

Cumulative Learner Standards Proficiency

Learner: Alban, Tony

Class: Math 3B

Date Reported: 6/17/2004

Instructor: LA Smith

Proficient: $\geq 75\%$

Not Proficient: $< 75\%$

Not Tested:

Standard 1: Numbers and Operations

8NC 1.01 Develop number sense for real numbers. * Define and use irrational numbers. * Compare and order. * Use estimates of irrational numbers in appropriate situations.

8NC 1.01REF: General Skills
Lesson 1-3

Proficiency: Not Tested

Learner:

8NC 1.01 Proficiency: Not Tested

8NC 1.02 Develop flexibility in solving problems by selecting strategies and using mental computation, estimation, calculators or computers, and paper and pencil.

8NC 1.02REF: General Skills
Lesson 1-2

Proficiency: Not Tested

Learner:

8NC 1.02 Proficiency: Not Tested

Standard 1: Proficiency: Not Tested

Standard 2: Measurement

8NC 2.01 Determine the effect on perimeter, area, or volume when one or more dimensions of two- and three-dimensional figures are changed.

Proficiency: 5/8 (63%)

Learner:

8NC 2.01 Proficiency: 63%

8NC 2.02 Apply and use concepts of indirect measurement.

Proficiency: 2/3 (67%)

Learner:

8NC 2.02 Proficiency: 67%

Standard 2: Proficiency: 65%

Standard 3: Geometry

8NC 3.01 Represent problem situations with geometric models.

Proficiency: 1/1 (100%)

Learner:

8NC 3.01 Proficiency: 100%

8NC 3.02 Apply geometric properties and relationships, including the Pythagorean theorem, to solve problems.

Proficiency: 5/10 (50%)

Learner:

8NC 3.02 Proficiency: 50%

8NC 3.03 Identify, predict, and describe dilations in the coordinate plane.

Proficiency: 2/5 (40%)

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8NC 3.03 Proficiency: 40%

Standard 3: Proficiency: 63%

Standard 4: Data Analysis and Probability

8NC 4.01 Collect, organize, analyze, and display data (including scatterplots) to solve problems.

Proficiency: 3/7 (43%)

Learner:

8NC 4.01 Proficiency: 43%

8NC 4.02 Approximate a line of best fit for a given scatterplot; explain the meaning of the line as it relates to the problem and made predictions.

Proficiency: 0/2 (0%)

Learner:

8NC 4.02 Proficiency: 0%

8NC 4.03 Identify misuses of statistical and numerical data.

Proficiency: 2/3 (67%)

Learner:

8NC 4.03 Proficiency: 67%

Standard 4: Proficiency: 37%

Standard 5: Algebra

8NC 5.01 Develop an understanding of function. * Translate among verbal, tabular, graphic, and algebraic representations of functions. * Identify relations and functions as linear or nonlinear. * Find, identify, and interpret the slope (rate of change) and intercepts of a linear relation. * Interpret and compare properties of linear functions from tables, graphs, or equations.

Proficiency: 21/40 (53%)

Learner:

8NC 5.01 Proficiency: 53%

8NC 5.02 Write an equation of a linear relationship given: two points, the slope and one point on the line, or the slope and y-intercept.

Proficiency: 4/8 (50%)

Learner:

8NC 5.02 Proficiency: 50%

8NC 5.03 Solve problems using linear equations and inequalities; justify symbolically and graphically.

Proficiency: 3/7 (43%)

Learner:

8NC 5.03 Proficiency: 43%

8NC 5.04 Solve problems using the inverse relationships of addition and subtraction, multiplication and division, squares and square roots, and cubes and cube roots.

Proficiency: 4/5 (80%)

Learner:

8NC 5.04 Proficiency: 80%

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Standard 5: Proficiency: 56%