well students understand current grade level material and how likely they are to be ready for the next grade.

Back:

- Maria's level of mastery is shown for each scoring category.
- Scoring categories represent specific knowledge and skills included in this assessment.
- There is a detailed description of the mastery level for each scoring category.

Maria's Performance on the Math Assessment



Maria's score is Highly Proficient.

She shows an **advanced** understanding of the expectations for her tested grade. She is highly likely to be ready for math in the next grade.

Legend: Scoring Categories



Below Mastery



At/Near Mastery



Above Mastery

Math Scoring Categories

Ratio and Proportional Relationships



Maria performed **above mastery** in Ratio and Proportional Relationships.

What was assessed?

Students understand ratios, rates, and percentages. They use proportions to describe relationships between two numbers and recognize similar relationships. They use ratios and rates to solve problems and to create tables. They convert units of measurement.

What do these results mean?

Your student almost always correctly uses ratios, rates, or percents to describe relationships between numbers or values; solves unit rate problems that involve multiple steps, real-world situations, or percents; and converts units of measurement to solve problems.

Expressions and Equations



Maria performed **at or near mastery** in Expressions and Equations.

What was assessed?

Students write, read, and find the value of expressions with exponents and letters that stand for numbers. They produce and identify equivalent expressions. They understand that solutions to equations and inequalities are the values that make the equations or inequalities true.

What do these results mean?

Your student is often able to find values of expressions with exponents; solve equations and inequalities; use inequalities to describe real-world relationships; and identify independent and dependent variables and use equations to describe the relationship between them.

The Number System



Maria performed **at or near mastery** in The Number System.

What was assessed?

Students solve division problems with fractions. They add, subtract, multiply, and divide when solving problems with multidigit decimal numbers. They find the greatest common factor and least common multiple. They understand the relationship between positive and negative numbers.

What do these results mean?

Your student is often able to use addition, subtraction, multiplication, or division strategically to solve problems; find greatest common factors and least common multiples; use positive and negative numbers and plot them on a graph; and determine the distance between two points.

Geometry, Statistics, and Probability



Maria performed **below mastery** in Geometry, Statistics and Probability.

What was assessed?

Students find the area of geometric figures and apply techniques used to solve real-world problems. They find the volume of solid figures. They draw polygons and three-dimensional figures. They recognize statistical questions. They describe, display, and interpret data.

What do these results mean?

Your student may have trouble finding the area of polygons; representing three-dimensional figures; recognizing statistical questions; identifying data represented in a graph; understanding the meaning of mean, median, mode, and range; and displaying data visually.

For more information about AzMERIT, go to azmeritportal.org.