



State of Texas Assessments of Academic Readiness (STAAR™) Performance Level Descriptors Grade 3 Mathematics

Performance Level Descriptors

Mathematical process skills are not assessed in isolation but are incorporated into questions that assess grade 3 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 and subtraction of whole numbers
- Describe the relationship between related number pairs
- Evaluate the reasonableness of solutions to application problems involving linear measurement

Students achieving Level II: Satisfactory Academic Performance can

- Use fraction names and symbols to describe fractional parts of whole objects or sets of objects
- Solve application problems involving addition, subtraction, and multiplication of whole numbers and use models to solve division problems
- Identify and extend patterns including related number pairs
- Classify and describe attributes of two- and three-dimensional geometric figures
- Locate and name points on a number line using whole numbers and fractions
- Solve application problems involving length and perimeter and determine time, temperature, and area using pictorial models
- Solve application problems using data in pictographs and bar graphs

Students achieving Level I: Unsatisfactory Academic Performance can

- Recognize fractional parts of whole objects
- Find the value of a collection of coins and bills
- Use models to solve addition, subtraction, and multiplication problems with whole numbers
- Identify patterns in related multiplication and division sentences
- Identify two- and three-dimensional geometric figures, congruent figures, and lines of symmetry