**MATH STANDARDS: “I CAN STATEMENTS” STUDENT SUMMARY**

**5**

A PACIFIC UNION CONFERENCE CORRELATION OF NAD AND CCSS

Student Name:       School Year:

| **“I Can Statements”…**  **Common Core Standards in Kid-Friendly Language** | **Go Math**  **Correlation** | **Not Yet** | **Sort of** | **Got it!** |
| --- | --- | --- | --- | --- |
| **NUMBERS AND OPERATIONS (NAD) / NUMBER AND OPERATIONS IN BASE TEN (CCSS)** | | | | |
| I can read, write, and compare decimals to thousandths in standard form, expanded notation form, and using the number names in written form. ([NAD 5.NO.1](http://adventisteducation.org/downloads/pdf/Elementary%20Math%20Standards%20Numbers%20and%20Operations.pdf)) ([CCSS 5.NBT.3](http://www.corestandards.org/Math/Content/5/NBT/)) | 3.2, 3.3, 3.4 |  |  |  |
| I can use my understanding of place value to round decimals to any place. ([NAD 5.NO.1](http://adventisteducation.org/downloads/pdf/Elementary%20Math%20Standards%20Numbers%20and%20Operations.pdf)) ([CCSS 5.NBT.4](http://www.corestandards.org/Math/Content/5/NBT/)) | 3.2, 3.3, 3.4 |  |  |  |
| I can recognize that in a multi-digit number, a digit in one place is 10 times as much as it represents in the place to its right, and 1/10 of what it represents in the place to its left.  ([NAD 5.NO.2](http://adventisteducation.org/downloads/pdf/Elementary%20Math%20Standards%20Numbers%20and%20Operations.pdf)) ([CCSS 5.NBT.1](http://www.corestandards.org/Math/Content/5/NBT/)) | 1.1, 1.2, 1.4, 1.5, 3.1, 4.1, 4.3, 4.4, 4.7, 4.8, 5.1, 5.4, 5.6 |  |  |  |
| I know whole number place values.  ([NAD 5.NO.2](http://adventisteducation.org/downloads/pdf/Elementary%20Math%20Standards%20Numbers%20and%20Operations.pdf)) ([CCSS 5.NBT.1](http://www.corestandards.org/Math/Content/5/NBT/)) | 1.1, 1.2, 1.4, 1.5, 3.1, 4.1, 4.3, 4.4, 4.7, 4.8, 5.1, 5.4, 5.6 |  |  |  |
| I can explain the powers of 10.  ([NAD 5.NO.2](http://adventisteducation.org/downloads/pdf/Elementary%20Math%20Standards%20Numbers%20and%20Operations.pdf)) ([CCSS 5.NBT.1](http://www.corestandards.org/Math/Content/5/NBT/)) | 1.1, 1.2, 1.4, 1.5, 3.1, 4.1, 4.3, 4.4, 4.7, 4.8, 5.1, 5.4, 5.6 |  |  |  |
| I can explain patterns in amount of zeros there are in the answer when multiplying a number by the powers of 10 (10, 100, 1000, etc.). ([NAD 5.NO.2](http://adventisteducation.org/downloads/pdf/Elementary%20Math%20Standards%20Numbers%20and%20Operations.pdf)) ([CCSS 5.NBT.2](http://www.corestandards.org/Math/Content/5/NBT/)) | 1.1, 1.2, 1.4, 1.5, 3.1, 4.1, 4.3, 4.4, 4.7, 4.8, 5.1, 5.4, 5.6 |  |  |  |
| I can explain patterns in the placement of the decimal point when a decimal is multiplied or divided by a power of 10.  ([NAD 5.NO.2](http://adventisteducation.org/downloads/pdf/Elementary%20Math%20Standards%20Numbers%20and%20Operations.pdf)) ([CCSS 5.NBT.2](http://www.corestandards.org/Math/Content/5/NBT/)) | 1.1, 1.2, 1.4, 1.5, 3.1, 4.1, 4.3, 4.4, 4.7, 4.8, 5.1, 5.4, 5.6 |  |  |  |
| I can use whole-number exponents to represent a power of 10.  ([NAD 5.NO.2](http://adventisteducation.org/downloads/pdf/Elementary%20Math%20Standards%20Numbers%20and%20Operations.pdf)) ([CCSS 5.NBT.2](http://www.corestandards.org/Math/Content/5/NBT/)) | 1.1, 1.2, 1.4, 1.5, 3.1, 4.1, 4.3, 4.4, 4.7, 4.8, 5.1, 5.4, 5.6 |  |  |  |
| I can fluently multiply multi-digit whole numbers using the standard algorithm. ([NAD 5.NO.3](http://adventisteducation.org/downloads/pdf/Elementary%20Math%20Standards%20Numbers%20and%20Operations.pdf)) ([CCSS 5.NBT.5](http://www.corestandards.org/Math/Content/5/NBT/))  **\*\*\*REQUIRED FLUENCY\*\*\*** | 1.3, 1.6, 1.7, 1.8, 1.9, 2.1, 2.2, 2.3, 2.4, 2.5, 2.6, 2.8, 2.9, 3.5, 3.6, 3.7, 3.8, 3.9, 3.10, 3.11, 3.12, 4.2, 4.3, 4.4, 4.5, 4.6, 4.7, 4.8, 5.2, 5.3, 5.4, 5.5, 5.6, 5.7, 5.8 |  |  |  |
| I can divide four-digit dividends by two-digit divisors to find the quotient using strategies based on place value, property of operations, and/or the relationship between multiplication and division. I can explain my calculation using equations, arrays and/or area models. ([NAD 5.NO.3](http://adventisteducation.org/downloads/pdf/Elementary%20Math%20Standards%20Numbers%20and%20Operations.pdf)) ([CCSS 5.NBT.6](http://www.corestandards.org/Math/Content/5/NBT/)) | 1.3, 1.6, 1.7, 1.8, 1.9, 2.1, 2.2, 2.3, 2.4, 2.5, 2.6, 2.8, 2.9, 3.5, 3.6, 3.7, 3.8, 3.9, 3.10, 3.11, 3.12, 4.2, 4.3, 4.4, 4.5, 4.6, 4.7, 4.8, 5.2, 5.3, 5.4, 5.5, 5.6, 5.7, 5.8 |  |  |  |
| I can add, subtract, multiply, and divide decimals to hundredths. I can use concrete models or drawings to illustrate and explain the method I used. ([NAD 5.NO.3](http://adventisteducation.org/downloads/pdf/Elementary%20Math%20Standards%20Numbers%20and%20Operations.pdf)) ([CCSS 5.NBT.7](http://www.corestandards.org/Math/Content/5/NBT/)) | 1.3, 1.6, 1.7, 1.8, 1.9, 2.1, 2.2, 2.3, 2.4, 2.5, 2.6, 2.8, 2.9, 3.5, 3.6, 3.7, 3.8, 3.9, 3.10, 3.11, 3.12, 4.2, 4.3, 4.4, 4.5, 4.6, 4.7, 4.8, 5.2, 5.3, 5.4, 5.5, 5.6, 5.7, 5.8 |  |  |  |
| **NUMBERS AND OPERATIONS (NAD) / NUMBER AND OPERATIONS – FRACTIONS (CCSS)** | | | | |
| I can add and subtract fractions with unlike denominators and mixed numbers. ([NAD 5.NO.4](http://adventisteducation.org/downloads/pdf/Elementary%20Math%20Standards%20Numbers%20and%20Operations.pdf)) ([CCSS 5.NF.1](http://www.corestandards.org/Math/Content/5/NF/)) | 2.7, 6.1, 6.2, 6.3, 6.4, 6.5, 6.6, 6.7, 6.8, 6.9, 6.10, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 7.10, 8.1, 8.2, 8.3, 8.4, 8.5 |  |  |  |
| I can solve word problems that involve fractions.  ([NAD 5.NO.4](http://adventisteducation.org/downloads/pdf/Elementary%20Math%20Standards%20Numbers%20and%20Operations.pdf)) ([CCSS 5.NF.2](http://www.corestandards.org/Math/Content/5/NF/)) | 2.7, 6.1, 6.2, 6.3, 6.4, 6.5, 6.6, 6.7, 6.8, 6.9, 6.10, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 7.10, 8.1, 8.2, 8.3, 8.4, 8.5 |  |  |  |
| I can understand that fractions are really the division of a numerator by the denominator. ([NAD 5.NO.4](http://adventisteducation.org/downloads/pdf/Elementary%20Math%20Standards%20Numbers%20and%20Operations.pdf)) ([CCSS 5.NF.3](http://www.corestandards.org/Math/Content/5/NF/)) | 2.7, 6.1, 6.2, 6.3, 6.4, 6.5, 6.6, 6.7, 6.8, 6.9, 6.10, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 7.10, 8.1, 8.2, 8.3, 8.4, 8.5 |  |  |  |
| I can solve word problems where I divide whole numbers to create an answer that is a mixed number. ([NAD 5.NO.4](http://adventisteducation.org/downloads/pdf/Elementary%20Math%20Standards%20Numbers%20and%20Operations.pdf)) ([CCSS 5.NF.3](http://www.corestandards.org/Math/Content/5/NF/)) | 2.7, 6.1, 6.2, 6.3, 6.4, 6.5, 6.6, 6.7, 6.8, 6.9, 6.10, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 7.10, 8.1, 8.2, 8.3, 8.4, 8.5 |  |  |  |
| I can multiply a fraction or whole number by a fraction.  ([NAD 5.NO.4](http://adventisteducation.org/downloads/pdf/Elementary%20Math%20Standards%20Numbers%20and%20Operations.pdf)) ([CCSS 5.NF.4](http://www.corestandards.org/Math/Content/5/NF/)) | 2.7, 6.1, 6.2, 6.3, 6.4, 6.5, 6.6, 6.7, 6.8, 6.9, 6.10, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 7.10, 8.1, 8.2, 8.3, 8.4, 8.5 |  |  |  |
| I can think of multiplication as the scaling of a number (similar to a scale on a map). ([CCSS 5.NF.5](http://www.corestandards.org/Math/Content/5/NF/)) |  |  |  |  |
| I can solve real world problems by multiplying fractions and mixed numbers. ([NAD 5.NO.4](http://adventisteducation.org/downloads/pdf/Elementary%20Math%20Standards%20Numbers%20and%20Operations.pdf)) ([CCSS 5.NF.6](http://www.corestandards.org/Math/Content/5/NF/)) | 2.7, 6.1, 6.2, 6.3, 6.4, 6.5, 6.6, 6.7, 6.8, 6.9, 6.10, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 7.10, 8.1, 8.2, 8.3, 8.4, 8.5 |  |  |  |
| I can divide fractions by whole numbers and whole numbers by fractions. ([NAD 5.NO.4](http://adventisteducation.org/downloads/pdf/Elementary%20Math%20Standards%20Numbers%20and%20Operations.pdf)) ([CCSS 5.NF.7](http://www.corestandards.org/Math/Content/5/NF/)) | 2.7, 6.1, 6.2, 6.3, 6.4, 6.5, 6.6, 6.7, 6.8, 6.9, 6.10, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 7.10, 8.1, 8.2, 8.3, 8.4, 8.5 |  |  |  |
| I can reduce fractions. ([NAD 5.NO.5](http://adventisteducation.org/downloads/pdf/Elementary%20Math%20Standards%20Numbers%20and%20Operations.pdf)) |  |  |  |  |
| **OPERATIONS AND ALGEBRAIC THINKING (NAD / CCSS)** | | | | |
| I can correctly use the order of operations to evaluate numerical expressions with like parentheses, brackets, and other mathematical symbols. ([NAD 5.OAT.1](http://adventisteducation.org/downloads/pdf/Elementary%20Math%20Standards%20Operations%20and%20Algebraic%20Thinking.pdf)) ([CCSS 5.OA.1](http://www.corestandards.org/Math/Content/5/OA/)) | 1.10, 1.11, 1.12 |  |  |  |
| I can write, record and interpret simple expressions without evaluating them. ([NAD 5.OAT.1](http://adventisteducation.org/downloads/pdf/Elementary%20Math%20Standards%20Operations%20and%20Algebraic%20Thinking.pdf)) ([CCSS 5.OA.2](http://www.corestandards.org/Math/Content/5/OA/)) | 1.10, 1.11, 1.12 |  |  |  |
| I can write variable expressions.  ([NAD 5.OAT.1](http://adventisteducation.org/downloads/pdf/Elementary%20Math%20Standards%20Operations%20and%20Algebraic%20Thinking.pdf)) ([CCSS 5.OA.2](http://www.corestandards.org/Math/Content/5/OA/)) | 1.10, 1.11, 1.12 |  |  |  |
| I can write equations to represent story/word problems.  ([NAD 5.OAT.1](http://adventisteducation.org/downloads/pdf/Elementary%20Math%20Standards%20Operations%20and%20Algebraic%20Thinking.pdf)) ([CCSS 5.OA.2](http://www.corestandards.org/Math/Content/5/OA/)) | 1.10, 1.11, 1.12 |  |  |  |
| I can find the least common multiple (LCM) and greatest common factor (GCF) of two numbers. ([NAD 5.OAT.2](http://adventisteducation.org/downloads/pdf/Elementary%20Math%20Standards%20Operations%20and%20Algebraic%20Thinking.pdf)) |  |  |  |  |
| I can make a function table for a rule.  ([NAD 5.OAT.3](http://adventisteducation.org/downloads/pdf/Elementary%20Math%20Standards%20Operations%20and%20Algebraic%20Thinking.pdf)) ([CCSS 5.OA.3](http://www.corestandards.org/Math/Content/5/OA/)) | 9.5, 9.6, 9.7 |  |  |  |
| I can use a graph to create a function table.  ([NAD 5.OAT.3](http://adventisteducation.org/downloads/pdf/Elementary%20Math%20Standards%20Operations%20and%20Algebraic%20Thinking.pdf)) ([CCSS 5.OA.3](http://www.corestandards.org/Math/Content/5/OA/)) | 9.5, 9.6, 9.7 |  |  |  |
| I can graph a linear function/rule.  ([NAD 5.OAT.3](http://adventisteducation.org/downloads/pdf/Elementary%20Math%20Standards%20Operations%20and%20Algebraic%20Thinking.pdf)) ([CCSS 5.OA.3](http://www.corestandards.org/Math/Content/5/OA/)) | 9.5, 9.6, 9.7 |  |  |  |
| I can graph ordered pairs (whole numbers) and explain the graph.  ([NAD 5.OAT.3](http://adventisteducation.org/downloads/pdf/Elementary%20Math%20Standards%20Operations%20and%20Algebraic%20Thinking.pdf)) ([CCSS 5.OA.3](http://www.corestandards.org/Math/Content/5/OA/)) | 9.5, 9.6, 9.7 |  |  |  |
| **MEASUREMENT (NAD) / MEASUREMENT AND DATA (CCSS)** | | | | |
| I can convert measurements within the same measuring system.  ([NAD 5.M.1](http://adventisteducation.org/downloads/pdf/Elementary%20Math%20Standards%20Measurement.pdf)) ([CCSS 5.MD.1](http://www.corestandards.org/Math/Content/5/MD/)) | 10.1, 1.02, 10.3, 10.4, 10.5, 10.6, 10.7 |  |  |  |
| I can understand and explain what volume is.  ([NAD 5.M.2](http://adventisteducation.org/downloads/pdf/Elementary%20Math%20Standards%20Measurement.pdf)) ([CCSS 5.MD.3](http://www.corestandards.org/Math/Content/5/MD/)) | 11.5, 11.6, 11.7, 11.8, 11.9, 11.10, 11.11, 11.12 |  |  |  |
| I can measure volume by counting unit cubes.  ([NAD 5.M.2](http://adventisteducation.org/downloads/pdf/Elementary%20Math%20Standards%20Measurement.pdf)) ([CCSS 5.MD.4](http://www.corestandards.org/Math/Content/5/MD/)) | 11.5, 11.6, 11.7, 11.8, 11.9, 11.10, 11.11, 11.12 |  |  |  |
| I can solve real world problems involving volume.  ([NAD 5.M.2](http://adventisteducation.org/downloads/pdf/Elementary%20Math%20Standards%20Measurement.pdf)) ([CCSS 5.MD.4](http://www.corestandards.org/Math/Content/5/MD/)) | 11.5, 11.6, 11.7, 11.8, 11.9, 11.10, 11.11, 11.12 |  |  |  |
| I can find the volume of an object using the formulas V = l x w x h and V = b x h. ([NAD 5.M.2](http://adventisteducation.org/downloads/pdf/Elementary%20Math%20Standards%20Measurement.pdf)) ([CCSS 5.MD.5](http://www.corestandards.org/Math/Content/5/MD/)) | 11.5, 11.6, 11.7, 11.8, 11.9, 11.10, 11.11, 11.12 |  |  |  |
| I can explain the difference between radius and diameter.  ([NAD 5.M.3](http://adventisteducation.org/downloads/pdf/Elementary%20Math%20Standards%20Measurement.pdf)) |  |  |  |  |
| **GEOMETRY (NAD / CCSS)** | | | | |
| I can create and identify the parts of a coordinate grid including perpendicular lines, the x- and y- axes and origin.  ([NAD 5.GEO.1](http://adventisteducation.org/downloads/pdf/Elementary%20Math%20Standards%20Geometry.pdf)) ([CCSS 5.G.1](http://www.corestandards.org/Math/Content/5/G/)) | 9.2, 9.3, 9.4 |  |  |  |
| I can create ordered pairs and plot coordinates (x, y) on a coordinate grid by starting at the origin (0, 0) and using the first number to travel along the x-axis and the second number to travel along the y-axis. ([NAD 5.GEO.1](http://adventisteducation.org/downloads/pdf/Elementary%20Math%20Standards%20Geometry.pdf)) ([CCSS 5.G.1](http://www.corestandards.org/Math/Content/5/G/)) | 9.2, 9.3, 9.4 |  |  |  |
| I can represent real-world and math problems by graphing points in Quadrant I (positive number coordinates) of a coordinate plane and interpret coordinate values of points. ([NAD 5.GEO.1](http://adventisteducation.org/downloads/pdf/Elementary%20Math%20Standards%20Geometry.pdf)) ([CCSS 5.G.2](http://www.corestandards.org/Math/Content/5/G/)) | 9.2, 9.3, 9.4 |  |  |  |
| I can understand why a shape fits into a category based on its properties and definitions. ([NAD 5.GEO.2](http://adventisteducation.org/downloads/pdf/Elementary%20Math%20Standards%20Geometry.pdf)) ([CCSS 5.G.3](http://www.corestandards.org/Math/Content/5/G/)) | 11.1, 11.2, 11.3, 11.4 |  |  |  |
| I can classify shapes based on properties.  ([NAD 5.GEO.2](http://adventisteducation.org/downloads/pdf/Elementary%20Math%20Standards%20Geometry.pdf)) ([CCSS 5.G.4](http://www.corestandards.org/Math/Content/5/G/)) | 11.1, 11.2, 11.3, 11.4 |  |  |  |
| **DATA ANALYSIS, STATISTICS, AND PROBABILITY (NAD) / MEASUREMENT AND DATA (CCSS)** | | | | |
| I can make a line plot to display data sets of measurement in fractions. ([NAD 5.DSP.1](http://adventisteducation.org/downloads/pdf/Elementary%20Math%20Standards%20Data%20Analysis%20Statistics%20and%20Probability.pdf)) ([CCSS 5.MD.2](http://www.corestandards.org/Math/Content/5/MD/)) | 9.1 |  |  |  |
| I can use fraction operations to solve problems involving a line plot.  ([NAD 5.DSP.1](http://adventisteducation.org/downloads/pdf/Elementary%20Math%20Standards%20Data%20Analysis%20Statistics%20and%20Probability.pdf)) ([CCSS 5.MD.2](http://www.corestandards.org/Math/Content/5/MD/)) | 9.1 |  |  |  |
| I can use basic operations to solve problems using a line plot to show fractions of a unit, such as halves, fourths and eighths.  ([NAD 5.DSP.1](http://adventisteducation.org/downloads/pdf/Elementary%20Math%20Standards%20Data%20Analysis%20Statistics%20and%20Probability.pdf)) ([CCSS 5.MD.2](http://www.corestandards.org/Math/Content/5/MD/)) | 9.1 |  |  |  |
| I can find the mean, median, mode and range of a set of numbers. ([NAD 5.DSP.2](http://adventisteducation.org/downloads/pdf/Elementary%20Math%20Standards%20Data%20Analysis%20Statistics%20and%20Probability.pdf)) |  |  |  |  |