



Trumbull Public Schools
Report Card Companion for Grade 5

Trimester 1 Expectations

Numerical Operations and Algebraic Thinking

- Write and interpret numerical expressions
- Understand the place value system
- Perform operations with multi-digit whole numbers

Quantity, Measurement, and Data

Understand concepts of volume and relate volume to multiplication and to addition

- Recognize volume as an attribute of solid figures and understand concepts of volume measurement
- Find the volume of a right rectangular prism with whole number side lengths and apply the formula for volume: $V = l \times w \times h$
- Recognize volume as additive

Geometry

- Not assessed in Trimester 1

Basic Fact Fluency

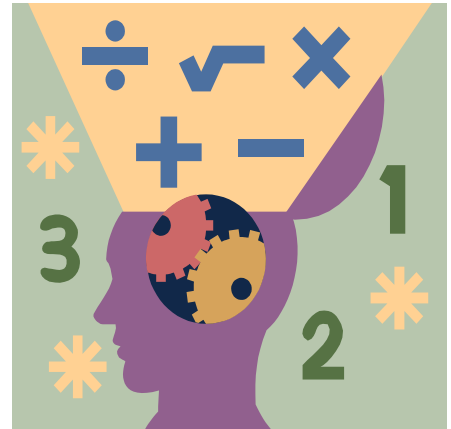
Basic Facts are assessed six times each trimester. In Trimester 1 students are assessed on multiplication and division facts. The report card shows the number of correct responses for each assessment out of 50 multiplication facts and 40 division facts. Students have 2.5 minutes to complete the assessment.

Tri-1 Assessments 1, 2, 3 Multiplication Facts (50 problems)	Tri-1 Assessments 4, 5, 6 Division Problems (40 problems)
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The expectation is for grade 5 students to correctly solve all problems.

The Fifth Grade Child:

- Knows the rules
- Works well with others
- Enjoys group games and projects
- Likes order and a harmonious environment
- Learns factual information easily
- Concentrates on completing projects and tasks



IN GRADE 5, students will build their understanding of the place value system by working with decimals up to the hundredths place. Students will also add, subtract, and multiply fractions, including fractions with unlike denominators. They will continue to expand their geometry and measurement skills, learning the concept of volume and measuring the volume of a solid figure.

BY THE END OF THE SCHOOL YEAR most 5th grade students will be able to do the following with consistency:

- Quickly and accurately multiply multi-digit whole numbers
- Divide numbers with up to four digits by two digit numbers
- Use exponents to express powers of 10 (in 10^2 , 2 is the exponent)
- Read, write, and compare decimals to the thousandths place
- Add, subtract, multiply, and divide decimals to the hundredths place
- Write and interpret mathematical expressions using symbols such as parentheses. For example, “*add 8 and 7, then multiply by 2*” can be written as $2 \times (8+7)$.
- Add and subtract fractions with unlike denominators (bottom numbers) by converting them to fractions with matching denominators
- Multiply fractions by whole numbers and other fractions
- Divide fractions by whole numbers and whole numbers by fractions
- Analyze and determine relationships between numerical patterns
- Measure volume using multiplication and addition