

TN-Grade 5-crosswalk

CCSS Standards	Relevancy	TN Standards Text	Aligned Lessons
5.MD.C.3	exact match of	5.MD.C.3 Recognize volume as an attribute of solid figures and understand concepts of volume measurement	5.1.1, 5.1.2, 5.4.9, 5.8.18
5.MD.C.3.b	exact match of	5.MD.C.3.b Understand that a solid figure which can be packed without gaps or overlaps using "n" unit cubes is	5.1.2
5.MD.C.4	exact match of	5.MD.C.4 Measure volume by counting unit cubes, using cubic centimeters, cubic inches, cubic feet, and imp	5.1.2, 5.1.3, 5.1.7
5.MD.C.5.a	exact match of	5.MD.C.5.a Find the volume of a right rectangular prism with whole-number side lengths by packing it with unit	5.1.4, 5.1.6
5.OA.A.2	exact match of	5.OA.A.2 Write simple expressions that record calculations with numbers and interpret numerical expressions	5.1.4, 5.1.6, 5.1.9, 5.1.10, 5.2.6, 5.2.8, 5.4.3, 5.4.11, 5.4.17, 5.5.17, 5.5.23, 5.7.12
5.MD.C.5.b	is related to	5.MD.C.5.b Know and apply the formulas $V = l \times w \times h$ and $V = B \times h$ (where B represents the area of the base)	5.1.5, 5.1.6
5.OA.A.1	is related to	5.OA.A.1 Use parentheses and/or brackets in numerical expressions and evaluate expressions having these	5.1.6, 5.1.10, 5.2.13, 5.5.18
5.MD.C.5.c	exact match of	5.MD.C.5.c Recognize volume as additive. Find volumes of solid figures composed of two non-overlapping right	5.1.8, 5.1.9, 5.1.10
5.MD.C.5	is related to	5.MD.C.5 Relate volume to the operations of multiplication and addition and solve real-world and mathematica	5.1.10, 5.1.11, 5.1.12, 5.4.9, 5.4.16, 5.4.20, 5.4.21, 5.8.6, 5.8.7, 5.8.8, 5.8.9
5.MD.C	exact match of	5.MD.C Geometric measurement: understand concepts of volume and relate volume to multiplication and to	5.1.11, 5.8.6
5.NF.B.3	is related to	5.NF.B.3 Interpret a fraction as division of the numerator by the denominator ($a/b = a \div b$). *For example, $3/4 =$	5.2.1, 5.2.2, 5.2.3, 5.2.4, 5.2.5, 5.2.6, 5.2.7, 5.2.10, 5.2.11, 5.2.15, 5.4.16, 5.8.14
5.NF.B.4.a	is related to	5.NF.B.4.a Interpret the product $ab \times q$ as $a \times (q \div b)$ (partition the quantity q into b equal parts and then multipl	5.2.7, 5.2.8, 5.2.10, 5.2.15, 5.3.1, 5.3.2, 5.3.3, 5.3.4, 5.3.7, 5.3.8
5.NF.B	exact match of	5.NF.B Apply and extend previous understandings of multiplication and division to multiply and divide fracti	5.2.8, 5.2.14, 5.3.18
5.NF.B.4	is related to	5.NF.B.4 Apply and extend previous understandings of multiplication to multiply a fraction by a whole number	5.2.8, 5.2.12, 5.2.13, 5.2.14, 5.2.15, 5.2.16, 5.2.17, 5.3.6, 5.3.7, 5.3.17, 5.3.18, 5.3.19, 5.4.8, 5.5.20, 5.6.15, 5.6.21, 5.8.13
5.NF.B.4.b	exact match of	5.NF.B.4.b Find the area of a rectangle with fractional side lengths by tiling it with unit squares of the appropriat	5.2.9, 5.2.10, 5.2.11, 5.2.12, 5.2.13, 5.2.15, 5.2.16, 5.3.5, 5.3.6
5.OA.A	exact match of	5.OA.A Write and interpret numerical expressions.	5.2.13, 5.5.3, 5.5.19, 5.6.20
5.NF.B.6	exact match of	5.NF.B.6 Solve real-world problems involving multiplication of fractions and mixed numbers by using visual fr	5.3.8, 5.3.9, 5.3.17, 5.3.18, 5.3.19
5.NF.B.7.a	exact match of	5.NF.B.7.a Interpret division of a unit fraction by a non-zero whole number and compute such quotients. *For ex	5.3.11, 5.3.12
5.NF.B.7.b	exact match of	5.NF.B.7.b Interpret division of a whole number by a unit fraction and compute such quotients. *For example, us	5.3.12, 5.3.13, 5.3.14, 5.3.16, 5.3.20
5.NF.B.7	exact match of	5.NF.B.7 Apply and extend previous understandings of division to divide unit fractions by whole numbers and	5.3.15, 5.3.16, 5.3.17, 5.3.18, 5.3.19
5.NF.B.7.c	exact match of	5.NF.B.7.c Solve real-world problems involving division of unit fractions by non-zero whole numbers and divisio	5.3.15, 5.3.19
5.NBT.B	exact match of	5.NBT.B Perform operations with multi-digit whole numbers and with decimals to hundredths.	5.4.2, 5.4.18
5.NBT.B.5	is related to	5.NBT.B.5 Fluently multiply multi-digit whole numbers (up to three-digit by four-digit factors) using appropriate	5.4.4, 5.4.5, 5.4.6, 5.4.7, 5.4.8, 5.4.9, 5.4.15, 5.4.19, 5.4.20, 5.4.21, 5.8.1, 5.8.2, 5.8.3, 5.8.7, 5.8.8, 5.8.15
5.NBT.B.6	is related to	5.NBT.B.6 Find whole-number quotients and remainders of whole numbers with up to four-digit dividends and	5.4.11, 5.4.12, 5.4.13, 5.4.14, 5.4.15, 5.4.16, 5.4.20, 5.4.21, 5.8.4, 5.8.5, 5.8.8, 5.8.16
5.NBT.A	exact match of	5.NBT.A Understand the place value system.	5.5.1, 5.5.2, 5.5.6, 5.6.1
5.NBT.A.1	exact match of	5.NBT.A.1 Recognize that in a multi-digit number, a digit in one place represents 10 times as much as it repre	5.5.1, 5.5.3, 5.5.4, 5.5.21, 5.6.1, 5.6.2, 5.6.5, 5.6.6
5.NBT.A.3	is related to	5.NBT.A.3 Read and write decimals to thousandths using standard form, word form, and expanded form (e.g.,	5.5.2, 5.5.4, 5.5.5, 5.5.7, 5.5.10, 5.5.26
5.NBT.A.3.a	is related to	5.NBT.A.3 Read and write decimals to thousandths using standard form, word form, and expanded form (e.g.,	5.5.3, 5.5.4
5.NBT.A.3.b	is related to	5.NBT.A.3 Read and write decimals to thousandths using standard form, word form, and expanded form (e.g.,	5.5.5, 5.5.6, 5.5.8, 5.5.9
5.NBT.A.4	is related to	5.NBT.A.4 Round decimals to the nearest hundredth, tenth, or whole number using understanding of place val	5.5.7, 5.5.8, 5.5.10
5.NBT.B.7	is related to	5.NBT.B.7 Add, subtract, multiply, and divide decimals to hundredths, using concrete models or drawings and	5.5.11, 5.5.12, 5.5.13, 5.5.14, 5.5.15, 5.5.16, 5.5.17, 5.5.18, 5.5.19, 5.5.20, 5.5.21, 5.5.22, 5.5.23, 5.5.24, 5.5.25, 5.5.26, 5.7.13, 5.8.12
5.NBT.A.2	exact match of	5.NBT.A.2 Explain patterns in the number of zeros of the product when multiplying a number by powers of 10,	5.6.2, 5.6.3, 5.6.4, 5.6.6
5.MD.A.1	is related to	5.MD.A.1 Convert customary and metric measurement units within a single system by expressing measureme	5.6.3, 5.6.4, 5.6.5, 5.6.6, 5.6.7
5.NF.A.1	exact match of	5.NF.A.1 Add and subtract fractions with unlike denominators (including mixed numbers) by replacing given	5.6.8, 5.6.9, 5.6.10, 5.6.11, 5.6.12, 5.6.13, 5.6.14, 5.8.10, 5.8.11, 5.8.17
5.NF.A.2	is related to	5.NF.A.2 Solve contextual problems involving addition and subtraction of fractions referring to the same whole	5.6.9, 5.6.11, 5.6.12, 5.6.15, 5.6.21
5.MD.B.2	exact match of	5.MD.B.2 Make a line plot to display a data set of measurements in fractions of a unit ($1/2, 1/4, 1/8$). Use open	5.6.14, 5.6.15, 5.6.21
5.NF.B.5.a	exact match of	5.NF.B.5.a Compare the size of a product to the size of one factor on the basis of the size of the other factor, wit	5.6.16, 5.6.17, 5.6.18
5.NF.B.5.b	exact match of	5.NF.B.5.b Explain why multiplying a given number by a fraction greater than 1 results in a product greater than	5.6.17, 5.6.19, 5.6.20
5.NF.B.5	exact match of	5.NF.B.5 Interpret multiplication as scaling (resizing).	5.6.20
5.G.A.1	is related to	5.G.A.1 Graph ordered pairs and label points using the first quadrant of the coordinate plane. Understand in	5.7.1, 5.7.2, 5.7.3
5.G.B.3	is related to	5.G.B.3 Classify two-dimensional figures in a hierarchy based on properties. Understand that attributes belo	5.7.4, 5.7.6, 5.7.7, 5.7.8, 5.8.4
5.G.B.4	is related to	5.G.B.3 Classify two-dimensional figures in a hierarchy based on properties. Understand that attributes belo	5.7.4, 5.7.5, 5.7.6, 5.7.7, 5.7.8, 5.8.4
5.G.B	exact match of	5.G.B Classify two-dimensional figures into categories based on their properties.	5.7.8
5.OA.B.3	is related to	5.OA.B.3 Generate two numerical patterns using two given rules. *For example, given the rule "Add 3" and the	5.7.9, 5.7.10, 5.7.11, 5.7.13
5.OA.B.3	is related to	5.OA.B.3.a Identify relationships between corresponding terms in two numerical patterns. *For example, observ	5.7.9, 5.7.10, 5.7.11, 5.7.13
5.OA.B.3	is related to	5.OA.B.3.b Form ordered pairs consisting of corresponding terms from two numerical patterns and graph the or	5.7.9, 5.7.10, 5.7.11, 5.7.13
5.G.A.2	exact match of	5.G.A.2 Represent real-world and mathematical problems by graphing points in the first quadrant of the coord	5.7.12, 5.7.13