

Dimensions Math 4A							
Chapter	Chapter Name	Lesson	Lesson Name	CCSS			
1	Numbers to One Million	1	Numbers to 100,000	4.NBT.2	4.NBT.1		
		2	Numbers to 1,000,000	4.NBT.2	4.NBT.1		
		3	Number Patterns	4.OA.5			
		4	Comparing and Ordering Numbers	4.NBT.2			
		5	Rounding 5-Digit Numbers	4.NBT.3			
		6	Rounding 6-Digit Numbers	4.NBT.3			
		7	Calculations and Place Value	4.NBT.5	4.NBT.6		
2	Addition and Subtraction	1	Addition	4.NBT.4	4.OA.3	4.NBT.3	
		2	Subtraction	4.NBT.4	4.OA.3	4.NBT.3	
		3	Other Ways to Add and Subtract — Part 1	4.NBT.4	4.OA.3		
		4	Other Ways to Add and Subtract — Part 2	4.NBT.4	4.OA.3	4.OA.5	
		5	Word Problems	4.OA.3			
3	Multiples and Factors	1	Multiples	4.OA.4			
		2	Common Multiples	6.NS.4			
		3	Factors	4.OA.4			
		4	Prime Numbers and Composite Numbers	4.OA.4			
		5	Common Factors	6.NS.4	4.OA.3		
4	Multiplication	1	Mental Math for Multiplication	4.NBT.5	4.OA.1	4.OA.2	4.OA.3
		2	Multiplying by a 1-Digit Number — Part 1	4.NBT.5	4.OA.1	4.OA.2	4.OA.3
		3	Multiplying by a 1-Digit Number — Part 2	4.NBT.5	4.OA.1	4.OA.2	4.OA.3
		5	Multiplying by a Multiple of 10	4.NBT.5	4.OA.3		
		6	Multiplying by a 2-Digit Number — Part 1	4.NBT.5	4.OA.1	4.OA.2	4.OA.3
		7	Multiplying by a 2-Digit Number — Part 2	4.NBT.5	4.OA.3	5.NBT.5	
5	Division	1	Mental Math for Division	4.NBT.6	4.OA.3	4.OA.2	
		2	Estimation and Division	4.NBT.6	4.NBT.3	4.OA.3	
		3	Dividing 4-Digit Numbers	4.NBT.6	4.NBT.3	4.OA.3	
		5	Word Problems	4.OA.3	4.OA.2		
		6	Challenging Word Problems	4.OA.3	4.OA.1	4.OA.2	
6	Fractions	1	Equivalent Fractions	4.NF.1	4.OA.1	4.OA.4	
		2	Comparing and Ordering Fractions	4.NF.2	4.NF.1	4.OA.4	
		3	Improper Fractions and Mixed Numbers	4.NF.3B	4.NF.3C		
		5	Expressing an improper Fraction as a Mixed Number	4.NF.3B	4.NF.3C		
		6	Expressing a Mixed Number as an Improper Fraction	4.NF.3B	4.NF.3C		
		7	Fractions and Division	5.NF.3			
7	Adding and Subtracting Fractions	1	Adding and Subtracting Fractions — Part 1	4.NF.3A	4.NF.3	4.NF.3D	
		2	Adding and Subtracting Fractions — Part 2	5.NF.1			
		3	Adding a Mixed Number and a Fraction	4.NF.3C	5.NF.1	4.NF.3D	
		4	Adding Mixed Numbers	4.NF.3C	5.NF.1	4.NF.3D	
		5	Subtracting a Fraction from a Mixed Number	4.NF.3C	5.NF.1	4.NF.3D	
		6	Subtracting Mixed Numbers	4.NF.3C	5.NF.1	4.NF.3D	

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8	Multiplying a Fraction and a Whole Number	1	Multiplying a Unit Fraction by a Whole Number	4.NF.4A	4.NF.4C		
		2	Multiplying a Fraction by a Whole Number — Part 1	4.NF.4B	4.NF.4C		
		3	Multiplying a Fraction by a Whole Number — Part 2	4.NF.4B	4.NF.4C		
		4	Fraction of a Set	5.NF.4			
		5	Multiplying a Whole Number by a Fraction — Part 1	5.NF.4			
		6	Multiplying a Whole Number by a Fraction — Part 2	5.NF.4			
		7	Word Problems — Part 1	4.NF.4C	5.NF.B6		
		8	Word Problems — Part 2	4.NF.4C	5.NF.B6		
9	Line Graphs and Line Plots	1	Line Graphs				
		2	Drawing Line Graphs				
		3	Line Plots	4.MD.4			

Dimensions Math 4B							
Chapter	Chapter Name	Lesson	Lesson Name	CCSS			
10	Measurement	1	Metric Units of Measurement	4.MD.A1	4.MD.A2		
		2	Customary Units of Length	4.MD.A1	4.MD.A2		
		3	Customary Units of Weight	4.MD.A1	4.MD.A2		
		4	Customary Units of Capacity	4.MD.A1	4.MD.A2		
		5	Units of Time	4.MD.A1	4.MD.A2		
		7	Fractions and Measurement Part 1	4.NF.4	4.MD.A1	4.MD.A2	
		8	Fractions and Measurement Part 2	4.NF.4	4.MD.A1	4.MD.A2	
		11	Area and Perimeter	1	Area of Rectangles Part 1	4.MD.A3	4.MD.A1
2	Area of Rectangles Part 2			4.MD.A3	4.MD.A1	4.MD.A2	
3	Area of Composite Figures			4.MD.A3			
4	Perimeter Part 1			4.MD.A3			
5	Perimeter Part 2			4.MD.A3			
12	Decimals	1	Tenths - Part 1	4.NF.5	4.NF.6		
		2	Tenths - Part 2	4.NF.5	4.NF.6		
		3	Hundredths Part 1	4.NF.5	4.NF.6		
		4	Hundredths Part 2	4.NF.5	4.NF.6		
		5	Expressing Decimals as Fractions in Simplest Form	4.NF.6			
		6	Expressing Fractions as Decimals	4.NF.6			
		8	Comparing and Ordering Decimals	4.NF.7			
		9	Rounding decimals	5.NBT.4			
		13	Addition and Subtraction of Decimals	1	Adding and Subtracting Tenths	4.MD.2	5.NBT.7
2	Adding Tenths with Regrouping			4.MD.2	5.NBT.7		
3	Subtracting Tenths with Regrouping			4.MD.2	5.NBT.7		
5	Adding Hundredths			4.MD.2	5.NBT.7		
6	Subtracting from 1 and 0.1			4.MD.2	5.NBT.7		
7	Subtracting Hundredths			4.MD.2	5.NBT.7		
8	Money, Decimals and Fractions			4.MD.2			
9	Estimation						

Chapter	Chapter Name	Lesson	Lesson Name	CCSS		
14	Multiplication and Division of Decimals	1	Multiplying Tenths and Hundredths	5.NBT.5		
		2	Multiplying Decimals by a Whole Number - Part 1	5.NBT.5		
		3	Multiplying Decimals by a Whole Number - Part 2	5.NBT.5		
		5	Dividing Tenths and Hundredths	5.NBT.6		
		6	Dividing Decimals by a Whole Number - Part 1	5.NBT.6		
		7	Dividing Decimals by a Whole Number - Part 2	5.NBT.6		
		8	Dividing Decimals by a Whole Number - Part 3	5.NBT.6		
		15	Angles	1	The Size of Angles	4.MD.5
2	Measuring Angles			4.MD.6		
3	Drawing Angles			4.G.1		
4	Adding and Subtracting Angles			4.MD.7		
5	Reflex Angles			4.MD.6	4.MD.5	
16	Lines and Shapes	1	Perpendicular Lines	4.G.1	4.G.2	
		2	Parallel Lines	4.G.1	4.G.2	
		3	Drawing Perpendicular and Parallel Lines	4.G.1	4.G.2	
		4	Quadrilaterals	4.G.2		
		5	Lines of Symmetry	4.G.3		
		6	Symmetrical Figures and Patterns	4.G.3		
17	Properties of Cuboids	1	Cuboids			
		2	Nets of Cuboids	6.G.4		
		3	Faces and Edges of Cuboids	6.G.4		

Chapter 4 Lesson 6 - Dimensions Math does not include area models.

Chapter 11 Lesson 4 - Dimensions Math provides the formulas informally.

Chapter 16 - Dimensions Math does not name rays and segments in the Textbook, however provides this information in the Teacher's Guides along with an optional class activity.

