

Series Crosswalks

Math



Writing



Science



Reading



Social Studies



Introduction

McGraw-Hill Education’s *College and Career Readiness Practice Workbooks* align to the College and Career Readiness Standards (CCRS) and develop the foundational skills needed for High School Equivalency success. Because the series was designed to align to a number of key standards and examination objectives within Adult Education, these workbooks can be used with a number of other McGraw-Hill Education programs.

How to Use the Crosswalk

This document provides you with the information you need to fit this workbook series perfectly into your instruction as either stand-alone practice, or as additional practice supporting a number of other McGraw-Hill Education literacy, numeracy, and test preparation materials. With these crosswalks and reverse crosswalks, you will be able to use the CCR Practice Workbooks in the following ways:

Stand-alone Practice	Additional Practice	Pre-/Post-Assessment
Use the workbooks as stand-alone practice to determine students’ skill and content mastery levels. Use the crosswalks to determine what materials can be used to reinforce concepts not yet mastered.	Use the reverse crosswalks to determine which workbooks and lessons can help reinforce or remediate lessons within McGraw-Hill Education programs you already use.	Use the workbooks to assess student understanding before or after teaching a particular concept.

This specific document includes the crosswalks and reverse crosswalks for the Mathematics workbooks. If no page numbers are specified, then the entire lesson/chapter/unit references that content or skill.

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CCR Practice Workbook Alignments to Other McGraw-Hill Education Series

Use the crosswalk to identify what pages and lessons from McGraw-Hill Education titles align to each lesson within the *College and Career Readiness Mathematics Practice Workbooks*.

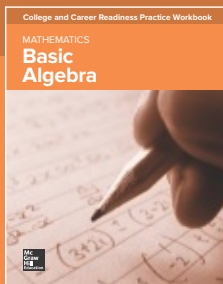
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McGraw-Hill Education Series Alignments to the CCR Practice Workbooks

Use the reverse crosswalks to identify how the *College and Career Readiness Mathematics Practice Workbooks* can be used to supplement other McGraw-Hill Education programs.

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McGraw-Hill Education College and Career Readiness Resources



MATHEMATICS

Basic Algebra

Use the following *High School Equivalency Basics Mathematics*, *High School Equivalency Achieve Mathematics*, *Achieving TABE Success in Mathematics*, *EMPower*, *EMPower Plus*, *Workplace Skills – Applied Mathematics* and *Number Power* resources to provide additional practice for the following *College and Career Readiness Practice Workbook: Basic Algebra* lessons.

Basic Algebra Lessons

McGraw-Hill Education Resources

<p>L1 Translating Variable Expressions</p>	<p>HSE Basics</p> <ul style="list-style-type: none"> • L5.1 Expressions • L5.5 Identify Patterns <p>HSE Achieve</p> <ul style="list-style-type: none"> • pp. 82–84 <p>Achieving TABE Success - Level M</p> <ul style="list-style-type: none"> • Writing Algebraic Expressions, pp. 117–118 <p>Achieving TABE Success - Level D</p> <ul style="list-style-type: none"> • Using Variables to Write Expressions, p. 103 • Interpreting Expressions and Equations, p. 105 <p>Achieving TABE Success - Level A</p> <ul style="list-style-type: none"> • Using Variables in Algebraic Expressions, pp. 114–115 <p>EMPower- Everyday Number Sense: Mental Math and Visual Models</p> <ul style="list-style-type: none"> • L8 Picture This <p>EMPower Plus- Everyday Number Sense: Mental Math and Visual Models</p> <ul style="list-style-type: none"> • L10 Picture This <p>Number Power: Transitions Math</p> <ul style="list-style-type: none"> • pp. 15–16 <p>Number Power: Pre-Algebra</p> <ul style="list-style-type: none"> • pp. 140–143 <p>Number Power: Algebra</p> <ul style="list-style-type: none"> • pp. 42–45
<p>L2 Order of Operations</p>	<p>HSE Basics</p> <ul style="list-style-type: none"> • pp. 36–37, 251–252 <p>HSE Achieve</p> <ul style="list-style-type: none"> • pp. 24–25 <p>Achieving TABE Success - Level A</p> <ul style="list-style-type: none"> • Following Order of Operations, p. 17 <p>EMPower- Everyday Number Sense: Mental Math and Visual Models</p> <ul style="list-style-type: none"> • L7 Patterns and Order

	<p>EMPower Plus- Everyday Number Sense: Mental Math and Visual Models</p> <ul style="list-style-type: none"> L9 Patterns and Order <p>Number Power: Transitions Math</p> <ul style="list-style-type: none"> pp. 3–4 <p>Workplace Skills- Applied Mathematics</p> <ul style="list-style-type: none"> L10 Put Information in the Right Order <p>Number Power: Pre-Algebra</p> <ul style="list-style-type: none"> pp. 24–25 <p>Number Power: Algebra</p> <ul style="list-style-type: none"> pp. 72–73, 82–85
<p>L3 Properties</p>	<p>HSE Basics</p> <ul style="list-style-type: none"> pp. 27–30, 140, 151 <p>HSE Achieve</p> <ul style="list-style-type: none"> pp. 22–23, 30–31 <p>Achieving TABE Success - Level M</p> <ul style="list-style-type: none"> Reviewing Addition Concepts, p. 15 Reviewing Subtraction Concepts, p. 26 Reviewing Basic Multiplication Concepts, p. 36 Reviewing Basic Division Concepts, p. 48 Reviewing Basic Division Facts, p. 49 Reviewing Basic Number Properties, pp. 114–115 <p>Achieving TABE Success - Level D</p> <ul style="list-style-type: none"> Reviewing Addition, p. 15 Reviewing Multiplication, p. 18 Reviewing Basic Properties of Numbers, pp. 100–101 <p>Achieving TABE Success - Level A</p> <ul style="list-style-type: none"> Reviewing Basic Addition Facts, p. 8 Reviewing Basic Multiplication Facts, p. 10 <p>Number Power: Transitions Math</p> <ul style="list-style-type: none"> pp. 1–3, 34–35
<p>L4 Evaluating Expressions</p>	<p>HSE Basics</p> <ul style="list-style-type: none"> pp. 136–138, 147, 250–252 <p>HSE Achieve</p> <ul style="list-style-type: none"> L3.1 Evaluate Linear Expressions <p>Achieving TABE Success - Level M</p> <ul style="list-style-type: none"> Evaluating Expressions, p. 119 <p>Achieving TABE Success - Level D</p> <ul style="list-style-type: none"> Evaluating Expressions, p. 104 <p>Achieving TABE Success - Level A</p> <ul style="list-style-type: none"> Evaluating Algebraic Expressions, p. 116 <p>Number Power: Transitions Math</p> <ul style="list-style-type: none"> pp. 25–27 <p>Number Power: Pre-Algebra</p> <ul style="list-style-type: none"> pp. 146–147 <p>Number Power: Algebra</p> <ul style="list-style-type: none"> pp. 46–48

<p>L5 Equivalent Expressions</p>	<p>HSE Achieve</p> <ul style="list-style-type: none"> • pp. 21–23 <p>Achieving TABE Success - Level M</p> <ul style="list-style-type: none"> • Writing Algebraic Expressions, pp. 117–118 <p>Achieving TABE Success - Level D</p> <ul style="list-style-type: none"> • Interpreting Expressions and Equations, p. 105 <p>Achieving TABE Success - Level A</p> <ul style="list-style-type: none"> • Following Order of Operations, p. 17 <p>EMPower- Everyday Number Sense: Mental Math and Visual Models</p> <ul style="list-style-type: none"> • L8 Picture This <p>EMPower Plus- Everyday Number Sense: Mental Math and Visual Models</p> <ul style="list-style-type: none"> • L10 Picture This <p>EMPower-Seeking Patterns, Building Rules: Algebraic Thinking</p> <ul style="list-style-type: none"> • L7 What is the Message? <p>Number Power: Transitions Math</p> <ul style="list-style-type: none"> • p. 33 <p>Number Power: Algebra</p> <ul style="list-style-type: none"> • pp. 52–53
<p>L6 Solving Two-Step Equations</p>	<p>HSE Basics</p> <ul style="list-style-type: none"> • L5.3 Solve Two-Step Equations <p>HSE Achieve</p> <ul style="list-style-type: none"> • p. 93 <p>Achieving TABE Success - Level D</p> <ul style="list-style-type: none"> • Solving Equations, p. 107 <p>Achieving TABE Success - Level A</p> <ul style="list-style-type: none"> • Solving Equations with More than One Step, p. 121 <p>Workplace Skills- Applied Mathematics</p> <ul style="list-style-type: none"> • L9 Solve Problems Using One or Two Operations <p>Number Power: Algebra</p> <ul style="list-style-type: none"> • pp. 72–75
<p>L7 Combining Like Terms</p>	<p>HSE Achieve</p> <ul style="list-style-type: none"> • pp. 84–86, 95 <p>Achieving TABE Success - Level A</p> <ul style="list-style-type: none"> • Combining Terms, p. 120 <p>Number Power: Transitions Math</p> <ul style="list-style-type: none"> • pp. 17–20 <p>Number Power: Algebra</p> <ul style="list-style-type: none"> • pp. 52–53, 138–141

L8 Solving Multi-Step Equations**HSE Achieve**

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L9 Writing Equations**HSE Basics**

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EMPower- Everyday Number Sense: Mental Math and Visual Models

- L9 What's the Story?

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- L11 What's the Story?

EMPower- Seeking Patterns, Building Rules: Algebraic Thinking

- L1 Guess My Rule
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Number Power: Transitions Math

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L10 Solving for a Variable/Rearranging Formulas**HSE Basics**

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HSE Achieve

- L7.1 Compute Perimeter and Area of Polygon
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- Using Formulas, p. 125

EMPower- Over, Around, and Within: Geometry and Measurement

- L7 Disappearing Grid Lines

Workplace Skills- Applied Mathematics

- L22 Rearrange a Formula
- L26 Apply Formula Rearrangements and Unit Conversions to Calculate Area

Number Power: Transitions Math

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Number Power: Algebra

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L11 Functions**HSE Basics**

- L6.5 Functions

HSE Achieve

- L6.1 Identify a Function
- L6.2 Identify Linear and Quadratic Functions
- L6.3 Identify Key Features of a Graph
- L6.4 Compare Functions

Achieving TABE Success - Level M

- Working with Functions, p. 116

Achieving TABE Success - Level D

- Working with Functions, p. 102

Achieving TABE Success - Level A

- Working with Functions, p. 112

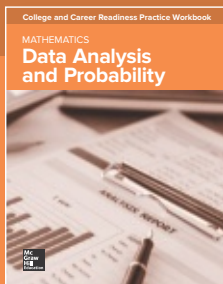
Workplace Skills- Applied Mathematics

- L31 Solve Problems with Nonlinear Functions and/or One or More Unknowns

Number Power: Transitions Math

- pp. 204–210

L12 Rate of Change and Slope	HSE Basics <ul style="list-style-type: none">• pp. 170–172, 177 HSE Achieve <ul style="list-style-type: none">• p. 210• L5.1 Interpret Slope EMPower- Seeking Patterns, Building Rules: Algebraic Thinking <ul style="list-style-type: none">• L10 Signs of Change• L11 Rising Gas Prices Number Power: Transitions Math <ul style="list-style-type: none">• pp. 69–74 Number Power: Pre-Algebra <ul style="list-style-type: none">• pp. 46–47 Number Power: Algebra <ul style="list-style-type: none">• pp. 112–113
L13 Graphing Linear Functions	HSE Basics <ul style="list-style-type: none">• pp. 201–203 HSE Achieve <ul style="list-style-type: none">• L6.3 Identify Key Features of a Graph
L14 Solving One- Variable Inequalities	HSE Basics <ul style="list-style-type: none">• Lesson 5.4 Solve One- and Two-Step Inequalities HSE Achieve <ul style="list-style-type: none">• Lesson 3.3 Solve Linear Inequalities Achieving TABE Success - Level D <ul style="list-style-type: none">• Solving Inequalities, p. 108 Achieving TABE Success - Level A <ul style="list-style-type: none">• Solving Inequalities, pp. 126–127 Number Power: Transitions Math <ul style="list-style-type: none">• pp. 48–51 Number Power: Algebra <ul style="list-style-type: none">• pp. 127–133



MATHEMATICS

Data Analysis and Probability

Use the following *High School Equivalency Basics Mathematics*, *High School Equivalency Achieve Mathematics*, *Achieving TABE Success in Mathematics*, *EMPower*, and *Number Power* resources to provide additional practice for the following *College and Career Readiness Practice Workbook: Data Analysis and Probability* lessons.

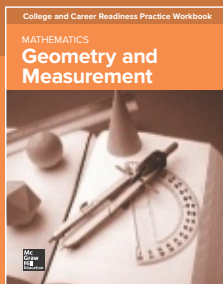
Data Analysis and Probability Lessons

McGraw-Hill Education Resources

<p>L1 Measures of Central Tendency</p>	<p>HSE Basics</p> <ul style="list-style-type: none"> • L9.1 Measures of Central Tendency and Range <p>HSE Achieve</p> <ul style="list-style-type: none"> • L8.1 Calculate Measures of Central Tendency <p>Achieving TABE Success - Level M</p> <ul style="list-style-type: none"> • Finding Mean, Median, and Mode, pp. 100–101 <p>Achieving TABE Success - Level D</p> <ul style="list-style-type: none"> • Finding Mean, Median, and Mode, p. 158 <p>Achieving TABE Success - Level A</p> <ul style="list-style-type: none"> • Finding Mean, Median, and Mode, pp. 96–97 <p>EMPower- Many Points Make a Point: Data and Graphs</p> <ul style="list-style-type: none"> • L7 A Mean Idea • L9 Median <p>Number Power: Pre-Algebra</p> <ul style="list-style-type: none"> • pp. 42–43 <p>Number Power: Analyzing Data</p> <ul style="list-style-type: none"> • pp. 52–56
<p>L2 Box Plots</p>	<p>HSE Basics</p> <ul style="list-style-type: none"> • pp. 279–280 <p>HSE Achieve</p> <ul style="list-style-type: none"> • pp. 274–275
<p>L3 Displaying Data I</p>	<p>HSE Basics</p> <ul style="list-style-type: none"> • pp. 274–280 <p>HSE Achieve</p> <ul style="list-style-type: none"> • pp. 262–265 • L8.3 Display One-Variable Data <p>Achieving TABE Success - Level M</p> <ul style="list-style-type: none"> • Working with Graphs, p. 102 • Reading a Circle Graph, p. 103 • Reading a Bar Graph, p. 104 • Reading a Double Bar Graph, p. 105 <p>Achieving TABE Success - Level D</p> <ul style="list-style-type: none"> • Reading a Circle Graph, p. 159 • Finding the Numbers Represented in a Circle Graph, p. 160 • Reading a Bar Graph, p. 161 • Understanding Data in Bar Graphs, p. 162

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<p>L4 Displaying Data II</p>	<p>HSE Basics</p> <ul style="list-style-type: none"> • pp. 278–279 <p>HSE Achieve</p> <ul style="list-style-type: none"> • pp. 265–267 <p>Number Power: Analyzing Data</p> <ul style="list-style-type: none"> • pp. 42–46 <p>Number Power: Pre-Algebra</p> <ul style="list-style-type: none"> • pp. 82–83 <p>EMPower- Many Points Make a Point: Data and Graphs</p> <ul style="list-style-type: none"> • L4 A Closer Look at Circle Graphs
<p>L5 Mean Absolute Deviation</p>	<p>Achieving TABE Success - Level A</p> <ul style="list-style-type: none"> • Working with Absolute Value, p. 69
<p>L6 Distribution of Data</p>	<p>HSE Achieve</p> <ul style="list-style-type: none"> • p. 274
<p>L7 Sampling and Comparing Populations</p>	<p>Achieving TABE Success - Level D</p> <ul style="list-style-type: none"> • Gathering Data for a Survey, p. 153 <p>Achieving TABE Success - Level A</p> <ul style="list-style-type: none"> • Gathering Data for a Survey, p. 98 <p>EMPower- Many Points Make a Point: Data and Graphs</p> <ul style="list-style-type: none"> • L2 Most of Us Eat <p>Number Power: Analyzing Data</p> <ul style="list-style-type: none"> • pp. 93–102

<p>L8 Displaying Two-Variable Data</p>	<p>HSE Basics</p> <ul style="list-style-type: none"> • pp. 277–278 <p>HSE Achieve</p> <ul style="list-style-type: none"> • L8.4 Display Two-Variable Data <p>Achieving TABE Success - Level M</p> <ul style="list-style-type: none"> • Reading a Table, pp. 96–97 • Using Numbers in a Table, p. 98 • Using a Price List, p. 99 • Reading a Line Graph, p. 106 <p>Achieving TABE Success - Level D</p> <ul style="list-style-type: none"> • Reading a Table, p. 154 • Using a Price List, p. 155 • Using Tables to Make Comparisons, p. 156 • Interpreting Information in Tables, p. 157 • Reading a Line Graph, p. 163 <p>Achieving TABE Success - Level A</p> <ul style="list-style-type: none"> • Reading a Table, p. 99 • Reading a Complex Table or Chart, p. 100 • Reading a Line Graph, p. 103 • Identifying Trends and Making Predictions, p. 104 <p>EMPower- Many Points Make a Point: Data and Graphs</p> <ul style="list-style-type: none"> • L1 Countries in Our Closets • L6 Roller-Coaster Rides • L8 Mystery Cities
<p>L9 Scatter Plots</p>	<p>HSE Achieve</p> <ul style="list-style-type: none"> • pp. 280–281 <p>Number Power: Analyzing Data</p> <ul style="list-style-type: none"> • pp. 50–51
<p>L10 Counting Techniques</p>	<p>HSE Basics</p> <ul style="list-style-type: none"> • L10.1 Counting Methods <p>HSE Achieve</p> <ul style="list-style-type: none"> • L2.3 Use Counting Techniques
<p>L11 Determine Probability</p>	<p>HSE Basics</p> <ul style="list-style-type: none"> • L10.2 Introduction to Probability • L10.3 Compound Events <p>HSE Achieve</p> <ul style="list-style-type: none"> • L2.4 Determine Probability <p>Achieving TABE Success - Level M</p> <ul style="list-style-type: none"> • Understanding Probability, p. 107 <p>Achieving TABE Success - Level D</p> <ul style="list-style-type: none"> • Investigating Probability, pp. 151–152 <p>Achieving TABE Success - Level A</p> <ul style="list-style-type: none"> • Investigating Probability, pp. 94–95 <p>Number Power: Analyzing Data</p> <ul style="list-style-type: none"> • pp. 86–92 <p>Number Power: Pre-Algebra</p> <ul style="list-style-type: none"> • pp. 88–103



MATHEMATICS

Geometry and Measurement

Use the following *High School Equivalency Basics Mathematics*, *High School Equivalency Achieve Mathematics*, *Achieving TABE Success in Mathematics*, *EMPower*, *Workplace Skills – Applied Mathematics* and *Number Power* resources to provide additional practice for the following *College and Career Readiness Practice Workbook: Geometry and Measurement* lessons.

Geometry and Measurement Lessons

L1 Measuring and Converting Units

McGraw-Hill Education Resources

HSE Basics

- L11.1 Customary Units
- L11.2 Metric Units

Achieving TABE Success - Level M

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- Choosing and Appropriate Unit of Measure, p. 125
- Converting Units Within the Customary System, pp. 126–127
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- Measuring to a Fractions of an inch, p. 132
- Reviewing Customary Units of Measure, p. 133
- Converting Units Within the Customary System, p. 134
- Reviewing Metric Units of Measure, p. 135
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- Comparing Customary and Metric Units, p. 137

Achieving TABE Success - Level A

- Using a Ruler, p. 146
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- Converting Units Within the Customary System, p. 148
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Workplace Skills- Applied Mathematics

- L12 Calculate with Mixed Units
- L15 Convert Measurements
- L23 Change from One Unit to Another in the Same Measurement System
- L24 Convert from One System of Measurement to Another
- L27 Convert Between Systems of Measurement

EMPower- Over, Around, and Within: Geometry and Measurement

- L8 Conversion Experiences
- L9 Squarely in English

Number Power: Measurement

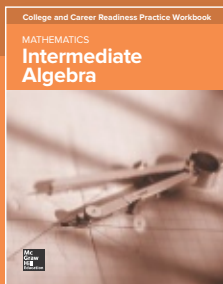
- pp. 16–33, 36–65, 76–93

<p>L2 Angles, Parallel lines, Transversals</p>	<p>HSE Basics</p> <ul style="list-style-type: none"> • L12.1 Geometric Figures <p>Achieving TABE Success - Level M</p> <ul style="list-style-type: none"> • Naming Points, Line, Line Segments, and Rays, p. 143 • Naming Angles, p. 144 • Investigating Lines, p. 145 <p>Achieving TABE Success - Level D</p> <ul style="list-style-type: none"> • Recognizing Types of Angles, p. 114 • Recognizing Relationships of Lines, p. 115 • Drawing Diagonals in a Polygon, p. 119 <p>Achieving TABE Success - Level A</p> <ul style="list-style-type: none"> • Classifying Angles, p. 131 • Recognizing Relationships Between Lines, p. 132 • Recognizing Corresponding Angles, p. 133 • Using Angle Relationships, pp. 134–135 <p>EMPower- Over, Around, and Within: Geometry and Measurement</p> <ul style="list-style-type: none"> • L2 Get It Right • L3 Get It Straight <p>Number Power: Pre-Algebra</p> <ul style="list-style-type: none"> • pp. 106–111 <p>Number Power: Measurement</p> <ul style="list-style-type: none"> • pp. 34–39 <p>Number Power: Geometry</p> <ul style="list-style-type: none"> • pp. 22–29
<p>L3 Pythagorean Theorem</p>	<p>HSE Basics</p> <ul style="list-style-type: none"> • L12.5 Pythagorean Theorem <p>HSE Achieve</p> <ul style="list-style-type: none"> • pp. 223–224 <p>Achieving TABE Success - Level A</p> <ul style="list-style-type: none"> • Using Pythagorean Theorem, p. 139 <p>Number Power: Algebra</p> <ul style="list-style-type: none"> • pp. 188–189 <p>Number Power: Pre-Algebra</p> <ul style="list-style-type: none"> • pp. 190–191 <p>Number Power: Geometry</p> <ul style="list-style-type: none"> • pp. 62–63
<p>L4 Perimeter and Area of Polygons</p>	<p>HSE Basics</p> <ul style="list-style-type: none"> • L12.2 Perimeter and Circumference • L12.4 Area <p>HSE Achieve</p> <ul style="list-style-type: none"> • L7.1 Compute Perimeter and Area of Polygons <p>Achieving TABE Success - Level M</p> <ul style="list-style-type: none"> • Finding Perimeter, p. 135 • Finding Area, p. 136 <p>Achieving TABE Success - Level D</p> <ul style="list-style-type: none"> • Finding Perimeter, p. 141 • Finding Area of Squares and Rectangles, p. 143 • Finding the Area of a Triangle, pp. 144–145

	<p>Achieving TABE Success - Level A</p> <ul style="list-style-type: none"> • Finding Perimeter, p. 153 • Finding Area, p. 155 <p>Workplace Skills- Applied Mathematics</p> <ul style="list-style-type: none"> • L13 Calculate Perimeter and Area • L22 Rearrange a Formula • L26 Apply Formula Rearrangements and Unit conversions to Calculate Area <p>EMPower- Over, Around, and Within: Geometry and Measurement</p> <ul style="list-style-type: none"> • L4 Giant Size • L5 Line Up by Size • L6 Combing Rectangles • L7 Disappearing Grid Lines <p>Number Power: Geometry</p> <ul style="list-style-type: none"> • pp. 78–85, 138–143 <p>Number Power: Measurement</p> <ul style="list-style-type: none"> • pp. 40–41, 128–129 <p>Number Power: Pre-Algebra</p> <ul style="list-style-type: none"> • pp. 114, 116, 119 <p>Number Power: Fractions, Decimals, and Percents</p> <ul style="list-style-type: none"> • pp. 136–137
<p>L5 Circumference and Area of a Circle</p>	<p>HSE Basics</p> <ul style="list-style-type: none"> • pp. 335–336, 348 <p>HSE Achieve</p> <ul style="list-style-type: none"> • L7.2 Compute Circumference and Area of Circles <p>Achieving TABE Success - Level D</p> <ul style="list-style-type: none"> • Finding Circumference, p. 142 • Finding the Area of a Circle, p. 146 <p>Achieving TABE Success - Level A</p> <ul style="list-style-type: none"> • Finding Circumference, p. 154 • Finding Area, p. 155 <p>Workplace Skills- Applied Mathematics</p> <ul style="list-style-type: none"> • L13 Calculate Perimeter and Area • L22 Rearrange a Formula <p>EMPower- Seeking Patterns, Building Rules: Algebraic Thinking</p> <ul style="list-style-type: none"> • L6 Circle Patterns <p>Number Power: Geometry</p> <ul style="list-style-type: none"> • pp. 86–87, 100–101 <p>Number Power: Pre-Algebra</p> <ul style="list-style-type: none"> • pp. 115, 118–119 <p>Number Power: Fractions, Decimals, and Percents</p> <ul style="list-style-type: none"> • pp. 142–145
<p>L6 Area and Perimeter of Composite Shapes</p>	<p>HSE Basics</p> <ul style="list-style-type: none"> • pp. 344, 349–350 <p>HSE Achieve</p> <ul style="list-style-type: none"> • L7.4 Compute Perimeter, Area, Surface Area and Volume of Composite Figures

	<p>Achieving TABE Success - Level A</p> <ul style="list-style-type: none"> Finding Perimeter, p. 153 <p>EMPower- Over, Around, and Within: Geometry and Measurement</p> <ul style="list-style-type: none"> L6 Combing Rectangles <p>Number Power: Geometry</p> <ul style="list-style-type: none"> pp. 106–109 <p>Number Power: Pre-Algebra</p> <ul style="list-style-type: none"> p. 119
<p>L7 Transformations</p>	<p>Achieving TABE Success - Level D</p> <ul style="list-style-type: none"> Distinguishing Among Transformations, pp. 124–125 <p>Achieving TABE Success - Level A</p> <ul style="list-style-type: none"> Understanding Transformations, pp. 141–142 <p>Number Power: Transitions Math</p> <ul style="list-style-type: none"> pp. 190–194 <p>Number Power: Geometry</p> <ul style="list-style-type: none"> pp. 164–165 <p>Number Power: Pre-Algebra</p> <ul style="list-style-type: none"> p. 127
<p>L8 Scale Drawings and Measurement</p>	<p>HSE Basics</p> <ul style="list-style-type: none"> L12.3 Scale Drawings and Measurement <p>HSE Achieve</p> <ul style="list-style-type: none"> p. 51 <p>EMPower- Over, Around, and Within: Geometry and Measurement</p> <ul style="list-style-type: none"> L10 Scale Down <p>EMPower- Keeping Things in Proportion: Reasoning with Ratios</p> <ul style="list-style-type: none"> L5 Mona Lisa, Is That You? <p>Number Power: Geometry</p> <ul style="list-style-type: none"> pp. 168–169 <p>Number Power: Pre-Algebra</p> <ul style="list-style-type: none"> pp. 188–189
<p>L9 Similar and Congruent Polygons</p>	<p>HSE Achieve</p> <ul style="list-style-type: none"> p. 51 <p>Achieving TABE Success - Level M</p> <ul style="list-style-type: none"> Recognizing Congruent Figures, p. 152 Recognizing Similar Figures, p. 153 <p>Achieving TABE Success - Level D</p> <ul style="list-style-type: none"> Recognizing Similarity and Congruence, p. 121 <p>EMPower- Over, Around, and Within: Geometry and Measurement</p> <ul style="list-style-type: none"> L4 Giant Size <p>EMPower- Keeping Things in Proportion: Reasoning with Ratios</p> <ul style="list-style-type: none"> L6 Redesigning Your Calculator <p>Number Power: Geometry</p> <ul style="list-style-type: none"> pp. 166–167 <p>Number Power: Pre-Algebra</p> <ul style="list-style-type: none"> pp. 126, 186–187

<p>L10 Surface Area</p>	<p>HSE Achieve</p> <ul style="list-style-type: none"> • L7.3 Compute Surface Area and Volume <p>Achieving TABE Success - Level D</p> <ul style="list-style-type: none"> • Working with Three-Dimensional Figures, pp. 122–123 • Finding Surface Area, p. 147 <p>Workplace Skills- Applied Mathematics</p> <ul style="list-style-type: none"> • L30 Calculate Areas and Volumes of Spheres, Cylinders, or Cones <p>EMPower- Over, Around, and Within: Geometry and Measurement</p> <ul style="list-style-type: none"> • L13 On the Surface <p>Number Power: Geometry</p> <ul style="list-style-type: none"> • pp. 144–145 <p>Number Power: Pre-Algebra</p> <ul style="list-style-type: none"> • pp. 182–184
<p>L11 Volume</p>	<p>HSE Basics</p> <ul style="list-style-type: none"> • L12.6 Geometric Solids and Volume • L12.7 Volume of Cones, Cylinders, and Spheres <p>HSE Achieve</p> <ul style="list-style-type: none"> • L7.3 Compute Surface Area and Volume <p>Achieving TABE Success - Level D</p> <ul style="list-style-type: none"> • Finding Volume, p. 148 <p>Achieving TABE Success - Level A</p> <ul style="list-style-type: none"> • Finding Volume, pp. 156–157 <p>Workplace Skills- Applied Mathematics</p> <ul style="list-style-type: none"> • L21 Find Volume of Rectangular Solids • L22 Rearrange a Formula • L30 Calculate Areas and Volumes of Spheres, Cylinders, or Cones <p>EMPower- Over, Around, and Within: Geometry and Measurement</p> <ul style="list-style-type: none"> • L11 Filling the Room • L12 Cheese Cubes, Anyone? <p>Number Power: Geometry</p> <ul style="list-style-type: none"> • pp. 116–123 <p>Number Power: Measurement</p> <ul style="list-style-type: none"> • pp. 94–101, 138–141 <p>Number Power: Pre-Algebra</p> <ul style="list-style-type: none"> • pp. 120–121 <p>Number Power: Fractions, Decimals, and Percents</p> <ul style="list-style-type: none"> • pp. 140–141
<p>L12 Surface Area and Volume of Composite Figures</p>	<p>HSE Achieve</p> <ul style="list-style-type: none"> • L7.4 Compute Perimeter, Area, Surface Area and Volume of Composite Figures <p>Number Power: Geometry</p> <ul style="list-style-type: none"> • pp. 124–127



MATHEMATICS

Intermediate Algebra

Use the following *High School Equivalency Basics Mathematics*, *High School Equivalency Achieve Mathematics*, *Achieving TABE Success in Mathematics*, *EMPower*, *Workplace Skills – Applied Mathematics and Number Power* resources to provide additional practice for the following *College and Career Readiness Practice Workbook: Intermediate Algebra* lessons.

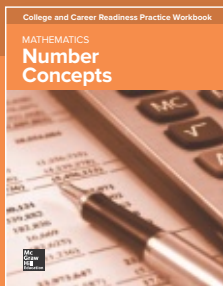
Intermediate Algebra Lessons

McGraw-Hill Education Resources

<p>L1 Writing Linear Equations</p>	<p>HSE Basics</p> <ul style="list-style-type: none"> • L6.1 Linear Equations • L6.2 Graphing Linear Equations <p>HSE Achieve</p> <ul style="list-style-type: none"> • pp. 91, 107–108 • L5.2 Write the Equation of a Line <p>Achieving TABE Success - Level M</p> <ul style="list-style-type: none"> • Using Equations, p. 120 <p>Achieving TABE Success - Level D</p> <ul style="list-style-type: none"> • Writing Equations and Inequalities, p. 109 • Using Equations to Solve Word Problems, p. 110 <p>Achieving TABE Success - Level A</p> <ul style="list-style-type: none"> • Writing Algebraic Equations and Inequalities, p. 117 • Using Equations to Solve Word Problems, p. 124 <p>EMPower-Seeking Patterns, Building Rules: Algebraic Thinking</p> <ul style="list-style-type: none"> • L1 Guess My Rule • L7 What Is the Message? <p>EMPower- Everyday Number Sense: Mental Math and Visual Models</p> <ul style="list-style-type: none"> • L9 What's the Story? <p>Number Power: Transitions Math</p> <ul style="list-style-type: none"> • pp. 42–43, 75–82, 84–86
<p>L2 Solving Systems of Equations by Graphing</p>	<p>HSE Basics</p> <ul style="list-style-type: none"> • p. 186 <p>HSE Achieve</p> <ul style="list-style-type: none"> • L5.4 Solve Systems of Linear Equations <p>Number Power: Algebra</p> <ul style="list-style-type: none"> • pp. 118–119 <p>Number Power: Transitions Math</p> <ul style="list-style-type: none"> • pp. 99–101
<p>L3 Solving Systems of Equations Using Substitution and Elimination</p>	<p>HSE Basics</p> <ul style="list-style-type: none"> • pp. 186–187 <p>HSE Achieve</p> <ul style="list-style-type: none"> • L5.4 Solve Systems of Linear Equations <p>Number Power: Algebra</p> <ul style="list-style-type: none"> • pp. 100–101 <p>Number Power: Transitions Math</p> <ul style="list-style-type: none"> • pp. 102–113

<p>L4 Graphing Two-Variable Inequalities</p>	<p>Number Power: Transitions Math</p> <ul style="list-style-type: none"> pp. 211–213
<p>L5 Exponents</p>	<p>HSE Basics</p> <ul style="list-style-type: none"> Lesson 8.1 Exponents <p>HSE Achieve</p> <ul style="list-style-type: none"> p. 41 L1.3 Compute with Exponents <p>Achieving TABE Success - Level A</p> <ul style="list-style-type: none"> Working with Exponents and Powers, pp. 13–14 Multiplying by Powers of 10, p. 15 <p>EMPower- Seeking Patterns, Building Rules: Algebraic Thinking</p> <ul style="list-style-type: none"> pp. 144–145 <p>EMPower- Everyday Number Sense: Mental Math and Visual Models</p> <ul style="list-style-type: none"> pp. 120, 122 <p>EMPower Plus- Everyday Number Sense: Mental Math and Visual Models</p> <ul style="list-style-type: none"> pp. 194–195 <p>Number Power: Algebra</p> <ul style="list-style-type: none"> pp. 26–32, 38–39 <p>Number Power: Transitions Math</p> <ul style="list-style-type: none"> pp. 5–8
<p>L6 Graphing Exponential Functions</p>	<p>HSE Basics</p> <ul style="list-style-type: none"> p. 203 <p>HSE Achieve</p> <ul style="list-style-type: none"> pp. 193, 196–197, 212–213 <p>Workplace Skills- Applied Mathematics</p> <ul style="list-style-type: none"> p. 214
<p>L7 Radicals</p>	<p>HSE Basics</p> <ul style="list-style-type: none"> L8.2 Roots <p>HSE Achieve</p> <ul style="list-style-type: none"> L1.4 Compute with Roots <p>Achieving TABE Success - Level A</p> <ul style="list-style-type: none"> Finding a Square Root, p. 16 <p>Number Power: Transitions Math</p> <ul style="list-style-type: none"> pp. 9–12, 158–162
<p>L8 Adding and Subtracting Rational Expressions</p>	<p>HSE Achieve</p> <ul style="list-style-type: none"> pp. 141–143 <p>Achieving TABE Success - Level A</p> <ul style="list-style-type: none"> Combining Terms, p. 120 <p>Number Power: Algebra</p> <ul style="list-style-type: none"> pp. 52–53, 138–141 <p>Number Power: Transitions Math</p> <ul style="list-style-type: none"> pp. 17–19, 21–24
<p>L9 Multiplying Rational Expressions</p>	<p>HSE Achieve</p> <ul style="list-style-type: none"> pp. 139–141 <p>Achieving TABE Success - Level A</p> <ul style="list-style-type: none"> Combining Terms, p. 120

	<p>Number Power: Algebra</p> <ul style="list-style-type: none"> pp. 144–145 <p>Number Power: Transitions Math</p> <ul style="list-style-type: none"> pp. 19–20
L10 Interpreting Quadratic Equation Graphs	<p>HSE Basics</p> <ul style="list-style-type: none"> pp. 193–194 <p>HSE Achieve</p> <ul style="list-style-type: none"> L6.3 Identify Key Features of a Graph <p>Number Power: Transitions Math</p> <ul style="list-style-type: none"> pp. 181–186
L11 Factoring Polynomials	<p>HSE Achieve</p> <ul style="list-style-type: none"> L4.2 Factor Polynomials <p>Number Power: Algebra</p> <ul style="list-style-type: none"> pp. 156–157 <p>Number Power: Transitions Math</p> <ul style="list-style-type: none"> pp. 153–155
L12 Solving Polynomials by Factoring	<p>HSE Achieve</p> <ul style="list-style-type: none"> L4.2 Factor Polynomials <p>Number Power: Transitions Math</p> <ul style="list-style-type: none"> pp. 142–149, 153–155
L13 Solving Quadratics by Roots and Completing the Square	<p>HSE Basics</p> <ul style="list-style-type: none"> pp. 354–355 <p>HSE Achieve</p> <ul style="list-style-type: none"> pp. 131–133 <p>Number Power: Transitions Math</p> <ul style="list-style-type: none"> pp. 163–168, 173–175
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L15 Multiple Representations of Quadratics	<p>HSE Achieve</p> <ul style="list-style-type: none"> pp. 125–126, 193, 196–197, 212–213 <p>Number Power: Algebra</p> <ul style="list-style-type: none"> pp. 120–121 <p>Number Power: Transitions Math</p> <ul style="list-style-type: none"> pp. 163, 172, 186–187
L16 Simplifying and Dividing Rational Expressions	<p>HSE Achieve</p> <ul style="list-style-type: none"> L4.4 Evaluate Rational Expressions <p>Achieving TABE Success - Level A</p> <ul style="list-style-type: none"> Combining Terms, p. 120 <p>Number Power: Algebra</p> <ul style="list-style-type: none"> pp. 158–161 <p>Number Power: Transitions Math</p> <ul style="list-style-type: none"> pp. 17–20, 156–157



MATHEMATICS

Number Concepts

Use the following *High School Equivalency Basics Mathematics*, *High School Equivalency Achieve Mathematics*, *Achieving TABE Success in Mathematics*, *EMPower*, *Workplace Skills – Applied Mathematics and Number Power* resources to provide additional practice for the following *College and Career Readiness Practice Workbook: Number Concepts* lessons.

Number Concepts Lessons

McGraw-Hill Education Resources

L1 The Real Number System, Integers, and Absolute Value

HSE Basics

- L4.1 Introduction to Integers and Absolute Value

HSE Achieve

- pp. 12–14, 16–17

Achieving TABE Success - Level D

- Understanding Integers, p. 73
- Working with Absolute Value, p. 74

Achieving TABE Success - Level A

- Reviewing Positive and Negative Numbers, p. 68
- Working with Absolute Value, p. 69

EMPower- Operation Sense: Even More Fractions, Decimals, and Percents

- L3 Subtraction- Take Away, Comparison, and Difference

Number Power: Transitions Math

- p. 52

Number Power: Pre-Algebra

- pp. 18–19

Number Power: Algebra

- pp. 10–11, 94–95

L2 Comparing and Ordering Rational Numbers

HSE Basics

- pp. 15, 51, 78–79, 105

HSE Achieve

- L1.1 Order Rational Numbers on a Number Line

Achieving TABE Success - Level M

- Comparing Whole Numbers, p. 11
- Comparing Fractions, p. 69
- Comparing Decimal Numbers, p. 88

Achieving TABE Success - Level D

- Comparing Whole Numbers, p. 10
- Comparing Decimals, p. 41
- Comparing Fractions, p. 54
- Comparing and Ordering Unlike Fractions, p. 63

Achieving TABE Success - Level A

- Comparing and Ordering Decimals, p. 34
- Comparing and Ordering Fractions, p. 53

EMPower- Everyday Number Sense: Mental Math and Visual Models

- L3 Traveling with Numbers
- L5 Extending the Line

	<p>EMPower Plus- Everyday Number Sense: Mental Math and Visual Models</p> <ul style="list-style-type: none"> • L3 Traveling with Numbers • L6 Extending the Line <p>EMPower- Operation Sense: Even More Fractions, Decimals, and Percents</p> <ul style="list-style-type: none"> • L1 Equivalent • L3 Subtraction- Take Away, Comparison, and Difference <p>EMPower- Using Benchmarks: Fractions, Decimals, and Percents</p> <ul style="list-style-type: none"> • L1 More Than, Less Than, or Equal to One-Half • L2 Half of a Half • L3 Three Out of Four • L4 Fraction Stations • L5 One-Tenth • L6 More About One-Tenth <p>EMPower Plus- Using Benchmarks: Fractions and Operations</p> <ul style="list-style-type: none"> • L6 Equal Measures • L7 Visualizing and Estimating Sums and Differences <p>EMPower-Split It Up: More Fractions, Decimals and Percents</p> <ul style="list-style-type: none"> • L5 Fold and Figure • L6 Give Me a Third • L7 Order, Choose, and Change <p>Number Power Algebra</p> <ul style="list-style-type: none"> • p. 11
<p>L3 Integer Operations</p>	<p>HSE Basics</p> <ul style="list-style-type: none"> • L4.2 Add Integers • L4.3 Subtract Integers • L4.4 Multiply and Divide Integers <p>HSE Achieve</p> <ul style="list-style-type: none"> • L1.2 Apply Number Properties <p>Achieving TABE Success - Level M</p> <ul style="list-style-type: none"> • Adding Three or More Numbers, p. 17 • Writing Numbers in Columns to Add, p. 18 • Regrouping in Addition, pp. 19–20 • Writing Numbers in Columns to Subtract, p. 28 • Regrouping in Subtraction, pp. 29–30 • Multiplying by a One-Digit Factor, p. 38 • Regrouping When You Multiply, p. 39 • Dividing by a One-Digit Divisor, pp. 51–52 • Finding a Remainder, p. 53 • Regrouping After You Begin to Divide, p. 54 • Using Long Division, p. 56 • Dividing Greater Amounts, p. 57 • Dividing by a Two-Digit Divisor, p. 58 <p>Achieving TABE Success - Level D</p> <ul style="list-style-type: none"> • Adding with Integers, p. 75 • Subtracting with Integers, p. 76 • Multiplying and Dividing with Integers, p. 77

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<p>L4 The Coordinate Grid</p>	<p>HSE Basics</p> <ul style="list-style-type: none"> • L4.5 The Coordinate Grid <p>HSE Achieve</p> <ul style="list-style-type: none"> • pp. 150–152 <p>Achieving TABE Success - Level D</p> <ul style="list-style-type: none"> • Locating Points on the Coordinate Plane, p. 126 <p>Achieving TABE Success - Level A</p> <ul style="list-style-type: none"> • Working with the Coordinate Plane, p. 140 <p>Number Power: Transitions Math</p> <ul style="list-style-type: none"> • pp. 65–68 <p>Number Power: Algebra</p> <ul style="list-style-type: none"> • pp. 108–111
<p>L5 Exponents and Roots</p>	<p>HSE Basics</p> <ul style="list-style-type: none"> • L8.1 Exponents • L8.2 Roots <p>HSE Achieve</p> <ul style="list-style-type: none"> • L1.3 Compute with Exponents • L1.4 Compute with Roots <p>Achieving TABE Success - Level A</p> <ul style="list-style-type: none"> • Working with Exponents and Powers, pp. 13–14 • Multiplying by Power of 10, p. 15 • Finding a Square Root, p. 16 <p>Number Power: Transitions Math</p> <ul style="list-style-type: none"> • pp. 5–12 <p>Number Power: Pre-Algebra</p> <ul style="list-style-type: none"> • pp. 144–145 <p>Number Power: Algebra</p> <ul style="list-style-type: none"> • pp. 26–31, 34–41

L6 Greatest Common Factor, Least Common Multiple, and Simplifying Fractions

HSE Basics

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HSE Achieve

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- Finding Factors to Simplify Fractions, p. 66
- Renaming Whole Numbers to Fractions, p. 67
- Renaming Improper Fractions and Mixed Numbers, p. 68

Achieving TABE Success - Level D

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- Finding Common Factors and Simplifying Fractions, p. 59

Achieving TABE Success - Level A

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- Canceling Before You Multiply, p. 61

Number Power: Transitions Math

- pp. 2–3

Number Power: Fractions, Decimals and Percents

- pp. 15–20

L7 Adding and Subtracting Fractions

HSE Basics

- L3.2 Add and Subtract Fractions

HSE Achieve

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Achieving TABE Success - Level M

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Achieving TABE Success - Level D

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- Regrouping to Subtract Fractions, p. 61
- Finding Common Denominators, p. 62
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Achieving TABE Success - Level A

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- Regrouping to Subtract Fractions, p. 57
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EMPower- Operation Sense: Even More Fractions, Decimals, and Percents

- L2 Addition- Combining
- L7 Mixing It Up

Workplace Skills- Applied Mathematics

- L5 Add Fractions, Decimals, and Percents
- L6 Add Fractions in Common Terms
- L20 Calculate with Numbers in Various Forms

Number Power: Fractions, Decimals and Percents

- pp. 22–28, 30–36, 38–39

L8 Multiplying and Dividing Fractions**HSE Basics**

- L3.3 Multiply and Divide Fractions

HSE Achieve

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EMPower- Operation Sense: Even More Fractions, Decimals, and Percents

- L4 Multiplication- Repeated Addition and Portions of Amounts
- L5 Division- Splitting and Sharing
- L6 Division- How Many in ___?
- L7 Mixing It Up

Workplace Skills- Applied Mathematics

- L7 Multiply Mixed Numbers
- L20 Calculate with Numbers in Various Forms

Number Power: Fractions, Decimals and Percents

- pp. 40–44, 46–55

L9 Decimal Operations**HSE Basics**

- L2.2 Add and Subtract Decimals
- L2.3 Multiply Decimals
- L2.4 Divide Decimals

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- p. 55

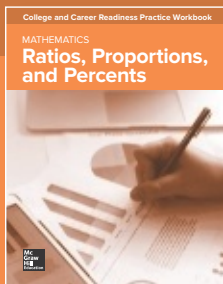
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- Dividing by a Decimal, pp. 48–49

	<p>Achieving TABE Success - Level A</p> <ul style="list-style-type: none"> • Adding Decimals, p. 36 • Subtracting Decimals, p. 37 • Multiplying Decimals, p. 38 • Dividing a Decimal by a Whole Number, p. 42 • Dividing by a Decimal, p. 43 • Writing Zeros to Continue Dividing, p. 44 <p>EMPower- Operation Sense: Even More Fractions, Decimals, and Percents</p> <ul style="list-style-type: none"> • L2 Addition- Combining • L4 Multiplication- Repeated Addition and Portions of Amounts • L5 Division- Splitting and Sharing • L6 Division- How Many in ___? • L7 Mixing It Up <p>Workplace Skills- Applied Mathematics</p> <ul style="list-style-type: none"> • L5 Add Fractions, Decimal, and Percents • L20 Calculate with Numbers in Various Forms <p>Number Power: Fractions, Decimals and Percents</p> <ul style="list-style-type: none"> • pp. 74–96
<p>L10 Scientific Notation</p>	<p>HSE Basics</p> <ul style="list-style-type: none"> • L8.3 Scientific Notation <p>HSE Achieve</p> <ul style="list-style-type: none"> • pp. 32–33 <p>Achieving TABE Success - Level A</p> <ul style="list-style-type: none"> • Writing Numbers in Scientific Notation, pp. 40–41 <p>Number Power: Transitions Math</p> <ul style="list-style-type: none"> • p. 8 <p>Number Power: Algebra</p> <ul style="list-style-type: none"> • p. 33



MATHEMATICS

Ratios, Proportions, and Percents

Use the following *High School Equivalency Basics Mathematics*, *High School Equivalency Achieve Mathematics*, *Achieving TABE Success in Mathematics*, *EMPower*, *EMPower Plus*, *Workplace Skills – Applied Mathematics* and *Number Power* resources to provide additional practice for the following *College and Career Readiness Practice Workbook: Ratios, Proportions, and Percentages* lessons.

Ratios, Proportions, and Percents Lessons

McGraw-Hill Education Resources

L1 Rates, Ratios, and Ratio Tables

HSE Basics

- L7.1 Ratios and Rates

HSE Achieve

- pp. 48–49

Achieving TABE Success - Level M

- Writing Ratios, p. 78

Achieving TABE Success - Level D

- Writing Ratios, p. 81

Achieving TABE Success - Level A

- Writing Ratios, p. 76

Workplace Skills- Applied Mathematics

- L8 Find Averages, Ratios, Proportions, and Rates

EMPower- Keeping Things in Proportion: Reasoning with Ratios

- L1 A Close Look at Supermarket Ads
- L3 Tasty Ratios

Number Power: Pre-Algebra

- pp. 44–45

Number Power: Algebra

- pp. 92–93

Number Power: Fractions, Decimals and Percents

- p. 159

L2 Finding Proportions with Models

HSE Basics

- pp. 220–221

HSE Achieve

- p. 49

Achieving TABE Success - Level D

- Finding Equal Ratios, p. 82

EMPower- Keeping Things in Proportion: Reasoning with Ratios

- L1 A Close Look at Supermarket Ads
- L2 It's a Lot of Work!
- L3 Tasty Ratios
- L5 Mona Lisa, Is That You?

<p>L3 Unit Rates</p>	<p>HSE Basics</p> <ul style="list-style-type: none"> • pp. 215, 218–219 <p>HSE Achieve</p> <ul style="list-style-type: none"> • p. 49 <p>Achieving TABE Success - Level D</p> <ul style="list-style-type: none"> • Finding a Unit Rate, p. 86 • Using Unit Rates to Make Comparison, p. 87 <p>Achieving TABE Success - Level A</p> <ul style="list-style-type: none"> • Finding a Unit Rate, p. 80 <p>Workplace Skills- Applied Mathematics</p> <ul style="list-style-type: none"> • L8 Find Averages, Ratios, Proportions, and Rates • L16 Find the Best Deal • L25 Calculate Multiple Rates <p>EMPower- Keeping Things in Proportion: Reasoning with Ratios</p> <ul style="list-style-type: none"> • L3 Tasty Ratios • L7 Comparing Walks <p>Number Power: Pre-Algebra</p> <ul style="list-style-type: none"> • pp. 46–47 <p>Number Power: Fractions, Decimals and Percents</p> <ul style="list-style-type: none"> • pp. 160–161 <p>Number Power: Analyzing Data</p> <ul style="list-style-type: none"> • pp. 22–25
<p>L4 Graphing Proportions</p>	<p>HSE Basics</p> <ul style="list-style-type: none"> • pp. 220–221 <p>EMPower- Keeping Things in Proportion: Reasoning with Ratios</p> <ul style="list-style-type: none"> • L5 Mona Lisa, Is That You?
<p>L5 Proportions and Scale Factor</p>	<p>HSE Basics</p> <ul style="list-style-type: none"> • L12.3 Scale Drawings and Measurement <p>HSE Achieve</p> <ul style="list-style-type: none"> • p. 51 <p>EMPower- Keeping Things in Proportion: Reasoning with Ratios</p> <ul style="list-style-type: none"> • L5 Mona Lisa, Is That You? <p>EMPower- Everyday Number Sense: Mental Math and Visual Models</p> <ul style="list-style-type: none"> • L11 String It Along <p>EMPower Plus- Everyday Number Sense: Mental Math and Visual Models</p> <ul style="list-style-type: none"> • L13 String It Along

L6 Proportional Relationships**HSE Basics**

- pp. 220–221

HSE Achieve

- pp. 49–50

Achieving TABE Success - Level M

- Recognizing a Proportion, p. 79
- Writing a Proportion, p. 80

Achieving TABE Success - Level D

- Identifying Proportions, p. 83
- Writing a Proportion, p. 84

Achieving TABE Success - Level A

- Identifying a Proportion, p. 77
- Writing a Proportion, p. 78

Workplace Skills- Applied Mathematics

- L29 Use Complex Ratios and Proportions

EMPower- Keeping Things in Proportion: Reasoning with Ratios

- L1 A Close Look at Supermarket Ads

Number Power: Algebra

- pp. 94–95

Number Power: Pre-Algebra

- pp. 48–49

L7 Solving Proportions**HSE Basics**

- L7.3 Solve Proportions

HSE Achieve

- p. 50

Achieving TABE Success - Level M

- Solving a Proportion, p. 81

Achieving TABE Success - Level D

- Using Cross Products to Solve a Proportion, p. 85

Achieving TABE Success - Level A

- Finding the Missing Term in a Proportion, p. 79
- Using Proportion to Solve Word Problems, p. 81

Workplace Skills- Applied Mathematics

- L8 Find Averages, Ratios, Proportions, and Rates
- L16 Find the Best Deal

EMPower- Keeping Things in Proportion: Reasoning with Ratios

- L8 Playing With the Numbers

Number Power: Pre-Algebra

- pp. 50–51, 186–189

Number Power: Algebra

- pp. 96–97

<p>L8 Proportions and Percentages</p>	<p>HSE Basics</p> <ul style="list-style-type: none"> • pp. 238–239 • L7.4 Introduction to Percents <p>HSE Achieve</p> <ul style="list-style-type: none"> • p. 56 <p>Achieving TABE Success - Level D</p> <ul style="list-style-type: none"> • Seeing Percent as a Part to Whole Relationship, p. 93 <p>Achieving TABE Success - Level A</p> <ul style="list-style-type: none"> • Seeing Percent as a Part to Whole Relationship, p. 87 <p>Workplace Skills- Applied Mathematics</p> <ul style="list-style-type: none"> • L29 Use Complex Ratios and Proportions <p>EMPower- Keeping Things in Proportion: Reasoning with Ratios</p> <ul style="list-style-type: none"> • L4 Another Way to Say It <p>Number Power: Fractions, Decimals and Percents</p> <ul style="list-style-type: none"> • p. 101
<p>L9 Mental Math and Percentages</p>	<p>HSE Basics</p> <ul style="list-style-type: none"> • p. 343 <p>HSE Achieve</p> <ul style="list-style-type: none"> • p. 54 <p>Achieving TABE Success - Level D</p> <ul style="list-style-type: none"> • Understanding Percent, p. 88 <p>Achieving TABE Success - Level A</p> <ul style="list-style-type: none"> • Understanding Percent, p. 82 <p>EMPower- Keeping Things in Proportion: Reasoning with Ratios</p> <ul style="list-style-type: none"> • L10 As If It Were 100 <p>EMPower-Split It Up: More Fractions, Decimals and Percents</p> <ul style="list-style-type: none"> • L3 One Percent of What? • L5 Fold and Figure <p>Number Power: Fractions, Decimals and Percents</p> <ul style="list-style-type: none"> • pp. 106, 109, 111
<p>L10 Percentage Equations</p>	<p>HSE Basics</p> <ul style="list-style-type: none"> • L7.5 Solve Percent Problems <p>HSE Achieve</p> <ul style="list-style-type: none"> • pp. 56–57 <p>Achieving TABE Success - Level D</p> <ul style="list-style-type: none"> • Finding a Percent of a Number, p. 91 • Solving Three Types of Problems, p. 94 <p>Achieving TABE Success - Level A</p> <ul style="list-style-type: none"> • Solving Three Types of Problems, pp. 88–89 • Writing a Percent Problem as an Equation, p. 90 <p>Number Power: Fractions, Decimals and Percents</p> <ul style="list-style-type: none"> • pp. 113–124

L11 Use Percentages in the Real World**HSE Basics**

- L7.6 Use Percents in the Real World

HSE Achieve

- pp. 57–59

Achieving TABE Success in Mathematics- Level D

- Using Ratio and Percent to Solve Word Problems, p. 96

Achieving TABE Success in Mathematics- Level A

- Using Percent to Solve Word Problems, p. 91

Workplace Skills- Applied Mathematics

- L28 Find the Best Deal Among Several Choices

EMPower- Keeping Things in Proportion: Reasoning with Ratios

- L4 Another Way to Say It

EMPower-Split It Up: More Fractions, Decimals and Percents

- L6 Give Me a Third
- L8 Where's the Fat?

Number Power: Fractions, Decimals and Percents

- pp. 156–157

L12 Percent Change and Simple Interest**HSE Basics**

- L7.6 Use Percents in the Real World

HSE Achieve

- pp. 57–59

Achieving TABE Success - Level D

- Adding or Subtracting a Percent of the Whole, p. 92

Workplace Skills- Applied Mathematics

- L17 Calculate Prices with Discounts or Markups

EMPower- Split It Up: More Fractions, Decimals and Percents

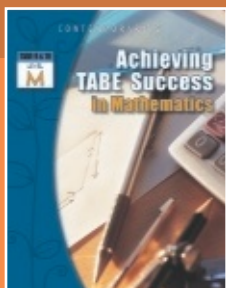
- L4 Taxes, Taxes, Taxes

Number Power: Algebra

- pp. 176–179

Number Power: Fractions, Decimals and Percents

- pp. 150–155



Mathematics

Use these *College and Career Readiness (CCR) Practice Workbooks: Number Concepts, Basic Algebra, Intermediate Algebra, Ratios, Proportions and Percents, Data Analysis and Probability and Geometry and Measurement* lessons to provide additional practice for the following *Achieving TABE Success (ATS) in Mathematics (Level M)* lessons.

ATS in Mathematics Lesson	CCR Practice Workbooks
The Number System	
Comparing Whole Numbers	NC L2 Comparing and Ordering Rational Numbers
Addition	
Adding Three or More Numbers	NC L3 Integer Operations
Writing Numbers in Columns to Add	NC L3 Integer Operations
Regrouping in Addition	NC L3 Integer Operations
Reviewing Addition Concepts	BA L3 Properties
Subtraction	
Regrouping in Subtraction	NC L3 Integer Operations
Reviewing Subtraction Concepts	BA L3 Properties
Writing Numbers in Columns to Subtract	NC L3 Integer Operations
Multiplication	
Multiplying by a One-Digit Factor	NC L3 Integer Operations
Regrouping When You Multiply	NC L3 Integer Operations
Reviewing Basic Multiplication Concepts	BA L3 Properties
Understanding Multiples	NC L6 Greatest Common Factor, Least Common Multiple, and Simplifying Fractions
Division	
Dividing by a Two-Digit Divisor	NC L3 Integer Operations
Dividing Greater Amounts	NC L3 Integer Operations
Diving by a One-Digit Divisor	NC L3 Integer Operations
Finding a Remainder	NC L3 Integer Operations
Regrouping After You Begin to Divide	NC L3 Integer Operations
Reviewing Basic Division Concepts	BA L3 Properties
Reviewing Basic Division Facts	BA L3 Properties
Using Long Division	NC L3 Integer Operations

The following abbreviations represent each of the following CCR Practice Workbooks in the table

KEY: **BA** = Basic Algebra **DAP** = Data Analysis and Probability **GM** = Geometry and Measurement **IA** = Intermediate Algebra
NC = Number Concepts **RPP** = Ratios, Proportions, and Percents

Fractions	
Adding and Subtracting Fractions	NC L7 Adding and Subtracting Fractions
Canceling Fractions before Multiplying	NC L8 Multiplying and Dividing Fractions
Comparing Fractions	NC L2 Comparing and Ordering Rational Numbers
Finding Factors to Simplify Fractions	NC L6 Greatest Common Factor, Least Common Multiple, and Simplifying Fractions
Multiplying Fractions	NC L8 Multiplying and Dividing Fractions
Recognizing a Proportion	RPP L6 Proportional Relationships
Renaming Improper Fractions and Mixed Numbers	NC L6 Greatest Common Factor, Least Common Multiple, and Simplifying Fractions
Renaming Whole Numbers to Fractions	NC L6 Greatest Common Factor, Least Common Multiple, and Simplifying Fractions
Solving a Proportion	RPP L7 Solving Proportions
Writing a Proportion	RPP L6 Proportional Relationships
Writing Ratios	RPP L1 Rates, Ratios, and Ratio Tables
Decimals	
Adding Decimals	NC L9 Decimal Operations
Comparing Decimal Numbers	NC L2 Comparing and Ordering Rational Numbers
Multiplying Decimals	NC L9 Decimal Operations
Subtracting Decimals	NC L9 Decimal Operations
Data Analysis	
Finding Mean, Median, and Mode	DAP L1 Measures of Central Tendency
Reading a Bar Graph	DAP L3 Displaying Data I
Reading a Circle Graph	DAP L3 Displaying Data I
Reading a Double Bar Graph	DAP L3 Displaying Data I
Reading a Line Graph	DAP L8 Displaying Two-Variable Data
Reading a Table	DAP L8 Displaying Two-Variable Data
Understanding Probability	DAP L11 Determine Probability
Using a Price List	DAP L8 Displaying Two-Variable Data
Using Numbers in a Table	DAP L8 Displaying Two-Variable Data
Working with Graphs	DAP L3 Displaying Data I

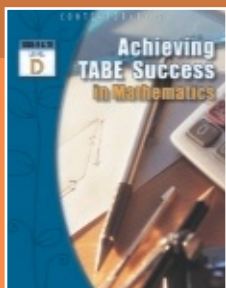
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Algebra	
Evaluating Expressions	BA L4 Evaluating Expressions
Reviewing Basic Number Properties	BA L3 Properties
Using Equations	L1 Writing Linear Equations BA L9 Writing Equations
Working with Functions	BA L11 Functions
Writing Algebraic Expressions	BA L1 Translating Variable Expressions BA L5 Equivalent Expressions
Measurement	
Choosing an Appropriate Unit of Measure	GM L1 Measuring and Converting Units
Converting Units Within the Customary System	GM L1 Measuring and Converting Units
Converting Units Within the Metric System	GM L1 Measuring and Converting Units
Finding Area	GM L4 Perimeter and Area of Polygons
Finding Perimeter	GM L4 Perimeter and Area of Polygons
Understanding Measurement	GM L1 Measuring and Converting Units
Geometry	
Investigating Lines	GM L2 Angles, Parallel lines, Transversals
Naming Angles	GM L2 Angles, Parallel lines, Transversals
Naming Points, Line, Line Segments, and Rays	GM L2 Angles, Parallel lines, Transversals
Recognizing Congruent Figures	GM L9 Similar and Congruent Polygons
Recognizing Similar Figures	GM L9 Similar and Congruent Polygons

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Mathematics

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ATS in Mathematics Lesson	CCR Practice Workbooks
The Number System	
Comparing Whole Numbers	NC L2 Comparing and Ordering Rational Numbers
Computation with Whole Numbers	
Reviewing Addition	BA L3 Properties Working with Functions
Reviewing Multiplication	NC L6 Greatest Common Factor, Least Common Multiple, and Simplifying Fractions
	BA L3 Properties
Decimals	
Adding Decimals	NC L9 Decimal Operations
Comparing Decimals	NC L2 Comparing and Ordering Rational Numbers
Dividing a Decimal by a Whole Number	NC L9 Decimal Operations
Dividing by a Decimal	NC L9 Decimal Operations
Multiplying Decimals	NC L9 Decimal Operations
Subtracting Decimals	NC L9 Decimal Operations
Fractions	
Adding and Subtracting Fractions with Like Denominators	NC L7 Adding and Subtracting Fractions
Adding and Subtracting Fractions with Unlike Denominators	NC L7 Adding and Subtracting Fractions
Canceling Before Multiplying Fractions	NC L8 Multiplying and Dividing Fractions
Comparing and Ordering Unlike Fractions	NC L2 Comparing and Ordering Rational Numbers
Comparing Fractions	NC L2 Comparing and Ordering Rational Numbers
Dividing Fractions	NC L8 Multiplying and Dividing Fractions
Dividing with Whole Numbers or Mixed Numbers	NC L8 Multiplying and Dividing Fractions
Finding Common Denominators	NC L7 Adding and Subtracting Fractions
Finding Common Factors and Simplifying Fractions	NC L6 Greatest Common Factor, Least Common Multiple, and Simplifying Fractions

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Finding Reciprocals	NC L8 Multiplying and Dividing Fractions
Multiplying Fractions	NC L8 Multiplying and Dividing Fractions
Regrouping to Subtract Fractions	NC L7 Adding and Subtracting Fractions
Integers	
Adding with Integers	NC L3 Integer Operations
Multiplying and Dividing with Integers	NC L3 Integer Operations
Subtracting with Integers	NC L3 Integer Operations
Understanding Integers	NC L1 The Real Number System, Integers, and Absolute Value
Working with Absolute Value	NC L1 The Real Number System, Integers, and Absolute Value
Ratio, Proportion, and Percent	
Adding or Subtracting a Percent of the Whole	RPP L12 Percent Change and Simple Interest
Finding a Percent of a Number	RPP L10 Percentage Equations
Finding a Unit Rate	RPP L3 Unit Rates
Finding Equal Ratios	RPP L2 Finding Proportions with Models
Identifying Proportions	RPP L6 Proportional Relationships
Seeing Percent as a Part to Whole Relationship	RPP L8 Proportions and Percentages
Solving Three Types of Problems	RPP L10 Percentage Equations
Understanding Percent	RPP L9 Mental Math and Percentages
Using Cross Products to Solve a Proportion	RPP L7 Solving Proportions
Using Ratio and Percent to Solve Word Problems	RPP L11 Use Percentages in the Real World
Using Unit Rates to Make Comparison	RPP L3 Unit Rates
Writing a Proportion	RPP L6 Proportional Relationships
Writing Ratios	RPP L1 Rates, Ratios, and Ratio Tables
Algebra	
Evaluating Expressions	BA L4 Evaluating Expressions
Interpreting Expressions and Equations	BA L1 Translating Variable Expressions BA L5 Equivalent Expressions BA L9 Writing Equations
Reviewing Basic Properties of Number	BA L3 Properties
Solving Equations	BA L6 Solving Two-Step Equations

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ATS in Mathematics Lesson
CCR Practice Workbooks

Solving Inequalities	BA L14 Solving One- Variable Inequalities
Using Equations to Solve Word Problems	IA L1 Writing Linear Equations
	BA L9 Writing Equations
Using Variables to Write Expressions	BA L1 Translating Variable Expressions
Working with Functions	BA L11 Functions
Writing Equations and Inequalities	IA L1 Writing Linear Equations
	BA L9 Writing Equations
Geometry	
Distinguishing Among Transformations	GM L7 Transformations
Drawing Diagonals in a Polygon	GM L2 Angles, Parallel lines, Transversals
Locating Points on the Coordinate Plane	NC L4 The Coordinate Grid
Recognizing Relationships of Lines	GM L2 Angles, Parallel lines, Transversals
Recognizing Similarity and Congruence	GM L9 Similar and Congruent Polygons
Recognizing Types of Angles	GM L2 Angles, Parallel lines, Transversals
Working with Three-Dimensional Figures	GM L10 Surface Area
Measurement	
Comparing Customary and Metric Units	GM L1 Measuring and Converting Units
Converting Units Within the Customary System	GM L1 Measuring and Converting Units
Converting Units Within the Metric System	GM L1 Measuring and Converting Units
Finding Area of Squares and Rectangles	GM L4 Perimeter and Area of Polygons
Finding Circumference	GM L5 Circumference and Area of a Circle
Finding Perimeter	GM L4 Perimeter and Area of Polygons
Finding Surface Area	GM L10 Surface Area
Finding the Area of a Circle	GM L5 Circumference and Area of a Circle
Finding the Area of a Triangle	GM L4 Perimeter and Area of Polygons
Finding Volume	GM L11 Volume
Measuring to a Fractions of an inch	GM L1 Measuring and Converting Units
Reviewing Customary Units of Measure	GM L1 Measuring and Converting Units
Reviewing Metric Units of Measure	GM L1 Measuring and Converting Units
Using a Customary Ruler	GM L1 Measuring and Converting Units

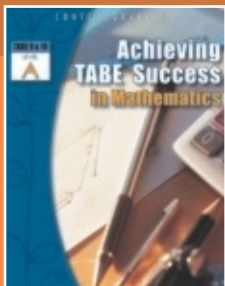
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Probability, Data and Statistics	
Finding Mean, Median, and Mode	RPP L1 Measures of Central Tendency
Finding the Numbers Represented in a Circle Graph	RPP L3 Displaying Data I
Gathering Data for a Survey	RPP L7 Sampling and Comparing Populations
Interpreting Information in Tables	RPP L8 Displaying Two-Variable Data
Investigating Probability	RPP L11 Determine Probability
Reading a Bar Graph	RPP L3 Displaying Data I
Reading a Circle Graph	RPP L3 Displaying Data I
Reading a Line Graph	RPP L8 Displaying Two-Variable Data
Reading a Table	RPP L8 Displaying Two-Variable Data
Understanding Data in Bar Graphs	RPP L3 Displaying Data I
Using a Price List	RPP L8 Displaying Two-Variable Data
Using Tables to Make Comparisons	RPP L8 Displaying Two-Variable Data

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Mathematics

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ATS in Mathematics Lesson	CCR Practice Workbooks
Whole Numbers	
Finding a Square Root	NC L5 Exponents and Roots
	IA L7 Radicals
Following Order of Operations	BA L2 Order of Operations
	BA L5 Equivalent Expressions
Multiplying by Power of 10	NC L5 Exponents and Roots
	IA L5 Exponents
Reviewing Basic Addition Facts	BA L3 Properties
Reviewing Basic Multiplication Facts	BA L3 Properties
Working with Exponents and Powers	NC L5 Exponents and Roots
	IA L5 Exponents
Decimals	
Adding Decimals	NC L9 Decimal Operations
Comparing and Ordering Decimals	NC L2 Comparing and Ordering Rational Numbers
Dividing a Decimal by a Whole Number	NC L9 Decimal Operations
Dividing by a Decimal	NC L9 Decimal Operations
Multiplying Decimals	NC L9 Decimal Operations
Subtracting Decimals	NC L9 Decimal Operations
Writing Numbers in Scientific Notation	NC L10 Scientific Notation
Writing Zeros to Continue Dividing	NC L9 Decimal Operations
Fractions	
Adding and Subtracting Like Fractions	NC L7 Adding and Subtracting Fractions
Adding and Subtracting Unlike Fractions	NC L7 Adding and Subtracting Fractions
Canceling Before You Multiply	NC L6 Greatest Common Factor, Least Common Multiple, and Simplifying Fractions
	NC L8 Multiplying and Dividing Fractions
Comparing and Ordering Fractions	NC L2 Comparing and Ordering Rational Numbers

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ATS in Mathematics Lesson
CCR Practice Workbooks

Dividing Fractions	NC L8 Multiplying and Dividing Fractions
Dividing to Find a Fraction of a Number	NC L8 Multiplying and Dividing Fractions
Finding Equivalent Fractions	NC L6 Greatest Common Factor, Least Common Multiple, and Simplifying Fractions
Multiplying Fractions	NC L8 Multiplying and Dividing Fractions
Multiplying Mixed Numbers	NC L8 Multiplying and Dividing Fractions
Regrouping to Subtract Fractions	NC L7 Adding and Subtracting Fractions
Integers	
Adding Integers	NC L3 Integer Operations
Multiplying and Dividing Integers	NC L3 Integer Operations
Reviewing Positive and Negative Numbers	NC L1 The Real Number System, Integers, and Absolute Value
Subtracting Integers	NC L3 Integer Operations
Working with Absolute Value	NC L1 The Real Number System, Integers, and Absolute Value
Ratio, Proportion, and Percent	
Finding a Unit Rate	RPP L3 Unit Rates
Finding the Missing Term in a Proportion	RPP L7 Solving Proportions
Identifying a Proportion	RPP L6 Proportional Relationships
Seeing Percent as a Part to Whole Relationship	RPP L8 Proportions and Percentages
Solving Three Types of Problems	RPP L10 Percentage Equations
Understanding Percent	RPP L9 Mental Math and Percentages
Using Percent to Solve Word Problems	RPP L11 Use Percentages in the Real World
Using Proportion to Solve Word Problems	RPP L7 Solving Proportions
Writing a Percent Problem as an Equation	RPP L10 Percentage Equations
Writing a Proportion	RPP L6 Proportional Relationships
Writing Ratios	RPP L1 Rates, Ratios, and Ratio Tables
Probability, Statistics, and Data Analysis	
Finding Mean, Median, and Mode	DAP L1 Measures of Central Tendency
Finding Percent of Change in a Graph	DAP L3 Displaying Data I
Gathering Data for a Survey	DAP L7 Sampling and Comparing Populations
Identifying Trends and Making Predictions	DAP L8 Displaying Two-Variable Data
Investigating Probability	DAP L11 Determine Probability

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Reading a Bar Graph	DAP L3 Displaying Data I
Reading a Circle Graph	DAP L3 Displaying Data I
Reading a Complex Table or Chart	DAP L8 Displaying Two-Variable Data
Reading a Double Bar Graph	DAP L3 Displaying Data I
Reading a Line Graph	DAP L8 Displaying Two-Variable Data
Reading a Table	DAP L8 Displaying Two-Variable Data
Algebra	
Combining Terms	IA L8 Adding and Subtracting Rational Expressions
	IA L9 Multiplying Rational Expressions
	IA L16 Simplifying and Dividing Rational Expressions
	BA L7 Combining Like Terms
Evaluating Algebraic Expressions	BA L4 Evaluating Expressions
Simplifying Equations that Contain Fractions	BA L8 Solving Multi-Step Equations
Solving Equations with More than One Step	BA L6 Solving Two-Step Equations
	BA L8 Solving Multi-Step Equations
Solving Inequalities	BA L14 Solving One- Variable Inequalities
Using Equations to Solve Word Problems	IA L1 Writing Linear Equations
	BA L9 Writing Equations
Using Formulas	BA L10 Solving for a Variable/Rearranging Formulas
Using the Distributive Property to Solve Word Problems	BA L8 Solving Multi-Step Equations
Using Variables in Algebraic Expressions	BA L1 Translating Variable Expressions
Working with Functions	BA L11 Functions
Writing Algebraic Equations and Inequalities	IA L1 Writing Linear Equations
	BA L9 Writing Equations
Geometry	
Classifying Angles	GM L2 Angles, Parallel lines, Transversals
Recognizing Corresponding Angles	GM L2 Angles, Parallel lines, Transversals
Recognizing Relationships Between Lines	GM L2 Angles, Parallel lines, Transversals
Understanding Transformations	GM L7 Transformations
Using Angle Relationships	GM L2 Angles, Parallel lines, Transversals

The following abbreviations represent each of the following CCR Practice Workbooks in the table

KEY: **BA** = Basic Algebra **DAP** = Data Analysis and Probability **GM** = Geometry and Measurement **IA** = Intermediate Algebra
NC = Number Concepts **RPP** = Ratios, Proportions, and Percents

Using Pythagorean Theorem	GM L3 Pythagorean Theorem
Working with the Coordinate Plane	NC L4 The Coordinate Grid
Measurement	
Converting Between Customary and Metric Units	GM L1 Measuring and Converting Units
Converting Units Within the Customary System	GM L1 Measuring and Converting Units
Converting Units Within the Metric System	GM L1 Measuring and Converting Units
Finding Area	GM L4 Perimeter and Area of Polygons GM L5 Circumference and Area of a Circle
Finding Circumference	GM L5 Circumference and Area of a Circle
Finding Perimeter	GM L4 Perimeter and Area of Polygons GM L6 Area and Perimeter of Composite Shapes
Finding Volume	GM L11 Volume
Reviewing Customary Units of Measure	GM L1 Measuring and Converting Units
Reviewing the Metric System	GM L1 Measuring and Converting Units
Using a Ruler	GM L1 Measuring and Converting Units

The following abbreviations represent each of the following CCR Practice Workbooks in the table

KEY: **BA** = Basic Algebra **DAP** = Data Analysis and Probability **GM** = Geometry and Measurement **IA** = Intermediate Algebra
NC = Number Concepts **RPP** = Ratios, Proportions, and Percents



Mathematics

Use these *College and Career Readiness (CCR) Practice Workbooks: Ratios, Proportions and Percents* and *Geometry and Measurement* lessons to provide additional practice for the following *EMPower-Keeping Things In Proportion: Reasoning with Ratios* lessons.

EMPower Lesson	CCR Practice Workbooks
L1 A Close Look at Supermarket Ads	RPP L1 Rates, Ratios, and Ratio Tables RPP L2 Finding Proportions with Models RPP L6 Proportional Relationships
L2 It's a Lot of Work!	RPP L2 Finding Proportions with Models
L3 Tasty Ratios	RPP L1 Rates, Ratios, and Ratio Tables RPP L2 Finding Proportions with Models RPP L3 Unit Rates
L4 Another Way to Say It	RPP L8 Proportions and Percentages RPP L11 Use Percentages in the Real World
L5 Mona Lisa, Is That You?	RPP L2 Finding Proportions with Models RPP L4 Graphing Proportions RPP L5 Proportions and Scale Factor
	GM L8 Scale Drawings and Measurement
L6 Redesigning Your Calculator	GM L9 Similar and Congruent Polygons
L7 Comparing Walks	RPP L3 Unit Rates
L8 Playing With the Numbers	RPP L7 Solving Proportions
L10 As If It Were 100	RPP L9 Mental Math and Percentages

The following abbreviations represent each of the following CCR Practice Workbooks in the table

KEY: **GM** = Geometry and Measurement **RPP** = Ratios, Proportions, and Percents



Mathematics

Use these *College and Career Readiness (CCR) Practice Workbooks: Basic Algebra and Geometry and Measurement* lessons to provide additional practice for the following *EMPower-Over, Around, and Within: Geometry and Measurement* lessons.

EMPower Lesson	CCR Practice Workbooks
L2 Get It Right	GM L2 Angles, Parallel lines, Transversals
L3 Get It Straight	GM L2 Angles, Parallel lines, Transversals
L4 Giant Size	GM L4 Perimeter and Area of Polygons GM L9 Similar and Congruent Polygons
L5 Line Up by Size	GM L4 Perimeter and Area of Polygons
L6 Combing Rectangles	GM L4 Perimeter and Area of Polygons GM L6 Area and Perimeter of Composite Shapes
L7 Disappearing Grid Lines	GM L4 Perimeter and Area of Polygons BA L10 Solving for a Variable/Rearranging Formulas
L8 Conversion Experiences	GM L1 Measuring and Converting Units
L9 Squarely in English	GM L1 Measuring and Converting Units
L10 Scale Down	GM L8 Scale Drawings and Measurement
L11 Filling the Room	GM L11 Volume
L12 Cheese Cubes, Anyone?	GM L11 Volume
L13 On the Surface	GM L10 Surface Area

The following abbreviations represent each of the following CCR Practice Workbooks in the table

KEY: GM = Geometry and Measurement BA = Basic Algebra



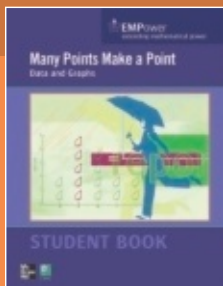
Mathematics

Use these *College and Career Readiness (CCR) Practice Workbooks: Basic Algebra, Geometry and Measurement, and Intermediate Algebra* lessons to provide additional practice for the following EMPOWER-Seeking Patterns, Building Rules: Algebraic Thinking lessons.

EMPower Lesson	CCR Practice Workbooks
L1 Guess My Rule	BA L9 Writing Equations
	IA L1 Writing Linear Equations
L6 Circle Patterns	GM L5 Circumference and Area of a Circle
L7 What Is the Message?	BA L5 Equivalent Expressions
	BA L9 Writing Equations
	IA L1 Writing Linear Equations
L10 Signs of Change	BA L12 Rate of Change and Slope
L11 Rising Gas Prices	BA L12 Rate of Change and Slope
	IA L5 Exponents

The following abbreviations represent each of the following CCR Practice Workbooks in the table

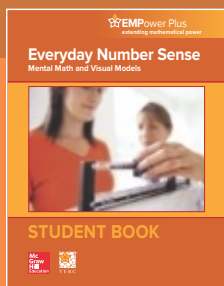
KEY: **GM** = Geometry and Measurement **BA** = Basic Algebra **IA** = Intermediate Algebra



Mathematics

Use these *College and Career Readiness (CCR) Practice Workbook: Data Analysis and Probability* lessons to provide additional practice for the following *EMPower- Many Points Make a Point: Data and Graphs* lessons.

EMPower Lesson	CCR Practice Workbooks
L1 Countries in Our Closets	L8 Displaying Two-Variable Data
L2 Most of Us Eat	L7 Sampling and Comparing Populations
L3 Displaying Data in a New Way	L3 Displaying Data I
L4 A Closer Look at Circle Graphs	L4 Displaying Data II
L5 Sketch This	L3 Displaying Data I
L6 Roller-Coaster Rides	L8 Displaying Two-Variable Data
L7 A Mean Idea	L1 Measures of Central Tendency
L8 Mystery Cities	L8 Displaying Two-Variable Data
L9 Median	L1 Measures of Central Tendency
L10 Stock Prices	L3 Displaying Data I



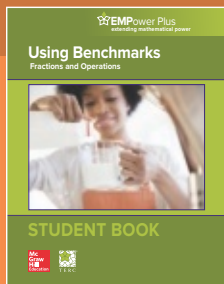
Mathematics

Use these *College and Career Readiness (CCR) Practice Workbooks: Ratios, Proportions and Percents, Number Concepts, Basic Algebra and Intermediate Algebra* lessons to provide additional practice for the following *EMPowerPlus-Everyday Number Sense: Mental Math and Visual Models* lessons.

EMPowerPlus Lesson	CCR Practice Workbooks
L3 Traveling with Numbers	NC L2 Comparing and Ordering Rational Numbers
L5 Meanings and Methods for Subtraction	NC L3 Integer Operations
L6 Extending the Line	NC L2 Comparing and Ordering Rational Numbers
L9 Patterns and Order	BA L2 Order of Operations
L10 Picture This	BA L1 Translating Variable Expressions
	BA L5 Equivalent Expressions
L11 What's the Story?	BA L9 Writing Equations
	IA L5 Exponents
L13 String It Along	RPP L5 Proportions and Scale Factor

The following abbreviations represent each of the following CCR Practice Workbooks in the table

KEY: **NC** = Number Concepts **RPP** = Ratios, Proportions, and Percents **BA** = Basic Algebra **IA** = Intermediate Algebra



Mathematics

Use these *College and Career Readiness (CCR) Practice Workbook: Number Concepts* lessons to provide additional practice for the following *EMPowerPlus- Using Benchmarks: Fractions and Operations* lessons.

EMPowerPlus Lesson

CCR Practice Workbooks

L6 Equal Measures	L2 Comparing and Ordering Rational Numbers
L7 Visualizing and Estimating Sums and Differences	L2 Comparing and Ordering Rational Numbers



Mathematics

Use these *College and Career Readiness (CCR) Practice Workbooks: Number Concepts, Basic Algebra, Intermediate Algebra, Ratios, Proportions and Percents, Data Analysis and Probability and Geometry and Measurement* lessons to provide additional practice for the following *High School Equivalency Basics Mathematics* lessons.

HSE Basics Lesson	CCR Practice Workbooks
L1.1 Place Value	NC L2 Comparing and Ordering Rational Numbers
L1.4 Factoring	BA L3 Properties
	NC L6 Greatest Common Factor, Least Common Multiple, and Simplifying Fractions
L1.6 Arithmetic Expressions	BA L2 Order of Operations
L2.1 Introduction to Decimals	NC L2 Comparing and Ordering Rational Numbers
L2.2 Add and Subtract Decimals	NC L9 Decimal Operations
L2.3 Multiply Decimals	NC L9 Decimal Operations
L2.4 Divide Decimals	NC L9 Decimal Operations
L3.1 Introduction to Fractions	NC L2 Comparing and Ordering Rational Numbers
	NC L6 Greatest Common Factor, Least Common Multiple, and Simplifying Fractions
L3.2 Add and Subtract Fractions	NC L7 Adding and Subtracting Fractions
L3.3 Multiply and Divide Fractions	NC L8 Multiplying and Dividing Fractions
L4.1 Introduction to Integers and Absolute Value	NC L1 The Real Number System, Integers, and Absolute Value
	NC L2 Comparing and Ordering Rational Numbers
L4.2 Add Integers	NC L3 Integer Operations
L4.3 Subtract Integers	NC L3 Integer Operations
L4.4 Multiply and Divide Integers	NC L3 Integer Operations
L4.5 The Coordinate Grid	NC L4 The Coordinate Grid
L5.1 Expressions	BA L1 Translating Variable Expressions
	BA L4 Evaluating Expressions
L5.2 Solve One-Step Equations	BA L3 Properties
	BA L9 Writing Equations
	BA L3 Properties
	BA L4 Evaluating Expressions
	BA L6 Solving Two-Step Equations
	BA L9 Writing Equations

The following abbreviations represent each of the following CCR Practice Workbooks in the table

KEY: NC = Number Concepts BA = Basic Algebra IA = Intermediate Algebra RPP = Ratios, Proportions and Percents
DAP = Data Analysis and Probability GM = Geometry and Measurement

HSE Basics Lesson
CCR Practice Workbooks

L5.4 Solve One- and Two-Step Inequalities	BA L14 Solving One- Variable Inequalities
L5.5 Identify Patterns	BA L1 Translating Variable Expressions
L6.1 Linear Equations	BA L12 Rate of Change and Slope
	IA L1 Writing Linear Equations
L6.2 Graphing Linear Equations	BA L12 Rate of Change and Slope
	IA L1 Writing Linear Equations
L6.3 Pairs of Linear Equations	IA L2 Solving Systems of Equations by Graphing IA L3 Solving Systems of Equations Using Substitution and Elimination
L6.4 Scatter Plots	IA L10 Interpreting Quadratic Equation Graphs
L6.5 Functions	BA L11 Functions
	BA L13 Graphing Linear Functions
	IA L6 Graphing Exponential Functions
L7.1 Ratios and Rates	RPP L1 Rates, Ratios, and Ratio Tables
	RPP L3 Unit Rates
L7.2 Unit Rates and Proportional Relationships	RPP L2 Finding Proportions with Models
	RPP L3 Unit Rates
	RPP L4 Graphing Proportions
	RPP L6 Proportional Relationships
L7.3 Solve Proportions	RPP L7 Solving Proportions
L7.4 Introduction to Percents	RPP L8 Proportions and Percentages
L7.5 Solve Percent Problems	RPP L8 Proportions and Percentages
	RPP L10 Percentage Equations
L7.6 Use Percents in the Real World	RPP L11 Use Percentages in the Real World
	RPP L12 Percent Change and Simple Interest
L8.1 Exponents	BA L2 Order of Operations
	BA L4 Evaluating Expressions
	IA L5 Exponents
	NC L5 Exponents and Roots
L8.2 Roots	IA L7 Radicals
	NC L5 Exponents and Roots
L8.3 Scientific Notation	NC L10 Scientific Notation
L9.1 Measures of Central Tendency and Range	DAP L1 Measures of Central Tendency
	DAP L3 Displaying Data I

The following abbreviations represent each of the following CCR Practice Workbooks in the table

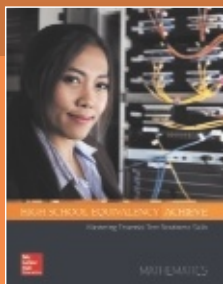
KEY: **NC** = Number Concepts **BA** = Basic Algebra **IA** = Intermediate Algebra **RPP** = Ratios, Proportions and Percents
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HSE Basics Lesson
CCR Practice Workbooks

L9.2 Graphs and Line Plots	DAP L2 Box Plots DAP L4 Displaying Data II DAP L8 Displaying Two-Variable Data
L10.1 Counting Methods	DAP L10 Counting Techniques
L10.2 Introduction to Probability	DAP L11 Determine Probability
L10.3 Compound Events	DAP L11 Determine Probability
L11.1 Customary Units	GM L1 Measuring and Converting Units
L11.2 Metric Units	GM L1 Measuring and Converting Units
L12.1 Geometric Figures	GM L2 Angles, Parallel lines, Transversals
L12.2 Perimeter and Circumference	GM L4 Perimeter and Area of Polygons GM L5 Circumference and Area of a Circle
L12.3 Scale Drawings and Measurement	GM L6 Area and Perimeter of Composite Shapes GM L8 Scale Drawings and Measurement
	RPP L5 Proportions and Scale Factor RPP L9 Mental Math and Percentages
L12.4 Area	GM L4 Perimeter and Area of Polygons GM L5 Circumference and Area of a Circle GM L6 Area and Perimeter of Composite Shapes
L12.5 Pythagorean Theorem	BA L10 Solving for a Variable/Rearranging Formulas
	GM L3 Pythagorean Theorem
	IA L13 Solving Quadratics by Roots and Completing the Square
L12.6 Geometric Solids and Volume	GM L11 Volume
L12.7 Volume of Cones, Cylinders, and Spheres	GM L11 Volume

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Mathematics

Use these *College and Career Readiness (CCR) Practice Workbooks: Number Concepts, Basic Algebra, Intermediate Algebra, Ratios, Proportions and Percents, Data Analysis and Probability and Geometry and Measurement* lessons to provide additional practice for the following *High School Equivalency Achieve Mathematics* lessons.

HSE Achieve Lesson	CCR Practice Workbooks
L1.1 Order Rational Numbers on a Number Line	NC L1 The Real Number System, Integers, and Absolute Value NC L2 Comparing and Ordering Rational Numbers
L1.2 Apply Number Properties	BA L2 Order of Operations BA L3 Properties BA L5 Equivalent Expressions NC L3 Integer Operations NC L6 Greatest Common Factor, Least Common Multiple, and Simplifying Fractions NC L7 Adding and Subtracting Fractions
L1.3 Compute with Exponents	BA L3 Properties IA L5 Exponents NC L5 Exponents and Roots NC L10 Scientific Notation
L1.4 Compute with Roots	IA L5 Exponents IA L7 Radicals NC L5 Exponents and Roots
L2.1 Apply Ratio and Proportions	GM L8 Scale Drawings and Measurement GM L9 Similar and Congruent Polygons RPP L1 Rates, Ratios, and Ratio Tables RPP L2 Finding Proportions with Models RPP L3 Unit Rates RPP L5 Proportions and Scale Factor RPP L6 Proportional Relationships RPP L7 Solving Proportions
L2.2 Calculate Real-World Percents	NC L9 Decimal Operations RPP L8 Proportions and Percentages RPP L9 Mental Math and Percentages RPP L10 Percentage Equations RPP L11 Use Percentages in the Real World RPP L12 Percent Change and Simple Interest
L2.3 Use Counting Techniques	DAP L10 Counting Techniques
L2.4 Determine Probability	DAP L11 Determine Probability

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L3.1 Evaluate Linear Expressions	BA L1 Translating Variable Expressions BA L4 Evaluating Expressions BA L7 Combining Like Terms
L3.2 Solve Linear Equations	BA L6 Solving Two-Step Equations BA L7 Combining Like Terms BA L8 Solving Multi-Step Equations BA L9 Writing Equations IA L1 Writing Linear Equations
L3.3 Solve Linear Inequalities	BA L14 Solving One- Variable Inequalities
L3.4 Use Expressions, Equations, and Inequalities to Solve Real-World Problems	IA L1 Writing Linear Equations
L4.2 Factor Polynomials	IA L11 Factoring Polynomials IA L12 Solving Polynomials by Factoring IA L15 Multiple Representations of Quadratics
L4.3 Solve Quadratic Equations	IA L13 Solving Quadratics by Roots and Completing the Square IA L14 Quadratic Formula
L4.4 Evaluate Rational Expressions	IA L8 Adding and Subtracting Rational Expressions IA L9 Multiplying Rational Expressions IA L16 Simplifying and Dividing Rational Expressions NC L7 Adding and Subtracting Fractions NC L8 Multiplying and Dividing Fractions
L5.1 Interpret Slope	BA L12 Rate of Change and Slope NC L4 The Coordinate Grid
L5.2 Write the Equation of a Line	IA L1 Writing Linear Equations
L5.4 Solve Systems of Linear Equations	IA L2 Solving Systems of Equations by Graphing IA L3 Solving Systems of Equations Using Substitution and Elimination
L6.1 Identify a Function	BA L11 Functions
L6.2 Identify Linear and Quadratic Functions	BA L11 Functions IA L6 Graphing Exponential Functions IA L15 Multiple Representations of Quadratics
L6.3 Identify Key Features of a Graph	BA L11 Functions BA L13 Graphing Linear Functions IA L10 Interpreting Quadratic Equation Graphs
L6.4 Compare Functions	BA L11 Functions IA L6 Graphing Exponential Functions IA L15 Multiple Representations of Quadratics

The following abbreviations represent each of the following CCR Practice Workbooks in the table

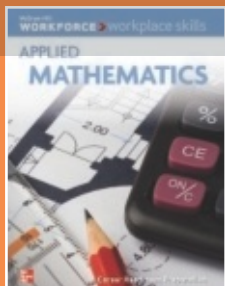
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HSE Achieve Lesson
CCR Practice Workbooks

L7.1 Compute Perimeter and Area of Polygons	BA L10 Solving for a Variable/Rearranging Formulas
	GM L3 Pythagorean Theorem
	GM L4 Perimeter and Area of Polygons
L7.2 Compute Circumference and Area of Circles	BA L10 Solving for a Variable/Rearranging Formulas
	GM L5 Circumference and Area of a Circle
L7.3 Compute Surface Area and Volume	GM L10 Surface Area
	GM L11 Volume
L7.4 Compute Perimeter, Area, Surface Area, and Volume of Composite Figures	GM L6 Area and Perimeter of Composite Shapes
	GM L12 Surface Area and Volume of Composite Figures
L8.1 Calculate Measures of Central Tendency	DAP L1 Measures of Central Tendency
L8.2 Display Categorical Data	DAP L3 Displaying Data I
	DAP L4 Displaying Data II
L8.3 Display One-Variable Data	DAP L2 Box Plots
	DAP L3 Displaying Data I
	DAP L6 Distribution of Data
L8.4 Display Two-Variable Data	DAP L8 Displaying Two-Variable Data
	DAP L9 Scatter Plots

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Mathematics

Use these *College and Career Readiness (CCR) Practice Workbook: Ratios, Proportions, and Percents, Basic Algebra, Number Concepts, and Geometry and Measurement* lessons to provide additional practice for the following *Workplace Skills- Applied Mathematics* lessons.

Workplace Skills Lesson	CCR Practice Workbooks
L1 Solve Problems with Math Operations	NC L3 Integer Operations
L4 Add and Subtract Negative Numbers	NC L3 Integer Operations
L5 Add Fractions, Decimals, and Percents	NC L7 Adding and Subtracting Fractions
L6 Add Fractions in Common Terms	NC L7 Adding and Subtracting Fractions
L7 Multiply Mixed Numbers	NC L8 Multiplying and Dividing Fractions
L8 Find Averages, Ratios, Proportions, and Rates	RPP L1 Rates, Ratios, and Ratio Tables RPP L3 Unit Rates RPP L7 Solving Proportions
L9 Solve Problems Using One or Two Operations	BA L6 Solving Two-Step Equations
L10 Put Information in the Right Order	BA L2 Order of Operations
L11 Multiply Negative Numbers	NC L3 Integer Operations
L12 Calculate with Mixed Units	GM L1 Measuring and Converting Units
L13 Calculate Perimeter and Area	GM L4 Perimeter and Area of Polygons GM L5 Circumference and Area of a Circle
L15 Convert Measurements	GM L1 Measuring and Converting Units
L16 Find the Best Deal	RPP L3 Unit Rates RPP L7 Solving Proportions
L17 Calculate Prices with Discounts or Markups	RPP L12 Percent Change and Simple Interest
L18 Divide Negative Numbers	NC L3 Integer Operations
L20 Calculate with Numbers in Various Forms	NC L7 Adding and Subtracting Fractions NC L8 Multiplying and Dividing Fractions
L21 Find Volume of Rectangular Solids	GM L11 Volume
L22 Rearrange a Formula	GM L4 Perimeter and Area of Polygons GM L5 Circumference and Area of a Circle GM L11 Volume BA L10 Solving for a Variable/Rearranging Formulas

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Workplace Skills Lesson

CCR Practice Workbooks

L23 Change from One Unit to Another in the Same Measurement System	GM L1 Measuring and Converting Units
L24 Convert from One System of Measurement to Another	GM L1 Measuring and Converting Units
L25 Calculate Multiple Rates	RPP L3 Unit Rates
L26 Apply Formula Rearrangements and Unit Conversions to Calculate Area	BA L10 Solving for a Variable/Rearranging Formulas
	GM L4 Perimeter and Area of Polygons
L27 Convert Between Systems of Measurement	GM L1 Measuring and Converting Units
L28 Find the Best Deal Among Several Choices	RPP L11 Use Percentages in the Real World
L29 Use Complex Ratios and Proportions	RPP L6 Proportional Relationships
L29 Use Complex Ratios and Proportions	RPP L8 Proportions and Percentages
L30 Calculate Areas and Volumes of Spheres, Cylinders, or Cones	GM L10 Surface Area
	GM L11 Volume
L31 Solve Problems with Nonlinear Functions and/or One or More Unknowns	BA L11 Functions

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McGraw-Hill Education College and Career Readiness Resources

The resources listed below are all student materials. Please note that for all programs listed except for the *Achieving TABE Success Series*, there are additional teacher resources available that include instructional guidance, activities, and suggestions for providing comprehensive coverage of the standards and skills being taught within the student lesson. For more information about all of these series, or to contact a sales representative, go to www.mheducation.com.

Achieving TABE Success

Achieving TABE Success In Reading, Level M Workbook	978-0-07-704460-2	Achieving TABE Success In Mathematics, Level M Workbook	978-0-07-704468-8
Achieving TABE Success in Reading, Level M Reader	978-0-07-704464-0	Achieving TABE Success In Language, Level M Workbook	978-0-07-704456-5
Achieving TABE Success In Reading, Level D Workbook	978-0-07-704461-9	Achieving TABE Success In Mathematics, Level D Workbook	978-0-07-704469-5
Achieving TABE Success in Reading, Level D Reader	978-0-07-704465-7	Achieving TABE Success In Language, Level D Workbook	978-0-07-704457-2
Achieving TABE Success in Reading, Level A Workbook	978-0-07-704462-6	Achieving TABE Success in Mathematics, Level A Workbook	978-0-07-704470-1
Achieving TABE Success in Reading, Level A Readers	978-0-07-704466-4	Achieving TABE Success in Language, Level A Workbook	978-0-07-704458-9

Reading Basics

Reading Basics, Intermediate 1	978-0-80-920667-4	Reading Basics, Intermediate 1 Reader	978-0-07-659101-5
Reading Basics, Intermediate 2	978-0-80-920668-1	Reading Basics, Intermediate 2 Reader	978-0-07-659102-2
Reading Basics, Advanced	978-0-80-920669-8	Reading Basics, Intermediate 3 Reader	978-0-07-659103-9

Workforce Skills

Workplace Skills, Reading for Information	978-0-07-655574-1	Workplace Skills, Locating Information	978-0-07-657482-7
Workplace Skills, Applied Mathematics	978-0-07-657481-0		

EMPower Math

EMPower Math, Keeping Things in Proportion: Reasoning with Ratios, Student Edition	978-0-07-662093-7	EMPower Math, Over, Around, and Within: Geometry and Measurement, Student Edition	978-0-07-662089-0
EMPower Math, Seeking Patterns, Building Rules: Algebraic Thinking, Student Edition	978-0-07-662088-3	EMPower Math, Many Points Make a Point: Data and Graphs, Student Edition	978-0-07-662087-6
EMPower Plus, Using Benchmarks: Fractions, Decimals, and Percents, Student Edition	978-0-07-672134-4	EMPower Plus, Everyday Number Sense: Mental Math and Visual Models, Student Edition	978-0-07-672136-8
EMPower Plus, Split It Up: More Fractions, Decimals, and Percents, Student Edition	978-0-07-672137-5		

High School Equivalency Basics

HSE Basics, Writing Core Subject Module	978-0-02-135564-8	HSE Basics, Social Studies Core Subject Module	978-0-07-657521-3
HSE Basics, Mathematics Core Subject Module	978-0-07-657519-0	HSE Basics, Science Core Subject Module	978-0-07-657552-7
		HSE Basics, Reading Core Subject Module	978-0-07-657520-6

High School Equivalency Achieve

HSE Achieve Reading And Writing Subject Module	978-0-02-143256-1	HSE Achieve, Science Subject Module	978-0-02-140015-7
HSE Achieve, Mathematics Subject Module	978-0-02-143257-8	HSE Achieve, Social Studies Subject Module	978-0-02-135564-8