

# Simple Solutions

## Common Core Mathematics 5 Topic Guide

<b><u>Topic</u></b>	<b><u>Lesson #</u></b>	<b><u>CCSS</u></b>
Convert Measurement Units Within a Given Measurement System .....	1	5.MD.1
Generate Two Numerical Patterns Using Two Given Rules / Form Ordered Pairs.....	1	5.OA.3
Recognize a Digit in One Place Represents 10 Times as much as the Place to the Right and $\frac{1}{10}$ of the Place to the Left.....	1	5.NBT.1
Fluently Multiply Whole Numbers.....	1	5.NBT.5
Attributes of Two-Dimensional Figures Belonging to a Category Also Belong to all Subcategories of That Category.....	2	5.G.3
Make a Line Plot to Display a Data Set of Measurements in Fractions of a Unit .....	3	5.MD.2
Use Parentheses, Brackets, or Braces in Numerical Expressions, and Evaluate Expressions .....	6	5.OA.1
Classify Two-Dimensional Figures into Categories Based on Properties.....	7	5.G.4
Explain Patterns in the Number of Zeros of the Product When Multiplying by Powers of 10.....	11	5.NBT.2
Read/Write Decimals to Thousandths using Base-Ten Numerals, Number Names and Expanded Form .....	13	5.NBT.3
Compare Two Decimals to Thousandths Using $<$ , $>$ , $=$ .....	14	5.NBT.3
Write Simple Expressions that Record Calculations with Numbers, and Interpret Numerical Expressions Without Evaluating Them.....	17	5.OA.2
Add and Subtract Fractions with Unlike Denominators .....	20	5.NF.1
Round Decimals to Any Place .....	21	5.NBT.4
Add, Subtract, Multiply, or Divide Decimals to Hundredths .....	29	5.NBT.7
Find Whole Number Quotients with up to Four-Digit Dividends and Two-Digit Divisors .....	37	5.NBT.6
Graph Points on a Coordinate Plane .....	55	5.G.1

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Solve Word Problems Involving Addition / Subtraction of Fractions .....	57	5.NF.2
Interpret a Fraction as Division of the Numerator by the Denominator.....	63	5.NF.3
Solve Word Problems Involving Division of Whole Numbers Leading to Answers in the Form of Fractions or Mixed Numbers .....	65	5.NF.3
Multiply a Fraction by a Whole Number or by a Fraction.....	68	5.NF.4
Solve Problems by Graphing Points in the First Quadrant of the Coordinate Plane.....	73	5.G.2
Compare the Size of a Product to the Size of One Factor on the Basis of the Size of the Other Factor .....	75	5.NF.5
Solve Real World Problems Involving Multiplication of Fractions and Mixed Numbers.....	79	5.NF.6
Understand Concepts of Volume.....	81	5.MD.3
Find the Area of a Rectangle with Fractional Side Lengths .....	83	5.NF.4
Measure Volume by Counting Unit Cubes .....	84	5.MD.4
Interpret Division of a Unit Fraction by a Non-Zero Whole Number.....	90	5.NF.7
Interpret Division of a Whole Number by a Unit Fraction .....	94	5.NF.7
Find the Volume of Rectangular Prisms by Applying the Formula .....	95	5.MD.5
Solve Real World Mathematical Problems Involving Volume .....	109	5.MD.5
Solve Real World Mathematical Problems Involving Division of Unit Fractions by Non-Zero Whole Numbers and Whole Numbers by Unit Fractions.....	111	5.NF.7
Recognize Volume as Additive .....	eSources	5.MD.5
Find Volume of Right Rectangular Prisms by Packing with Unit Cubes .....	eSources	5.MD.5