

Northpoint Horizons

Math Elevations™ (Comprehensive Intervention System) Correlated to *Houghton Mifflin Math*

This document provides a sampling of the extensive math directives offered throughout the *Math Elevations* program that match those in *Houghton Mifflin Math*.

Houghton Mifflin Teacher's Edition Math (Grade 5) Lesson Examples	Math Elevations Teacher's Guide Level C (Grade 3) Prior Level Instruction Lesson Examples	Math Elevations Teacher's Guide Level D (Grade 4) Prior Level Instruction Lesson Examples	Math Elevations Teacher's Guide Level E (Grade 5) Lesson Examples
Chapter 1 – Lesson 1: <i>Place Value Through Hundred Thousands</i> pp. 4-5	Unit 1 – Lesson 1: <i>Four-Digit Numbers</i> pp. 18-19	Unit 1 – Lesson 1: <i>Large Numbers</i> pp. 18-19	Unit 1 – Lesson 1: <i>Whole Number Place Value</i> pp. 18-19
Chapter 1 – Lesson 3: <i>Place Value Through Hundred Billions</i> pp. 8-9	Unit 1 – Lesson 1: <i>Four-Digit Numbers</i> pp. 18-19 Unit 1 – Lesson 8: <i>Reading and Writing Numbers Through 999,999</i> pp. 32-33	Unit 1 – Lesson 1: <i>Large Numbers</i> pp. 18-19	Unit 1 – Lesson 1: <i>Whole Number Place Value</i> pp. 18-19
Chapter 1 – Lesson 4: <i>Compare, Order, and Round Whole Numbers</i> pp. 10-12	Unit 1 – Lesson 2: <i>Comparing and Ordering Numbers</i> pp. 20-21	Unit 1 – Lesson 2: <i>Comparing Numbers</i> pp. 20-21	Unit 1 – Lesson 3: <i>Working with Whole Numbers</i> pp. 22-23
Chapter 1 – Lesson 5: <i>Place Value Through Thousandths</i> pp. 14-15	Unit 4 – Lesson 1: <i>Tenths</i> pp. 72-73 Unit 4 – Lesson 2: <i>Hundredths</i> pp. 74-75	Unit 1 – Lesson 6: <i>Fractions as Decimals</i> pp. 28-29	Unit 1 – Lesson 2: <i>Place Value Through Thousandths</i> pp. 20-21
Chapter 1 – Lesson 7: <i>Compare, Order, and Round Decimals</i> pp. 20-22	Unit 4 – Lesson 1: <i>Tenths</i> pp. 72-73 Unit 4 – Lesson 2: <i>Hundredths</i> pp. 74-75	Unit 1 – Lesson 7: <i>Comparing and Rounding Decimals</i> pp. 30-31	Unit 1 – Lesson 4: <i>Working with Decimal Numbers</i> pp. 24-25
Chapter 2 – Lesson 1: <i>Expression and Addition Properties</i> pp. 28-30	Unit 2 – Lesson 2: <i>Adding Two-Digit Numbers</i> pp. 38-39 Unit 2 – Lesson 4: <i>Adding Three- and Four-Digit Numbers</i> pp. 42-43 Unit 2 – Lesson 5: <i>Regrouping Two-Digit Numbers for Subtraction</i> pp. 44-45	Unit 2 – Lesson 2: <i>Column Addition (I)</i> pp. 38-39 Unit 2 – Lesson 4: <i>Column Subtraction (I)</i> pp. 42-43 Unit 2 – Lesson 6: <i>Column Addition (II)</i> pp. 46-47 Unit 2 – Lesson 7: <i>Column</i>	Unit 2 – Lesson 1: <i>Addition and Subtraction of Whole Numbers</i> pp. 36-37

Houghton Mifflin Teacher's Edition Math (Grade 5) Lesson Examples	Math Elevations Teacher's Guide Level C (Grade 3) Prior Level Instruction Lesson Examples	Math Elevations Teacher's Guide Level D (Grade 4) Prior Level Instruction Lesson Examples	Math Elevations Teacher's Guide Level E (Grade 5) Lesson Examples
	Unit 2 – Lesson 6: <i>Subtraction of Three-and Four-Digit Numbers</i> pp. 46-47	<i>Subtraction (II)</i> pp. 48-49	
Chapter 2 – Lesson 1: <i>Expressions and Addition Properties</i> pp. 28-30			Unit 5 – Lesson 4: <i>Evaluating Expressions</i> pp. 96-97
Chapter 2 – Lesson 3: <i>Add and Subtract Whole Numbers</i> pp. 34-36	Unit 2 – Lesson 2: <i>Adding Two-Digit Numbers</i> pp. 38-39 Unit 2 – Lesson 4: <i>Adding Three-and Four-Digit Numbers</i> pp. 42-43 Unit 2 – Lesson 5: <i>Regrouping Two-Digit Numbers for Subtraction</i> pp. 44-45 Unit 2 – Lesson 6: <i>Subtraction of Three-and Four-Digit Numbers</i> pp. 46-47	Unit 2 – Lesson 2: <i>Column Addition (I)</i> pp. 38-39 Unit 2 – Lesson 4: <i>Column Subtraction (I)</i> pp. 42-43 Unit 2 – Lesson 6: <i>Column Addition (II)</i> pp. 46-47 Unit 2 – Lesson 7: <i>Column Subtraction (II)</i> pp. 48-49	Unit 2 – Lesson 1: <i>Addition and Subtraction of Whole Numbers</i> pp. 36-37
Chapter 2 – Lesson 5: <i>Addition and Subtraction Equations</i> pp. 40-41	Unit 2 – Lesson 2: <i>Adding Two-Digit Numbers</i> pp. 38-39 Unit 2 – Lesson 4: <i>Adding Three-and Four-Digit Numbers</i> pp. 42-43 Unit 2 – Lesson 5: <i>Regrouping Two-Digit Numbers for Subtraction</i> pp. 44-45 Unit 2 – Lesson 6: <i>Subtraction of Three-and Four-Digit Numbers</i> pp. 46-47 Unit 5 – Lesson 1: <i>Missing Addends and Subtrahends</i> pp. 90-91	Unit 2 – Lesson 2: <i>Column Addition (I)</i> pp. 38-39 Unit 2 – Lesson 4: <i>Column Subtraction (I)</i> pp. 42-43 Unit 2 – Lesson 6: <i>Column Addition (II)</i> pp. 46-47 Unit 2 – Lesson 7: <i>Column Subtraction (II)</i> pp. 48-49 Unit 5 – Lesson 2: <i>Solving Open Sentences (Addition and Subtraction)</i> pp. 92-93	Unit 2 – Lesson 1: <i>Addition and Subtraction of Whole Numbers</i> pp. 36-37
Chapter 2 – Lesson 5: <i>Addition and Subtraction Equations</i> pp. 40-41	Unit 5 – Lesson 1: <i>Missing Addends and Subtrahends</i> pp. 90-91	Unit 5 – Lesson 6: <i>Writing Simple Algebraic Equations</i> pp. 100-101	Unit 5 – Lesson 3: <i>Algebraic Expressions</i> pp. 94-95
Chapter 3 – Lesson 5: <i>Patterns in Multiples of 10</i> pp. 72-73		Unit 3 – Lesson 2: <i>Patterns of Calculations</i> pp. 56-57	Unit 2 – Lesson 3: <i>Multiplying by Multiples of 10, 100, and 1,000</i> pp. 40-41
Chapter 3 – Lesson 7: <i>Multiply by</i>		Unit 3 – Lesson 4: <i>Multiplication by</i>	Unit 2 – Lesson 4: <i>Multiplying by a</i>

Houghton Mifflin Teacher's Edition Math (Grade 5) Lesson Examples	Math Elevations Teacher's Guide Level C (Grade 3) Prior Level Instruction Lesson Examples	Math Elevations Teacher's Guide Level D (Grade 4) Prior Level Instruction Lesson Examples	Math Elevations Teacher's Guide Level E (Grade 5) Lesson Examples
<i>Two-Digit Numbers</i> pp. 76-78		<i>Two-Digit Numbers</i> pp. 60-61	<i>Two-Digit Factor</i> pp. 42-43
Chapter 4 – Lesson 1: <i>Estimate Quotients</i> pp. 86-87			Unit 2 – Lesson 6: <i>Estimating Quotients</i> pp. 46-47
Chapter 4 – Lesson 2: <i>One-Digit Divisors</i> pp. 88-89	Unit 3 – Lesson 6: <i>Division as Equal Grouping and Sharing Equally</i> pp. 64-65 Unit 3 – Lesson 7: <i>Dividing Using Inverse Operations</i> pp. 66-67	Unit 3 – Lesson 6: <i>Long Division (Two-Digit ÷ One-Digit Numbers)</i> pp. 64-65 Unit 3 – Lesson 7: <i>Long Division (Three-Digit ÷ One-Digit Numbers)</i> pp. 66-67	Unit 1 – Lesson 6: <i>Divisibility</i> pp. 28-29
Chapter 4 – Lesson 2: <i>One-Digit Divisor</i> pp. 88-89		Unit 3 – Lesson 5: <i>Division with Remainders</i> pp. 62-63	Unit 2 – Lesson 8: <i>Interpreting Remainders</i> pp. 50-51
Chapter 4 – Lesson 5: <i>Zeros in the Quotient</i> pp. 96-97		Unit 3 – Lesson 5: <i>Division with Remainders</i> pp. 62-63	Unit 2 – Lesson 8: <i>Interpreting Remainders</i> pp. 50-51
Chapter 5 – Lesson 5: <i>Order of Operations</i> pp. 124-126		Unit 5 – Lesson 1: <i>Order of Operations</i> pp. 90-91	Unit 5 – Lesson 1: <i>Order of Operations</i> pp. 90-91
Chapter 5 – Lesson 5: <i>Divide With Greater Numbers</i> pp. 120-122	Unit 3 – Lesson 6: <i>Division as Equal Grouping and Sharing Equally</i> pp. 64-65 Unit 3 – Lesson 7: <i>Dividing Using Inverse Operations</i> pp. 66-67 Unit 3 – Lesson 8: <i>Multiplication and Division Word Problems</i> pp. 68-69	Unit 3 – Lesson 6: <i>Long Division (Two-Digit ÷ One-Digit Numbers)</i> pp. 64-65 Unit 3 – Lesson 7: <i>Long Division (Three-Digit ÷ One-Digit Numbers)</i> pp. 66-67	Unit 2 – Lesson 7: <i>Long Division</i> pp. 48-49
Chapter 6 – Lesson 2: <i>Customary Units of Length</i> pp. 150-151	Unit 7 – Lesson 2: <i>Length (Customary Units)</i> pp. 128-129	Unit 6 – Lesson 8: <i>Appropriate Units</i> pp. 122-123	Unit 6 – Lesson 8: <i>Converting Within the Customary System</i> pp. 122-123
Chapter 6 – Lesson 3: <i>Customary Units of Weight and Capacity</i> pp. 152-154	Unit 7 – Lesson 7: <i>Capacity</i> pp. 138-139	Unit 6 – Lesson 6: <i>Capacity Conversions</i> pp. 118-119	Unit 6 – Lesson 8: <i>Converting Within the Customary System</i> pp. 122-123
Chapter 6 – Lesson 4: <i>Metric Units of Length</i> pp. 156-159	Unit 7 – Lesson 3: <i>Length (Metric)</i> pp. 130-131	Unit 6 – Lesson 4: <i>Metric Measurement</i> pp. 114-115	Unit 6 – Lesson 7: <i>Converting Within the Metric System</i> pp. 120-121
Chapter 6 – Lesson 5: <i>Metric Units of Mass and Capacity</i> pp. 160-162		Unit 6 – Lesson 6: <i>Capacity Conversions</i> pp. 118-119	Unit 6 – Lesson 7: <i>Converting Within the Metric System</i> pp. 120-121
Chapter 7 – Lesson 1: <i>Double Bar</i>	Unit 8 – Lesson 4: <i>Simple Bar</i>	Unit 8 – Lesson 4: <i>Bar Graphs</i> pp.	Unit 8 – Lesson 6: <i>Bar Graphs</i> pp.

Houghton Mifflin Teacher's Edition Math (Grade 5) Lesson Examples	Math Elevations Teacher's Guide Level C (Grade 3) Prior Level Instruction Lesson Examples	Math Elevations Teacher's Guide Level D (Grade 4) Prior Level Instruction Lesson Examples	Math Elevations Teacher's Guide Level E (Grade 5) Lesson Examples
<i>Graphs</i> pp. 172-175	<i>Graphs</i> pp. 150-151	150-151	154-155
Chapter 7 – Lesson 3: <i>Line and Double Line Graphs</i> pp. 178-180		Unit 8 – Lesson 5: <i>Line Graphs</i> pp. 152-153	Unit 8 – Lesson 7: <i>Line Graphs</i> pp. 156-157
Chapter 7 – Lesson 4: <i>Choose an Appropriate Graph</i> pp. 182-183	Unit 8 – Lesson 5: <i>Bar Graphs with a Scale</i> pp. 152-153	Unit 8 – Lesson 4: <i>Bar Graphs</i> pp. 150-151	Unit 8 – Lesson 6: <i>Bar Graphs</i> pp. 154-155
Chapter 7 – Lesson 4: <i>Choose an Appropriate Graph</i> pp. 182-183			Unit 8 – Lesson 8: <i>Circle Graphs</i> pp. 158-159
Chapter 8 – Lesson 2: <i>Mean, Median, Mode, and Range</i> pp. 194-196		Unit 8 – Lesson 2: <i>Mode and Mean</i> pp. 146-147	Unit 8 – Lesson 4: <i>Mode, Median, and Range</i> pp. 150-151 Unit 8 – Lesson 5: <i>The Mean</i> pp. 152-153
Chapter 8 – Lesson 5: <i>Draw Conclusions and Make Predictions</i> pp. 204-206	Unit 8 – Lesson 6: <i>Likelihood</i> pp. 154-155 Unit 8 – Lesson 7: <i>Probability</i> pp. 156-157 Unit 8 – Lesson 8: <i>Fair and Unfair Games</i> pp. 158-159	Unit 8 – Lesson 7: <i>Predicting Possible Outcomes</i> pp. 156-157 Unit 8 – Lesson 8: <i>Probability</i> pp. 158-159	Unit 8 – Lesson 1: <i>Possible Outcomes</i> pp. 144-145
Chapter 9 – Lesson 1: <i>Prime and Composite Numbers</i> pp. 224-225			Unit 1 – Lesson 5: <i>Primes and Composites</i> pp. 26-27
Chapter 9 – Lesson 3: <i>Greatest Common Factor</i> pp. 228-230			Unit 1 – Lesson 7: <i>Greatest Common Factor</i> pp. 30-31
Chapter 9 – Lesson 4: <i>Least Common Multiple</i> pp. 232-235			Unit 1 – Lesson 8: <i>Least Common Multiple</i> pp. 32-33
Chapter 9 – Lesson 5: <i>Fractions and Mixed Numbers</i> pp. 236-238	Unit 1 – Lesson 5: <i>Fractions as Part of a Whole</i> pp. 26-27 Unit 1 – Lesson 6: <i>Fractions as Part of a Set</i> pp. 28-29	Unit 1 – Lesson 4: <i>Fractions as Part of a Whole</i> pp. 24-25 Unit 1 – Lesson 5: <i>Fractions of a Set</i> pp. 26-27	Unit 3 – Lesson 1: <i>Understanding Fractions</i> pp. 54-55
Chapter 9 – Lesson 6: <i>Equivalent Fractions and Simplest Form</i> pp. 240-241	Unit 1 – Lesson 7: <i>Comparing Fractions</i> pp. 30-31	Unit 4 – Lesson 2: <i>Equivalent Fractions</i> pp. 74-75	Unit 3 – Lesson 2: <i>Equivalent Fractions and Simplest Form</i> pp. 56-57
Chapter 9 – Lesson 6: <i>Equivalent Fractions and Simplest Form</i> pp. 240-	Unit 1 – Lesson 7: <i>Comparing Fractions</i> pp. 30-31	Unit 4 – Lesson 1: <i>Comparing and Ordering Fractions</i> pp. 72-73	Unit 3 – Lesson 5: <i>Comparing and Ordering Fractions</i> pp. 62-63

Houghton Mifflin Teacher's Edition Math (Grade 5) Lesson Examples	Math Elevations Teacher's Guide Level C (Grade 3) Prior Level Instruction Lesson Examples	Math Elevations Teacher's Guide Level D (Grade 4) Prior Level Instruction Lesson Examples	Math Elevations Teacher's Guide Level E (Grade 5) Lesson Examples
241		Unit 4 – Lesson 2: <i>Equivalent Fractions</i> pp. 74-75 Unit 4 – Lesson 3: <i>Converting Between Improper Fractions and Mixed Numbers</i> pp. 76-77 Unit 4 – Lesson 4: <i>Fractions and Mixed Numbers as Decimals</i> pp. 78-79	
Chapter 9 – Lesson 6: <i>Equivalent Fractions and Simplest Form</i> pp. 240-241	Unit 1 – Lesson 7: <i>Comparing Fractions</i> pp. 30-31	Unit 4 – Lesson 2: <i>Equivalent Fractions</i> pp. 74-75 Unit 4 – Lesson 3: <i>Converting Between Improper Fractions and Mixed Numbers</i> pp. 76-77 Unit 4 – Lesson 4: <i>Fractions and Mixed Numbers as Decimals</i> pp. 78-79	Unit 3 – Lesson 6: <i>Comparing Fractions Using the LCD</i> pp. 64-65
Chapter 9 – Lesson 8: <i>Relate Fractions, Mixed Numbers, and Decimals</i> pp. 246-247		Unit 4 – Lesson 3: <i>Converting Between Improper Fractions and Mixed Numbers</i> pp. 76-77 Unit 4 – Lesson 4: <i>Fractions and Mixed Numbers as Decimals</i> pp. 78-79	Unit 3 – Lesson 3: <i>Mixed Numbers and Improper Fractions</i> pp. 58-59
Chapter 9 – Lesson 8: <i>Relate Fractions, Mixed Numbers, and Decimals</i> pp. 246-247		Unit 4 – Lesson 4: <i>Fractions and Mixed Numbers as Decimals</i> pp. 78-79	Unit 3 – Lesson 4: <i>Relating Decimals and Fractions</i> pp. 60-61
Chapter 9 – Lesson 9: <i>Compare and Order Fractions and Decimals</i> pp. 248-250	Unit 1 – Lesson 7: <i>Comparing Fractions</i> pp. 30-31	Unit 4 – Lesson 4: <i>Fractions and Mixed Numbers as Decimals</i> pp. 78-79	Unit 3 – Lesson 7: <i>Converting Fractions to Decimals</i> pp. 66-67
Chapter 9 – Lesson 9: <i>Compare and Order Fractions and Decimals</i> pp. 248-250	Unit 1 – Lesson 7: <i>Comparing Fractions</i> pp. 30-31	Unit 1 – Lesson 6: <i>Fractions as Decimals</i> pp. 28-29 Unit 1 – Lesson 7: <i>Comparing and Rounding Decimals</i> pp. 30-31 Unit 4 – Lesson 4: <i>Fractions and</i>	Unit 3 – Lesson 8: <i>Comparing and Ordering Fractions and Decimals</i> pp. 68-69

Houghton Mifflin Teacher's Edition Math (Grade 5) Lesson Examples	Math Elevations Teacher's Guide Level C (Grade 3) Prior Level Instruction Lesson Examples	Math Elevations Teacher's Guide Level D (Grade 4) Prior Level Instruction Lesson Examples	Math Elevations Teacher's Guide Level E (Grade 5) Lesson Examples
		<i>Mixed Numbers as Decimals</i> pp. 78-79	
Chapter 10 – Lesson 2: <i>Add With Like Denominators</i> pp. 258-259		Unit 4 – Lesson 5: <i>Addition of Fractions with Like Denominators</i> pp. 80-81	Unit 4 – Lesson 1: <i>Addition and Subtraction of Fractions (Like Denominators)</i> pp. 72-73
Chapter 10 – Lesson 2: <i>Add With Like Denominators</i> pp. 258-259		Unit 4 – Lesson 7: <i>Addition and Subtraction of Mixed Numbers</i> pp. 84-85	Unit 4 – Lesson 2: <i>Addition and Subtraction of Mixed Numbers (Like Denominators)</i> pp. 74-75
Chapter 10 – Lesson 3: <i>Add With Unlike Denominators</i> pp. 260-261		Unit 4 – Lesson 8: <i>Addition and Subtraction of Fractions with Unlike Denominators</i> pp. 86-87	Unit 4 – Lesson 3: <i>Addition and Subtraction of Fractions (Unlike Denominators)</i> pp. 76-77
Chapter 10 – Lesson 4: <i>Add Mixed Numbers With Unlike Denominators</i> pp. 262-264		Unit 4 – Lesson 8: <i>Addition and Subtraction of Fractions with Unlike Denominators</i> pp. 86-87	Unit 4 – Lesson 4: <i>Addition of Mixed Numbers (Unlike Denominators)</i> pp. 78-79
Chapter 10 – Lesson 5: <i>Subtract Fractions With Like Denominators</i> pp. 266-267		Unit 4 – Lesson 6: <i>Subtraction of Fractions with Like Denominators</i> pp. 82-83	Unit 4 – Lesson 1: <i>Addition and Subtraction of Fractions (Like Denominators)</i> pp. 72-73
Chapter 10 – Lesson 6: <i>Subtract Fractions With Unlike Denominators</i> pp. 268-269		Unit 4 – Lesson 8: <i>Addition and Subtraction of Fractions with Unlike Denominators</i> pp. 86-87	Unit 4 – Lesson 3: <i>Addition and Subtraction of Fractions (Unlike Denominators)</i> pp. 76-77
Chapter 10 – Lesson 8: <i>Subtract Mixed Numbers With Unlike Denominators</i> pp. 274-276		Unit 4 – Lesson 8: <i>Addition and Subtraction of Fractions with Unlike Denominators</i> pp. 86-87	Unit 4 – Lesson 5: <i>Subtraction of Mixed Numbers (Unlike Denominators)</i> pp. 80-81
Chapter 11 – Lesson 1: <i>Explore Addition and Subtraction with Decimals</i> pp. 282-283	Unit 4 – Lesson 7: <i>Addition and Subtraction of Money</i> pp. 84-85		Unit 2 – Lesson 2: <i>Addition and Subtraction of Decimal Numbers</i> pp. 38-39
Chapter 11 – Lesson 2: <i>Add Decimals</i> pp. 284-285	Unit 4 – Lesson 7: <i>Addition and Subtraction of Money</i> pp. 84-85		Unit 2 – Lesson 2: <i>Addition and Subtraction of Decimal Numbers</i> pp. 38-39
Chapter 11 – Lesson 3: <i>Subtract Decimals</i> pp. 286-288	Unit 4 – Lesson 7: <i>Addition and Subtraction of Money</i> pp. 84-85		Unit 2 – Lesson 2: <i>Addition and Subtraction of Decimal Numbers</i> pp. 38-39

Houghton Mifflin Teacher's Edition Math (Grade 5) Lesson Examples	Math Elevations Teacher's Guide Level C (Grade 3) Prior Level Instruction Lesson Examples	Math Elevations Teacher's Guide Level D (Grade 4) Prior Level Instruction Lesson Examples	Math Elevations Teacher's Guide Level E (Grade 5) Lesson Examples
Chapter 13 – Lesson 1: <i>Explore Multiplication</i> pp. 334-335	Unit 3 – Lesson 1: <i>Meaning of Multiplication</i> pp. 54-55	Unit 3 – Lesson 1: <i>Mental Multiplication</i> pp. 54-55	Unit 2 – Lesson 5: <i>Multiplying Decimals</i> pp. 44-45
Chapter 13 – Lesson 2: <i>Multiply Whole Numbers and Decimals</i> pp. 336-337			Unit 2 – Lesson 5: <i>Multiplying Decimals</i> pp. 44-45
Chapter 15 – Lesson 1: <i>Points, Lines, and Rays</i> pp. 390-391	Unit 6 – Lesson 1: <i>Lines and Angles</i> pp. 108-109 Unit 6 – Lesson 2: <i>Types of Lines</i> pp. 110-111	Unit 7 – Lesson 2: <i>Parallel and Perpendicular Lines</i> pp. 128-129	Unit 7 – Lesson 1: <i>Geometric Concepts</i> pp. 126-127 Unit 7 – Lesson 2: <i>Lines</i> pp. 128-129
Chapter 15 – Lesson 2: <i>Measure, Draw, and Classify Angles</i> pp. 392-394	Unit 6 – Lesson 1: <i>Lines and Angles</i> pp. 108-109	Unit 7 – Lesson 1: <i>Types of Angles</i> pp. 126-127	Unit 7 – Lesson 1: <i>Geometric Concepts</i> pp. 126-127 Unit 7 – Lesson 3: <i>Measuring and Classifying Angles</i> pp. 130-131
Chapter 15 – Lesson 3: <i>Triangles</i> pp. 396-397	Unit 6 – Lesson 3: <i>Plane Figures</i> pp. 112-113	Unit 7 – Lesson 3: <i>Classifying Polygons</i> pp. 130-131	Unit 7 – Lesson 4: <i>Classifying Triangles</i> pp. 132-133
Chapter 15 – Lesson 5: <i>Quadrilaterals and Other Polygons</i> pp. 400-402	Unit 6 – Lesson 3: <i>Plane Figures</i> pp. 112-113	Unit 7 – Lesson 3: <i>Classifying Polygons</i> pp. 130-131	Unit 7 – Lesson 7: <i>Classifying Quadrilaterals</i> pp. 138-139
Chapter 15 – Lesson 6: <i>Rotations, Reflections, and Translations</i> pp. 404-406		Unit 7 – Lesson 5: <i>Flips and Slides</i> pp. 134-135	Unit 7 – Lesson 5: <i>Translations</i> pp. 134-135 Unit 7 – Lesson 6: <i>Reflections and Rotations</i> pp. 136-137
Chapter 16 – Lesson 1: <i>Perimeter</i> pp. 422-423	Unit 7 – Lesson 4: <i>Perimeter</i> pp. 132-133 Unit 7 – Lesson 5: <i>Area</i> pp. 134-135	Unit 6 – Lesson 1: <i>Perimeter of Squares and Rectangles</i> pp. 108-109 Unit 6 – Lesson 2: <i>Area of Squares and Rectangles</i> pp. 110-111	Unit 6 – Lesson 1: <i>Area and Perimeter</i> pp. 108-109 Unit 6 – Lesson 2: <i>Investigating Area and Perimeter</i> pp. 110-111
Chapter 16 – Lesson 3: <i>Area of a Parallelogram</i> pp. 428-430	Unit 7 – Lesson 5: <i>Area</i> pp. 134-135	Unit 6 – Lesson 2: <i>Area of Squares and Rectangles</i> pp. 110-111	Unit 6 – Lesson 4: <i>Area of Parallelograms</i> pp. 114-115
Chapter 16 – Lesson 4: <i>Area of a Triangle</i> pp. 432-433	Unit 7 – Lesson 5: <i>Area</i> pp. 134-135		Unit 6 – Lesson 5: <i>Area of Triangles</i> pp. 116-117
Chapter 16 – Lesson 5: <i>Perimeter and Area of Irregular Figures</i> pp. 434-436		Unit 6 – Lesson 3: <i>Area and Perimeter of Irregular Polygons</i> pp. 112-113	Unit 6 – Lesson 3: <i>Perimeter of Irregular Shapes</i> pp. 112-113

Houghton Mifflin Teacher's Edition Math (Grade 5) Lesson Examples	Math Elevations Teacher's Guide Level C (Grade 3) Prior Level Instruction Lesson Examples	Math Elevations Teacher's Guide Level D (Grade 4) Prior Level Instruction Lesson Examples	Math Elevations Teacher's Guide Level E (Grade 5) Lesson Examples
Chapter 17 – Lesson 1: <i>Solid Figures</i> pp. 446-447	Unit 6 – Lesson 6: <i>Solid Figures</i> pp. 118-119 Unit 6 – Lesson 7: <i>Solid Figures and Their Nets</i> pp. 120-121	Unit 7 – Lesson 7: <i>Solid Figures</i> pp. 138-139	Unit 7 – Lesson 8: <i>Solid Figures</i> pp. 140-141
Chapter 17 – Lesson 6: <i>Volume</i> pp. 460-463		Unit 7 – Lesson 8: <i>Volume</i> pp. 140-141	Unit 6 – Lesson 6: <i>Volume of Rectangular Solids</i> pp. 118-119
Chapter 19 – Lesson 1: <i>Understand Percent</i> pp. 506-507			Unit 4 – Lesson 6: <i>Understanding Percent</i> pp. 82-83
Chapter 19 – Lesson 2: <i>Relate Fractions, Decimals, and Percents</i> pp. 508-509		Unit 1 – Lesson 6: <i>Fractions as Decimals</i> pp. 28-29 Unit 4 – Lesson 3: <i>Converting Between Improper Fractions and Mixed Numbers</i> pp. 76-77 Unit 4 – Lesson 4: <i>Fractions and Mixed Numbers as Decimals</i> pp. 78-79	Unit 4 – Lesson 7: <i>Converting Between Percents, Decimals, and Fractions</i> pp. 84-85
Chapter 19 – Lesson 3: <i>Compare Fractions, Decimals, and Percents</i> pp. 510-512		Unit 1 – Lesson 6: <i>Fractions as Decimals</i> pp. 28-29 Unit 4 – Lesson 3: <i>Converting Between Improper Fractions and Mixed Numbers</i> pp. 76-77 Unit 4 – Lesson 4: <i>Fractions and Mixed Numbers as Decimals</i> pp. 78-79	Unit 4 – Lesson 7: <i>Converting Between Percents, Decimals, and Fractions</i> pp. 84-85
Chapter 19 – Lesson 4: <i>Find 10% of a Number</i> pp. 514-515			Unit 4 – Lesson 8: <i>Percent of a Quantity</i> pp. 86-87
Chapter 19 – Lesson 5: <i>Percent of a Number</i> pp. 516-518			Unit 4 – Lesson 8: <i>Percent of a Quantity</i> pp. 86-87
Chapter 20 – Lesson 1: <i>Make Choices</i> pp. 528-529	Unit 8 – Lesson 6: <i>Likelihood</i> pp. 154-155 Unit 8 – Lesson 7: <i>Probability</i> pp. 156-157 Unit 8 – Lesson 8: <i>Fair and Unfair</i>	Unit 8 – Lesson 7: <i>Predicting Possible Outcomes</i> pp. 156-157 Unit 8 – Lesson 8: <i>Probability</i> pp. 158-159	Unit 8 – Lesson 2: <i>Evaluating Probability</i> pp. 146-147

Houghton Mifflin Teacher's Edition Math (Grade 5) Lesson Examples	Math Elevations Teacher's Guide Level C (Grade 3) Prior Level Instruction Lesson Examples	Math Elevations Teacher's Guide Level D (Grade 4) Prior Level Instruction Lesson Examples	Math Elevations Teacher's Guide Level E (Grade 5) Lesson Examples
	<i>Games</i> pp. 158-159		
Chapter 20 – Lesson 2: <i>Probability Concepts</i> pp. 530-531	Unit 8 – Lesson 7: <i>Probability</i> pp. 156- 157	Unit 8 – Lesson 8: <i>Probability</i> pp. 158-159	Unit 8 – Lesson 3: <i>Probability Experiments</i> pp. 148-149
Chapter 20 – Lesson 3: <i>Theoretical Probability</i> pp. 532-534	Unit 8 – Lesson 7: <i>Probability</i> pp. 156- 157	Unit 8 – Lesson 8: <i>Probability</i> pp. 158-159	Unit 8 – Lesson 3: <i>Probability Experiments</i> pp. 148-149
Chapter 21 – Lesson 2: <i>Write and Solve Equations</i> pp. 568-570	Unit 5 – Lesson 1: <i>Missing Addends and Subtrahends</i> pp. 90-91	Unit 5 – Lesson 2: <i>Solving Open Sentences (Addition and Subtraction)</i> pp. 92-93 Unit 5 – Lesson 3: <i>Solving Open Sentences (Multiplication and Division)</i> pp. 94-95	Unit 5 – Lesson 5: <i>Solving One-Step Equations</i> pp. 98-99
Chapter 21 – Lesson 3: <i>Write an Equation</i> pp. 572-574	Unit 5 – Lesson 1: <i>Missing Addends and Subtrahends</i> pp. 90-91 Unit 5 – Lesson 8: <i>Word Problem Patterns</i> pp. 104-105	Unit 5 – Lesson 6: <i>Writing Simple Algebraic Equations</i> pp. 100-101	Unit 5 – Lesson 6: <i>Problem Solving</i> pp. 100-101
Chapter 21 – Lesson 5: <i>Patterns and Functions</i> pp. 578-580	Unit 5 – Lesson 4: <i>Number Patterns</i> pp. 96-97 Unit 5 – Lesson 5: <i>Number Machines</i> pp. 98-99 Unit 5 – Lesson 6: <i>Picture Patterns</i> pp. 100-101	Unit 5 – Lesson 4: <i>Functional Relationships</i> pp. 96-97 Unit 5 – Lesson 5: <i>Linear Functions</i> pp. 98-99	Unit 5 – Lesson 2: <i>Investigating Patterns</i> pp. 92-93
Chapter 23 – Lesson 1: <i>Integers and the Coordinate Plane</i> pp. 610-613		Unit 5 – Lesson 7: <i>Ordered Pairs</i> pp. 102-103 Unit 5 – Lesson 8: <i>Directions</i> pp. 104-105	Unit 5 – Lesson 8: <i>The Coordinate Plane</i> pp. 104-105