

**PROBLEM SOLVING**  
FOR THE **21<sup>ST</sup> CENTURY**

BUILT FOR THE  
**COMMON CORE**

**Eureka Math<sup>2</sup> Alignments**  
Fifth Grade

1. Login to Exemplars Library: [library.exemplars.com](http://library.exemplars.com) with your school e-mail and password
2. Select the Fifth Grade Unit you are working on:
  - Module 1: [Place Value Concepts for Multiplication and Division with Whole Numbers](#)
  - Module 2: [Addition and Subtraction with Fractions](#)
  - Module 3: [Multiplication and Division with Fractions](#)
  - Module 4: [Place Value Concepts for Decimal Operations](#)
  - Module 5: [Addition and Multiplication with Area and Volume](#)
  - Module 6: [Foundations in Geometry in the Coordinate Plane](#)
3. Once you are in the correct Unit, click on the task name, which is directly linked to the Exemplars Library where you can download a printer-friendly PDF and lesson planning sheet for the corresponding task.

**\*\* Note: You must be logged into the Exemplars Library to access the tasks in this document.**

## Eureka Math<sup>2</sup>: Fifth Grade

Module 1: Place Value Concepts for Multiplication and Division with Whole Numbers

Topics	Common Core State Standard	Exemplars Tasks
Place Value for Understanding Whole Numbers	<a href="#">5.NBT.A.1</a> <a href="#">5.NBT.A.2</a>	
Multiplication of Whole Numbers	<a href="#">5.OA.A.1</a> 5.NBT.B.5	<a href="#">Which Choice?</a> (5.NBT.A.2)
Division of Whole Numbers	<a href="#">5.NBT.B.6</a>	<a href="#">Buttons for a Craft Project</a> (5.NBT.B.6)
Multi-step Problems with Whole Numbers	<a href="#">5.OA.A.1</a> 5.OA.A.2	

## Eureka Math<sup>2</sup>: Fifth Grade

Module 2: Addition and Subtraction with Fractions

Topics	Common Core State Standard	Exemplars Tasks
Fractions and Division	<a href="#">5.NF.B.3</a>	
Addition and Subtraction of Fractions by Making Like Units	<a href="#">5.NF.A.1</a>	<a href="#">Lots of Cake</a> (5.NF.A.2)
Addition and Subtraction of Fractions, Whole Numbers, and Mixed Numbers	<a href="#">5.NF.A.1</a> <a href="#">5.NF.A.2</a>	<a href="#">Pizza by the Slice</a> (5.NF.A.2)
Problem Solving with Line Plots with Fractional Measurements	<a href="#">5.MD.B.2</a> <a href="#">5.NF.A.2</a>	

## Eureka Math<sup>2</sup>: Fifth Grade

### Module 3: Multiplication and Division with Fractions

Topics	Common Core State Standard	Exemplars Tasks
Multiplication by a Whole Number and a Fraction	<a href="#">4.NF.B.4</a> <a href="#">4.NF.B.4a</a> <a href="#">5.NF.B.5a</a> <a href="#">5.NF.B.5b</a> <a href="#">5.MD.A.1</a>	
Multiplication of Fractions	<a href="#">5.NF.B.4</a> <a href="#">5.NF.B.4a</a> <a href="#">5.NF.B.5a</a> <a href="#">5.NF.B.5b</a>	<a href="#">Pond Critters</a> (5.NF.B.6)
Division with a Unit Fraction and a Whole Number	<a href="#">5.OA.A.2</a> <a href="#">5.NF.B.6</a> <a href="#">5.NF.B.7a</a> <a href="#">5.NF.B.7b</a> <a href="#">5.NF.B.7c</a>	<a href="#">Packages of Chocolate</a> (5.NF.B.7c)
Multi-Step Problems with Fractions	<a href="#">5.OA.A.1</a> <a href="#">5.OA.A.2</a> <a href="#">5.NF.B.6</a> <a href="#">5.NF.B.7a</a> <a href="#">5.NF.B.7b</a> <a href="#">5.NF.B.7c</a>	

## Eureka Math<sup>2</sup>: Fifth Grade

### Module 4: Place Value Concepts for Decimals Operations

Topics	Common Core State Standard	Exemplars Tasks
Understanding Decimal Numbers with Place Value and Fraction Thinking	<a href="#">5.NBT.A.1</a> <a href="#">5.NBT.A.2</a> 5.NBT.A.3 <a href="#">5.NBT.A.3.a</a> <a href="#">5.NBT.A.3.b</a> <a href="#">5.NBT.A.4</a>	
Addition and Subtraction of Decimal Numbers	5.NBT.B.7	<a href="#">Rainfall</a> (5.NBT.B.7)
Multiplication of Decimal Numbers		<a href="#">Sport Jerseys</a> (5.NBT.B.7)
Division of Decimal Numbers		
Applications of Decimals	<a href="#">5.MD.A.1</a> <a href="#">5.OA.A.1</a> 5.OA.A.2	

## Eureka Math<sup>2</sup>: Fifth Grade

Module 5: Addition and Multiplication with Area and Volume

Topics	Common Core State Standard	Exemplars Tasks
Drawing, Analysis, and Classification of Two-Dimensional Figures	<a href="#">5.G.B.3</a> <a href="#">5.G.B.4</a>	
Areas of Rectangular Figures with Fractional Side Lengths	<a href="#">5.NF.B.4.b</a> <a href="#">5.NF.B.5.b</a> <a href="#">5.NF.B.6</a>	<a href="#">Newspaper Layout</a> (5.NF.B.6)
Volume Concepts	<a href="#">5.MD.C.3</a> <a href="#">5.MD.C.3.a</a> <a href="#">5.MD.C.3.b</a> <a href="#">5.MD.C.5.c</a>	<a href="#">A New Aquarium</a> (5.MD.C.5.a)
Volume and the Operations of Multiplication and Addition	<a href="#">5.MD.C.5</a> <a href="#">5.MD.C.5.a</a> <a href="#">5.MD.C.5.b</a> <a href="#">5.MD.C.5.c</a>	

## Eureka Math<sup>2</sup>: Fifth Grade

Module 6: Foundations in Geometry in the Coordinate Plane

Topics	Common Core State Standard	Exemplars Tasks
Coordinate Systems	<a href="#">5.G.A.1</a> <a href="#">5.G.A.2</a>	
Patterns in the Coordinate Plane	<a href="#">5.G.A.2</a> <a href="#">5.OA.B.3</a>	<a href="#">Planning a Soccer Field</a> (5.G.A.2)
Solve Mathematical Problems in the Coordinate Plane	<a href="#">5.OA.B.3</a> <a href="#">5.G.A.2</a> <a href="#">5.G.B.4</a> <a href="#">5.NF.B.4.b</a>	<a href="#">Going Out to Eat</a> (5.G.A.2)
Solve Real-World Problems with the Coordinate Plane	<a href="#">5.G.A.2</a> <a href="#">5.OA.B.3</a>	