

# Simple Solutions

## Standards-Based Mathematics 3

### Topic Guide

<u>Topic</u>	<u>Lesson #</u>	<u>Standard</u>
Solve Two-Step Word Problems .....	1	3.OA.8
Fluently Add and Subtract Within 1,000.....	1	3.NBT.2
Shapes in Different Categories May Share Attributes .....	2	3.G.1
Round Whole Numbers to the Nearest Ten.....	4	3.NBT.1
Partition Shapes into Equal Parts.....	6	3.G.2
Tell and Write Time to the Nearest Minute.....	6	3.MD.1
Understand a fraction $\frac{1}{b}$ as 1 part of a whole partitioned into $b$ equal parts .....	9	3.NF.1
Measure Time Intervals .....	10	3.MD.1
Arithmetic Patterns (Addition Table).....	12	3.OA.9
Fluently multiply within 100 (Facts Introduced Systematically).....	18	3.OA.7
Products of Whole Numbers Using Objects in Groups .....	21	3.OA.1
Represent a fraction $\frac{1}{b}$ on a Number Line between 0 and 1 .....	25	3.NF.2
Measure and Estimate Liquid Volumes and Masses of Objects .....	27	3.MD.2
Solve One-Step Word Problems Involving Masses or Volumes .....	29	3.MD.2
Use Multiplication to Solve Word Problems .....	29	3.OA.3
Commutative Property of Multiplication.....	36	3.OA.5
Round Whole Numbers to the Nearest 100 .....	37	3.NBT.1
Associative Property of Multiplication.....	46	3.OA.5
Unit Squares.....	47	3.MD.5
Cover Area Without Gaps or Overlaps .....	48	3.MD.5

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<u>Topic</u>	<u>Lesson #</u>	<u>Standard</u>
Arithmetic Patterns (Multiplication Table) .....	49	3.OA.9
Measure Areas by Counting Square Units .....	50	3.MD.6
Determine the Unknown Number in a Multiplication Equation .....	51	3.OA.4
Distributive Property .....	57	3.OA.5
Multiply Side Lengths to Find Area of Rectangles.....	66	3.MD.7
Multiply One-Digit Whole Numbers by Multiples of Ten.....	73	3.NBT.3
Fluently Divide within 100 (Facts Introduced Systematically).....	73	3.OA.7
Division as an Unknown Factor Problem .....	74	3.OA.6
Interpret Whole-Number Quotients of Whole Numbers.....	74	3.OA.2
Use Division to Solve Word Problems .....	77	3.OA.3
Rounding Rules (Nearest 10 or 100) .....	77	3.NBT.1
Understand Two Fractions as Equivalent.....	81	3.NF.3
Recognize and Generate Simple Equivalent Fractions .....	87	3.NF.3
Find Perimeter, Area, and Unknown Side Lengths.....	91	3.MD.8
Draw Scaled Picture Graphs and Bar Graphs .....	97	3.MD.3
Generate Measurement Data ( $\frac{1}{4}$ , $\frac{1}{2}$ ) for Line Plots; Display on Line Plots .....	101	3.MD.4
Express Whole Numbers as Fractions .....	113	3.NF.3
Compare Two Fractions with the Same Numerator or Denominator by Reasoning About Their Size .....	121	3.NF.3