

Engaging Mathematics,
Volume 1:
Grade 5

Teacher Edition

Product ID
407-2030

Region 4 Education Service Center supports student achievement by providing educational products and services that focus on excellence in service for children.

Published by
Region 4 Education Service Center
7145 West Tidwell Road
Houston, Texas 77092-2096
www.esc4.net

© 2019 by Region 4 Education Service Center. All rights reserved. Except as permitted under the United States Copyright Act of 1976, no part of this publication may be reproduced or distributed in any form or by any means, or stored in a database or retrieval system, without the prior written permission of the publisher.

ISBN-13: 978-1-945615-98-6

Printed in the United States of America

Digital Access

Digital files are available by accessing the Region 4 Hub at <http://r4hub.esc4.net>.

Except as permitted under the United States Copyright Act of 1976, no part of this publication may be reproduced or distributed in any form or by any means, or stored in a database or retrieval system, without prior written permission of the publisher.

Copyright law prohibits the copying or sharing of these materials for any purpose outside of direct classroom instruction by the one teacher who owns the purchased copy of this digital book.

Record your Region 4 Hub access information for future reference.

Username:

Password Hint:

For instructions regarding online access, contact shipping@esc4.net.

Acknowledgments

Region 4 Education Service Center would like to acknowledge the talent and expertise of those who contributed to the development of this book. Their dedication to our core values of excellence in service for children made possible the creation of this resource to assist educators in providing quality, effective instruction for all students.

Writing Team

Sana Brennan

Kori Keaton

Stefani Kulhanek, Ed.D.

Christina Lincheck

Crystal Munsinger

Sherry Olivares

Shelley Bolen-Abbott

Sharon Benson, Ed.D.

Design Team

Dave Martinez

Table of Contents

Introduction	i–iv
What is <i>Engaging Mathematics, Volume 1: Grade 5</i> ?.....	iii
What is found in an Engaging Mathematics TEKS-based activity?	iv
Number and operations	2–89
Comparing and Ordering Decimals, Activity 1 5(2)(B)	2
Comparing and Ordering Decimals, Activity 2 5(2)(B)	6
Comparing and Ordering Decimals, Activity 3 5(2)(B)	8
Estimating Solutions, Activity 1 5(3)(A)	12
Estimating Solutions, Activity 2 5(3)(A)	14
Estimating Solutions, Activity 3 5(3)(A)	18
Multiplying Whole Numbers 5(3)(B)	20
Dividing Whole Numbers 5(3)(C).....	22
Modeling Decimal Multiplication, Activity 1 5(3)(D)	24
Modeling Decimal Multiplication, Activity 2 5(3)(D)	26
Multiplying Decimals, Activity 1 5(3)(E)	28
Multiplying Decimals, Activity 2 5(3)(E)	30
Multiplying Decimals, Activity 3 5(3)(E)	34
Modeling Decimal Division 5(3)(F)	36
Dividing Decimals 5(3)(G)	38
Modeling Addition and Subtraction of Fractions, Activity 1 5(3)(H).....	40
Modeling Addition and Subtraction of Fractions, Activity 2 5(3)(H).....	42
Modeling Addition and Subtraction of Fractions, Activity 3 5(3)(H).....	44
Modeling Addition and Subtraction of Fractions, Activity 4 5(3)(H).....	46
Modeling Addition and Subtraction of Fractions, Activity 5 5(3)(H).....	48
Modeling Addition and Subtraction of Fractions, Activity 6 5(3)(H).....	50
Multiplying a Whole Number and a Fraction, Activity 1 5(3)(I)	54
Multiplying a Whole Number and a Fraction, Activity 2 5(3)(I)	56
Multiplying a Whole Number and a Fraction, Activity 3 5(3)(I)	58
Multiplying a Whole Number and a Fraction, Activity 4 5(3)(I)	60
Modeling Fraction Division, Activity 1 5(3)(J)	62
Modeling Fraction Division, Activity 2 5(3)(J)	64
Adding and Subtracting Rational Numbers, Activity 1 5(3)(K)	66
Adding and Subtracting Rational Numbers, Activity 2 5(3)(K)	68
Adding and Subtracting Rational Numbers, Activity 3 5(3)(K)	70
Adding and Subtracting Rational Numbers, Activity 4 5(3)(K)	72
Adding and Subtracting Rational Numbers, Activity 5 5(3)(K)	74
Adding and Subtracting Rational Numbers, Activity 6 5(3)(K)	76
Adding and Subtracting Rational Numbers, Activity 7 5(3)(K)	78
Adding and Subtracting Rational Numbers, Activity 8 5(3)(K)	80
Adding and Subtracting Rational Numbers, Activity 9 5(3)(K)	82
Dividing Unit Fractions and Whole Numbers, Activity 1 5(3)(L).....	86
Dividing Unit Fractions and Whole Numbers, Activity 2 5(3)(L).....	88