

# AzMERIT FAMILY REPORT GUIDE

**FAMILY SCORE REPORT**  
**AzMERIT**  
**SPRING 2015**

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

**Grade 5 Math Assessment**

**About This Assessment**

Maria took the AzMERIT Grade 5 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 5 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**

School Average: 3608

District Average: 3603

State Average: 3595

**Maria's score is Partially Proficient.**

She shows a **partial** understanding of the expectations for her tested grade. She is likely to need support to be ready for math in the next grade.

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## 1 Barrel Chart

This “barrel chart” shows the range of scores and the four performance levels possible on this test. Your student’s numeric score is shown along with the averages for your student’s school, district, and the state of Arizona.

## 2 Performance Levels

Your student’s performance level is identified in this box. There are four performance levels that describe the general skills and abilities for students who take the AzMERIT. Students who score in the “Proficient” or “Highly Proficient” range are likely to be ready for the next grade or course. Students who score in the “Partially Proficient” or “Minimally Proficient” range are likely to need support to be ready for the next grade or course.

**FAMILY SCORE REPORT**  
**AzMERIT**

**Legend: Scoring Categories**

⚠ Below Mastery   ✓ At/Near Mastery   + Above Mastery

**Math Scoring Categories**

**3**

**Numbers and Operations in Base Ten and Algebraic Thinking**

+

Maria performed **above mastery** in Numbers and Operations in Base Ten and Algebraic Thinking.

**What was assessed?**  
Students read, write, round, and compare decimals to thousandths. They add, subtract, multiply, or divide decimals to hundredths. They write and find the value of numerical expressions and use given rules to create patterns. Students can find relationships between two patterns and graph ordered pairs. They can multiply multidigit numbers. They solve, represent, and explain four-digit by two-digit division problems using place value, multiplication, equations, or arrays.

**What do these results mean?**  
Your student almost always multiplies multidigit numbers fluently; solves four-digit by two-digit division problems and explains strategies using equations, arrays, or area models; explains patterns related to the number of zeros in an answer when multiplying and dividing numbers by powers of ten; adds, subtracts, multiplies, and divides decimals to the hundredths; and creates two patterns using given rules, finds relationships between the patterns, and graphs the patterns.

**4**

**Numbers and Operations - Fractions**

✓

Maria performed **at or near mastery** in Numbers and Operations - Fractions

**What was assessed?**  
Students add and subtract fractions with different denominators (bottom number), including mixed numbers. They multiply fractions, including proper, improper, and mixed numbers, and solve division word problems with fractions or mixed numbers as answers. Students create and use models to explain multiplication and division story problems with fractions. They find the area of rectangles with side lengths that include fractions, by using unit squares or multiplying.

**What do these results mean?**  
Your student often solves fraction word problems with different denominators (bottom number); solves division word problems with fractions for answers; creates and uses models to explain story problems for multiplication and division fraction problems; uses the relationship between multiplication and division to divide unit fractions (1 as the numerator, or top number) and whole numbers by each other; and finds the area of rectangles with side lengths that include fractions.

**5**

**Measurement, Data, and Geometry**

⚠

Maria performed **below mastery** in Measurement, Data, and Geometry.

**What was assessed?**  
Students convert measurements within the same system (like metric) and use conversions to solve multistep, real-world problems. They find the volume of solid figures using unit cubes, multiplication, and formulas. They plot ordered pairs on a graph and use graphs to solve problems. They understand that properties create categories and subcategories of flat shapes and can name flat shapes based on properties (number of sides, parallel, perpendicular, types of angles).

**What do these results mean?**  
Your student may have trouble understanding volume is a property of solid figures and can be measured using unit cubes; relating volume to multiplication; and breaking apart solid figures into rectangular prisms, finding the volume of each, and using addition to find the volume of the entire solid figure. Your student may have trouble converting measurements within the same system; making line plots; graphing ordered pairs; and naming flat shapes based on properties.

For more information about AzMERIT, go to [azmeritportal.org](http://azmeritportal.org).

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## 3 Scoring Categories

Each test has three or more scoring categories that describe the content in different parts of the test.

## 4 Mastery Levels

Your student’s ability level for each of these scoring categories is indicated. Students with the symbol **+** or **✓** show a good understanding of the content covered in this scoring category. Students with the symbol **⚠** likely need more support with the content covered in this scoring category.

## 5 What Was Assessed?

This short paragraph describes what type of content is covered in this scoring category.

## 6 What Do These Results Mean?

This short paragraph describes your student’s understanding of the content in this scoring category based on his or her ability level.

*For more information about your student’s academic performance, contact your student’s teacher or school.*

# GUÍA PARA EL INFORME FAMILIAR DEL AzMERIT

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**Maria's Performance on the Math Assessment**

**Highly Proficient:**  
Advanced understanding, highly likely to be ready

**Proficient:**  
Strong understanding, likely to be ready

**Partially Proficient:**  
Partial understanding, likely to need support to be ready

**Minimally Proficient:**  
Minimal understanding, highly likely to need support to be ready

**Maria's score is Partially Proficient.**

She shows a **partial** understanding of the expectations for her tested grade. She is likely to need support to be ready for math in the next grade.

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## 1 Gráfica de barra

Esta "gráfica de barra" muestra el rango de puntajes y los cuatro niveles de desempeño posibles para este examen. El puntaje numérico de su estudiante se muestra junto con los promedios de la escuela y distrito de su estudiante, así como del estado de Arizona.

## 2 Niveles de rendimiento

En este cuadro se identifica el nivel de desempeño de su estudiante. Existen cuatro niveles de desempeño que describen las habilidades y destrezas de los estudiantes que toman el AzMERIT. Los estudiantes que califican en el rango de "Competente" (*Proficient* en inglés) o "Altamente Competente" (*Highly Proficient*), es probable que estén preparados para el siguiente grado o curso. Los estudiantes que califican en el rango de "Parcialmente Competente" (*Partially Proficient*) o "Mínimamente Competente" (*Minimally Proficient*) probablemente necesiten apoyo para estar preparados para el siguiente grado o curso.

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**AzMERIT**

**Legend: Scoring Categories**

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## 3 Categorías de puntaje

Cada examen tiene tres o más categorías de puntaje que describen el contenido de las diferentes partes del examen.

## 4 Niveles de dominio

Estos indican el nivel de habilidad de su estudiante en cada una de estas categorías de puntaje. Los estudiantes con los símbolos **+** o **✓** demuestran buena comprensión del contenido cubierto en esta categoría de puntaje. Los estudiantes con el símbolo **⚠** probablemente necesiten más apoyo con el contenido cubierto en esta categoría de puntaje.

## 5 ¿Qué se evaluó?

Este breve párrafo describe qué tipo de contenido se cubre en esta categoría de puntaje.

## 6 ¿Qué significan estos resultados?

Este breve párrafo describe la comprensión que su estudiante tiene acerca del contenido de esta categoría de puntaje, con base en su nivel de habilidad.