

PROBLEM SOLVING
FOR THE **21ST CENTURY**

BUILT FOR THE
COMMON CORE

Bridges Alignments
Grade 5

1. Login to Exemplars Library: library.exemplars.com with your school e-mail and password
2. Select the 5th Grade Unit you are working on:
 - Unit 1: [Expressions, Equations & Volume](#)
 - Unit 2: [Adding & Subtracting Fractions](#)
 - Unit 3: [Place Value & Decimals](#)
 - Unit 4: [Multiplying & Dividing Whole Numbers & Decimals](#)
 - Unit 5: [Multiplying & Dividing Fractions](#)
 - Unit 6: [Graphing, Geometry & Volume](#)
 - Unit 7: [Division & Decimals](#)
 - Unit 8: [Solar Design](#)
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.**

Bridges Math: Grade 5

Unit 1: Expressions, Equations & Volume

Module	Common Core State Standard	Exemplars Tasks
Multiplication & Volume	5.MD.3a 5.MD.3b 5.MD.4 5.MD.5a	A Box for Candy
Factors, Multiples & the Associative Property	5.OA.1 5.OA.2	
Multiplication Strategies		
From Multiplication to Division	5.NBT.6	Perfect Attendance

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Unit 2: Adding & Subtracting Fractions

Module	Common Core State Standard	Exemplars Tasks
Adding & Subtracting Fractions	5.NF.1	Working
Introducing Common Denominators	5.NF.4a	
Common Denominators	5.NF.1 5.NF.2	Lots of Cake
LCMs and GCFs		

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Unit 3: Place Value & Decimals

Module	Common Core State Standard	Exemplars Tasks
Whole Number & Decimal Place Value	5.NBT.1 5.NBT.2 5.NBT.3a 5.NBT.3b 5.NF.1	The Number Game
Adding & Subtracting Decimals	5.NF.4 5.NBT.7	
Conversions	5.MD.1	Filling a Fish Tank
Division & the Area Model	5.NBT.6	An Egg Farm

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Unit 4: Multiplying & Dividing Whole Numbers & Decimals

Module	Common Core State Standard	Exemplars Tasks
Multiplication & Division Strategies		
More Multiplication & Division Strategies	5.OA.1 5.NBT.5 5.NBT.6 5.NBT.7 5.NF.4a	A Border for Mr. Gomez's Kitchen Sports Jerseys
From Array to Algorithm		
Multiplying to Divide		

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Unit 5: Multiplying & Dividing Fractions

Module	Common Core State Standard	Exemplars Tasks
Multiplying Whole Numbers by Fractions		
Multiplying Fractions by Fractions	5.NF.1 5.NF.4a 5.NF.4b 5.NF.6	New Balls for Recess
More Fraction-by-Fraction Multiplication		
Dividing Fractions & Whole Numbers	5.NF.7a 5.NF.7b 5.NF.7c	Relay Race for Charity

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Unit 6: Graphing, Geometry & Volume

Module	Common Core State Standard	Exemplars Tasks
Graphing Ordered Pairs	5.OA.3 5.G.1 5.G.2	Going Out to Eat
Classifying Polygons	5.G.3 5.G.4	
Volume	5.MD.4 5.MD.5a 5.MD.5b 5.MD.5c	Filling an Old Swimming Pool
Banners & Flags	5.NF.4a 5.NF.4b 5.NF.6	

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Unit 7: Division & Decimals

Module	Common Core State Standard	Exemplars Tasks
Division of Fractions & Whole Numbers	5.NBT.6 5.NBT.7 5.NF.3 5.NF.7a 5.NF.7b 5.NF.7c	Squirrel Babies Baseball Equipment
Division Interpretations & Strategies		
Powers of Ten	5.OA.1 5.NBT.1 5.NBT.2	Flying Home
Decimal Multiplication & Division	5.NBT.7	

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Unit 8: Playground Design

Module	Common Core State Standard	Exemplars Tasks
Investigating Solar Energy		
Investigating Passive Solar Design	5.NBT.5 5.NBT.6 5.NBT.7 5.NF.4a 5.NF.4b 5.NF.6 5.NF.7c	Painting Classrooms
Designing Solar Homes	5.MD.5a 5.MD.5b	A New Aquarium
Finishing Our Model	5.G.2	