



**State of Texas Assessments of Academic Readiness (STAAR™)
Performance Level Descriptors
Grade 4 Mathematics**

Performance Level Descriptors

Mathematical process skills are not assessed in isolation but are incorporated into questions that assess grade 4 content. These process skills focus on applying mathematics to solve problems, communicating about mathematics, and using logical reasoning.

Students achieving Level III: Advanced Academic Performance can

- Evaluate the reasonableness of solutions to application problems involving addition, subtraction, multiplication, and division of whole numbers
- Extend and apply geometry and measurement concepts to solve application problems including length and perimeter
- Evaluate the reasonableness of solutions to application problems involving measurement

Students achieving Level II: Satisfactory Academic Performance can

- Identify equivalent forms of decimals and fractions that name tenths and hundredths using models
- Solve application problems involving addition, subtraction, multiplication, and division of whole numbers
- Describe the relationship between two sets of related data
- Use essential attributes to define two- and three-dimensional geometric figures
- Locate and name points on a number line using whole numbers, fractions, and decimals
- Solve application problems involving length, perimeter, area, capacity, volume, weight, mass, time, and temperature
- Interpret bar graphs

Students achieving Level I: Unsatisfactory Academic Performance can

- Name decimals and fractions using models
- Find the missing value in a table of related data
- Identify types of lines and angles
- Perform simple conversions in the customary system