

8th Grade

**Number, Number
Sense, Computation and
Estimation** 8M-NSCE 1

8M-NSCE 1

- a compose and decompose numbers to three digits. 8M-NSCE 1A

8M-NSCE 2

- a subtract fractions with like denominators (halves, thirds, fourths, and tenths) with minuends less than or equal to one. 8M-NSCE 2A

8M-NSCE 3

- a represent different forms and values of decimal numbers using fractions with numerators that are multiples of five and a denominator of 100. 8M-NSCE 3A

**Measurement and
Geometry** 8M-MG 1

8M-MG 1

- a compare measures of angles to a right angle (greater than, less than, or equal to). 8M-MG 1A

8M-MG 2. 8M-MG 2 8M-MG 2

- a identify volume of common measures (cups, pints, quarts, gallons, etc.). 8M-MG 2A

8M-MG 3. 8M-MG 3 8M-MG 3

- a identify similarity and congruence (same) in objects and shapes containing angles without transformations; 8M-MG 3A
- b identify similar shapes with and without rotation. 8M-MG 3B

**Probability, Statistics,
Patterns, Functions, and
Algebra**

8M-PSPFA 1. 8M-PSPFA 1 8M-PSPFA 1

- a determine the values or rule of a function using a graph or a table; 8M-PSPFA 1A
- b describe how a graph represents a relationship between two quantities. 8M-PSPFA 1B

8M-PSPFA 2. 8M-PSPFA 2 8M-PSPFA 2

- a solve algebraic equations using simple addition and subtraction. 8M-PSPFA 2A

8M-PSPFA 3. 8M-PSPFA 3 8M-PSPFA 3

- a graph a simple ratio by connecting the origin to a point representing the ratio in the form of y/x . For example, when given a ratio in standard form (2:1), convert to $2/1$, and plot the point (1,2). 8M-PSPFA 3A
-

8M-PSPFA 4. 8M-PSPFA 4 8M-PSPFA 4

- a identify the missing number, when given a function table. 8M-PSPFA 4A