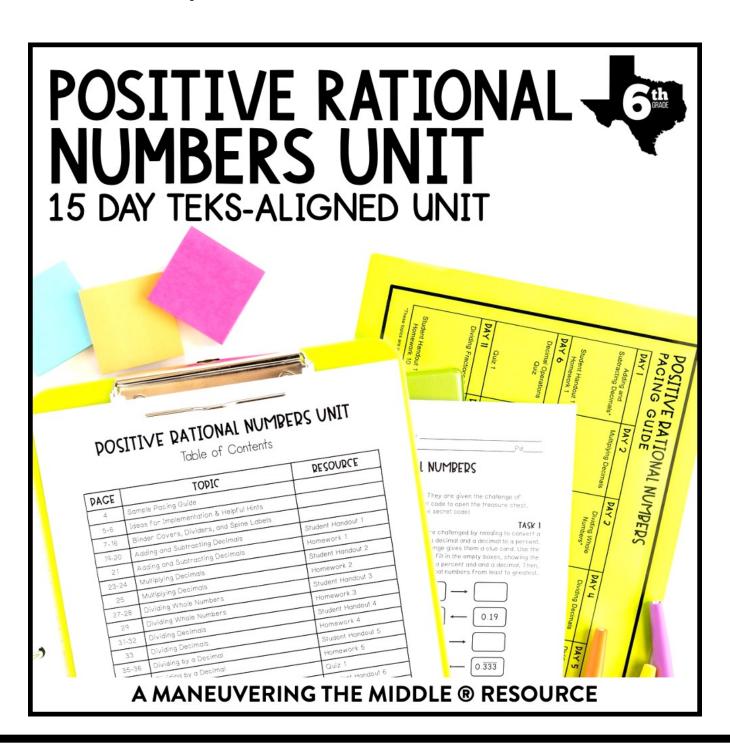
### learning focus:

- add, subtract, multiply, and divide positive rational numbers (fractions and decimals)
- $\checkmark$  use patterns and reciprocals of fractions
- understand and apply positive rational number operations in real-world situations



### POSITIVE RATIONAL NUMBERS



a 15 day TEKS-aligned unit TEKS: 6.2E, 6.3A, 6.3B, 6.3E

### ready-to-go, scaffolded student materials

#### POSITIVE RATIONAL NUMBERS UNIT

Table of Contents

PAGE	TOPIC	RESOURCE	
5	Sample Pacing Guide		
7-8	Ideas for Implementation & Helpful Hints		
9-18	Binder Covers, Dividers, and Spine Labels		
19-20	Adding and Subtracting Decimals Student Handou		
21	Adding and Subtracting Decimals	Homework 1	
23-24	Multiplying Decimals	Student Handout 2	
25	Multiplying Decimals	Homework 2	
27-28	Dividing Whole Numbers	Student Handout 3	
29	Dividing Whole Numbers	Homework 3	
31-32	Dividing Decimals	Student Handout 4	
33	Dividing Decimals	Homework 4	
35-36	Dividing by a Decimal	Student Handout 5	
37	Dividing by a Decimal	Homework 5	
39-40	Decimal Operations Quiz	Quiz 1	
41-42	Adding and Subtracting Fractions	Student Handout 6	
43	Adding and Subtracting Fractions	Homework 6	
45-46	Multiplying Fractions	Student Handout 7	
47	Multiplying Fractions	Homework 7	
49-50	Patterns and Reciprocals	Student Handout 8	
51	Patterns and Reciprocals	Homework 8	
53-54	Dividing Fractions I	Student Handout 9	
55	Dividing Fractions I	Homework 9	
57-58	Dividing Fractions II	Student Handout 10	
59	Dividing Fractions II	Homework 10	
61-62	Dividing Fractions Application	Student Handout 11	
63	Dividing Fractions Application	Homework 11	
65-66	Fraction Operations Quiz	Quiz 2	
67-70	Positive Rational Numbers Unit Study Guide	Study Guide	
71-73	Positive Rational Numbers Unit Test	Test	

Maneuvering the Middle LLC, 2017

### POSITIVE RATIONAL NUMBERS



a 15 day TEKS-aligned unit TEKS: 6.2E, 6.3A, 6.3B, 6.3E

## student friendly + real-world application

Unit: Positive Rational Numbers Student Handout 2	NamePd DatePd		f grade modeling
The area models below represent two multipling Example A: 2.7 · 1.4 =  Use your understanding of Example A to compare the standard of Example A to compa	Example B: 0.5 · 2.5 =	Use the grid to keep your work organized.	
MULTIPLYING DECIMALS WITH AN ALCORITHM  Determine how many digits will be behind  1. 2. 1.58 · 0.23  We can use estimation to	Solve questions 11-13 to show your ur  11.  20.8 · 9 =	Unit: Positive Rational Numbers Homework 2  MULTIPLYINC  Each of the cards on the left has the same solutio cards with matching solutions to complete the sent	n as one of the cards on the right. Find the
Round each decimal to the nearest whole $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	golden retriever in one week?  16. Sidney and Jorge solved the proble correct solution be?	(3.4)(6.7) =	1.93 · 9 =
	SIDNEY JOR 62.8 · 3.7 50.9 2323.60 244  Summarize today's lesson:	On a Saturday morning, Alonso went to the farmer's market. He bought 3 eggplants for \$5.79 each. What will be the total cost of the eggplants?	Jordan jogs 6.9 miles each day. How many total miles does he jog in 8 days?
self-check practice	cing	Maryanne is making a bracelet at camp using beads that are 1.64 cm long. What will be the length of her bracelet if she uses 19 beads?  1. Card A and Card have the 2. Card B and Card have the 3. Card C and Card have the 4. Card D and Card have the	same solution of same solution of

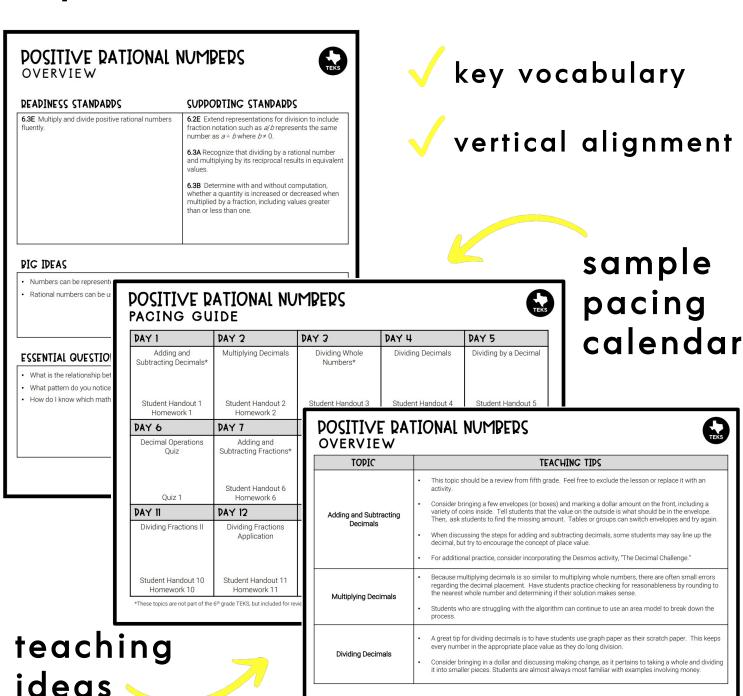
A MANEUVERING THE MIDDLE® RESOURCE

### POSITIVE RATIONAL NUMBERS -



a 15 day TEKS-aligned unit TEKS: 6.2E, 6.3A, 6.3B, 6.3E

# streamline your planning process with unit overviews



A MANEUVERING THE MIDDLE® RESOURCE

### POSITIVE RATIONAL NUMBERS



a 15 day TEKS-aligned unit TEKS: 6.2E, 6.3A, 6.3B, 6.3E

#### unit study guide + assessments

Unit: Positive Rational Numbers Quiz 1	Name Date	1 . / 01117700
QUIZ: DECIMAL OPERA Answer the questions below. Be sure to s  1. Ms. Sloan asked her students to multiply	1	ditable unit tes
a. 0 b. 1 c. 2 d. 3 2. Which of the students below correctly  a. Gayle only b. Ian only c. Both Gayle and Ian d. Neither Gayle nor Ian		
Answer the questions below. Be sure to 3. Oscar is building a fence and purchase 2.91 meters long. How many meters of fe	1. 284.78 + 468.43 =2.	3. Michael is purchasing
4. The average mail carrier walks 5.3 kild walk in a 6-day week?	4. 863.35 - 127.69 =5.	SIXTH GRADE CURRICULUM  DOSITIVE
5. A pitcher of lemonade holds 147 ounce servings are in one pitcher?	I CAN FLUENTLY MULTIPLY MULT 7. 6.34 · 3.4= 8.	<b>PATIONAL NUMBERS</b>
	0.04 0.44	UNIT TWO: ANSWER KEYS
answer keys included		©MANEUVERING THE MIDDLE, 2017

A MANEUVERING THE MIDDLE® RESOURCE