



Trumbull Public Schools
Report Card Companion for Grade 4

Trimester 1 Expectations

Numerical Operations and Algebraic Thinking

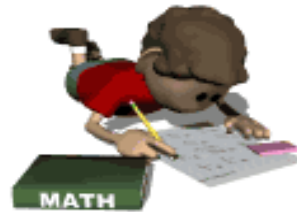
- Fluently add and subtract multi-digit whole numbers using the standard algorithm.
- Solve multistep word problems using the four operations including problems in which remainders must be interpreted.
- Gain familiarity with factors and multiples. Find all factor pairs for whole numbers in the range of 1-100 and recognize that a whole number is a multiple of each of its factors.

Geometry

- Draw and identify lines and angles and classify shapes by properties of their lines and angles

Quantity, Measurement, and Data

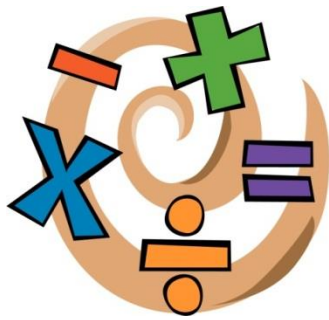
- Not assessed in Trimester 1



Basic Fact Fluency

Basic Facts are assessed six times each trimester. In Trimester 1 students are assessed on subtraction and multiplication facts. The report card shows the number of correct responses for each assessment. Students have 2.5 minutes to complete the assessment. Grade 4 students are expected to solve all problems correctly. See table below for the total number of questions per assessment.

Tri-1 Assessments 1, 2, 3 Subtraction Facts (50 problems)	Tri-1 Assessments 4, 5, 6 Multiplication Facts (40 problems)
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The Fourth Grade Child:

- Likes rules and logic. Begins to negotiate.
- Learns better on his/her own as he/she gains mastery of basic skills
- Struggles with abstractions
- Has a growing sense of peer importance and solidarity
- Needs clear expectations, encouragement, and positive language

IN GRADE 4, students will use addition, subtraction, multiplication, and division to solve word problems, including problems involving measurement of volume, mass, and time. Students will continue to build their understanding of fractions—creating equal fractions, comparing the size of fractions, adding and subtracting fractions, and multiplying fractions by whole numbers. They will also start to understand the relationship between fractions and decimals.

BY THE END OF THE SCHOOL YEAR, most 4th grade students will be able to do the following with consistency:

- Add and subtract whole numbers up to 1 million quickly and accurately
- Solve multi-step word problems, including problems involving measurement and converting measurements from larger to smaller units
- Multiply and divide multi-digit numbers
- Extend understanding of fractions by comparing the size of two fractions with different numerators (top numbers) and different denominators (bottom numbers)
- Create equal fractions ($\frac{3}{4} = 3 \times \frac{2}{4} \times \frac{2}{2} = \frac{6}{8}$)
- Add and subtract fractions with the same denominator
- Build fractions from smaller fractions ($\frac{3}{8} = \frac{1}{8} + \frac{1}{8} + \frac{1}{8}$)
- Connect addition & subtraction of whole numbers to multiplying fractions by whole numbers
- Represent and interpret data
- Convert fractions with denominators of 10 or 100 into decimals
- Locate decimals on a number line
- Compare decimals and fractions using the symbols $>$ (more than), $=$ (equal to), and $<$ (less than)