

I Can Statements – Math Grade 4

Quarter 1	Quarter 2
<p><u>Multiplication and Division: Meaning of Facts (Topic 1)</u></p> <ul style="list-style-type: none"> I can find an unknown number by solving word problems using division. 4.NBT.5 I can find an unknown number by solving word problems using multiplication. 4.NBT.5 I can see and write relationships between multiplication facts. 4.NBT.5 I can interpret a multiplication equation as a comparison. 4.OA.1 I can find all factor pairs for a whole number 1-100. 4.OA.4 <p><u>Patterns (Topic 2)</u></p> <ul style="list-style-type: none"> I can identify a pattern and its rule. 4.OA.5 I can create a pattern from a given rule. 4.OA.5 I can explain the pattern as a result of the rule. 4.OA.5 I can extend a pattern. 4.OA.5 <p><u>Place Value, Addition & Subtraction (Topic 3)</u></p> <ul style="list-style-type: none"> I can identify place value of whole numbers up to the millions. 4.NBT.1 I can recognize that each place to the left is ten times larger in a multi-digit number. 4.NBT.1 I can read multi-digit whole numbers in different forms. (numerals, number names, and expanded form) 4.NBT.2 I can write multi-digit whole numbers in different forms. (numerals, number names, and expanded form) 4.NBT.2 I can compare two multi-digit numbers using symbols. 4.NBT.3 I can round multi-digit whole numbers. 4.NBT.4 <p><u>Addition & Subtraction (Topic 4)</u></p> <ul style="list-style-type: none"> I can add and subtract multi-digit numbers. 4.OA.3 I can solve multi-step word problems with whole numbers using the four operations. 4.OA.3 <p><u>Multiplication (Topic 5, 6, 7, 8)</u></p> <ul style="list-style-type: none"> I can multiply 4- X 1 digit whole numbers. 4.NBT.5 I can multiply 2- X 2 digit whole numbers. 4.NBT.5 I can create and explain a model to represent a multiplication problem. 4.NBT.5 I can determine the operation and the unknown variable when solving multi-step word problems. 4.OA.3 I can solve multi-step word problems with whole numbers using the four operations. 	<p><u>Division (Topic 9, 10)</u></p> <ul style="list-style-type: none"> I can solve division problems up to the thousands with a 1-digit divisor using multiple strategies. 4.NBT.6 I can illustrate and explain quotients (answers) and remainders by using equations, rectangular arrays, and/or area models. 4.NBT.6 I can solve multi-step word problems using division and deciding what to do with the remainder. 4.OA.3 I can solve multi-step word problems with whole numbers using the four operations. 4.OA.3 <p><u>Fractions (Topic 11, 12)</u></p> <ul style="list-style-type: none"> I can explain why fractions are equivalent by using a picture of the two fractions. 4.NF.1 I can make pictures to create equivalent fractions. 4.NF.1 I can create common denominators or numerators for two fractions. 4.NF.2 I can compare fractions to given benchmark fractions such as $\frac{1}{2}$. 4.NF.2 I can compare two fractions with different numerators and denominators. 4.NF.2 I can compare two fractions using symbols $>$, $<$, $=$ and prove my answer using visual models. 4.NF.2 I can understand that parts of a fraction belong to the same whole. 4.NF.3 I can decompose (break down) a fraction into more than one fraction with the same denominator. 4.NF.3 I can write an equation and prove by using a visual fraction model. 4.NF.3 I can create improper fractions equal to a mixed number. 4.NF.3 I can add and subtract mixed numbers with like denominators. 4.NF.3 I can add and subtract fractions with like denominators within a word problem. 4.NF.3 I can use a symbol for an unknown number when writing an equation. 4.OA.2 <p><u>Solving Measurement Problems (Topic 15)</u></p> <ul style="list-style-type: none"> I can identify a pattern and its rule. 4.OA.5 I can create a pattern from a given rule. 4.OA.5 I can explain the pattern as a result of the rule. 4.OA.5 I can extend a pattern. 4.OA.5

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Quarter 3	Quarter 4
<p><u>Fractions and Decimals (Topics 11, 12, 13)</u></p> <ul style="list-style-type: none"> I can multiply a fraction by a whole number. 4.NF.4 I can solve word problems by multiplying a fraction by a whole number using models and equations. 4.NF.4 I can find where a fraction lies between two whole numbers. 4.NF.4 I can show that fractions with a denominator of 10 and 100 are equivalent. 4.NF.5 I can add two fractions with denominators of 10 and 100. 4.NF.5 I can use decimals to represent fractions with denominators of 10 and 100. (Eg. $0.62 = 62/100$) 4.NF.6 I can compare two decimals to the hundredths and explain my answer by using a model. 4.NF.7 I can compare decimals to the hundredths by using symbols $<$, $>$, $=$. 4.NF.7 I can identify prime and composite numbers. 4.OA.4 I can identify multiples of numbers. 4.OA.4 I can find factor pairs for whole numbers. 4.OA.4 <p><u>Measurement (Topic 14)</u></p> <ul style="list-style-type: none"> I can understand different sizes of measurement within one system of unit. (length, capacity, time, weight) 4.MD.1 I can record equivalent measurements on a two column table. 4.MD.1 I can understand that there are smaller units that are equal to larger units within one system. (ex. $100\text{cm} = 1\text{m}$) 4.MD.1 I can solve measurement word problems using the four operations. 4.MD.2 I can solve measurement word problems by using diagrams. 4.MD.2 I can show measurement data on a line plot using fractions. 4.MD.4 I can use information from a line plot to solve addition and subtraction fraction problems. 4.MD.4 <p><u>Solving Measurement Problems (Topic 15)</u></p> <ul style="list-style-type: none"> I can use a given formula to find area of rectangles. 4.MD.3 I can use a given formula to find perimeter of rectangles. 4.MD.3 I can use the area formula to find the unknown factor. 4.MD.3 I can use the perimeter formula to find the unknown measurement. 4.MD.3 	<p><u>Geometry (Topic 16)</u></p> <ul style="list-style-type: none"> I can draw and identify points, lines, line segments, and rays in two dimensional figures. 4.G.1 I can draw and identify perpendicular and parallel sides in two dimensional figures. 4.G.1 I can draw and identify right, acute, and obtuse angles in two dimensional figures. 4.G.1 I can classify (sort) two dimensional figures based on parallel and perpendicular sides. 4.G.2 I can classify two dimensional figures based on sizes of angles. 4.G.2 I can recognize and identify right triangles. 4.G.2 I can draw and identify a line of symmetry on a two dimensional figure. 4.G.3 I can recognize a figure is divided into equal parts by its line(s) of symmetry. 4.G.3 I can recognize an angle as two rays with a common end point. 4.MD.5 I can recognize that geometric shapes contain angles. 4.MD.5 I can understand that an angle is a part of a 360 degree circle. 4.MD.5 I can understand that angles can be measured by degrees. 4.MD.5 I can use a protractor to measure angles. 4.MD.6 I can sketch (draw) angles of a given measure. 4.MD.6 I can add decomposed (broken down) parts of an angle to find the sum of the whole angle. 4.MD.7 I can find the missing angle measurement using addition or subtraction. 4.MD.5 I can decide if my answer makes sense by comparing my estimate to the exact answer. 4.NBT.3