Expressions Unit Plan

LESSON	RESOURCES					
Unit Prep (pgs. 7 - 14)	 Weekly Warm Up Sheet Exit Tickets Lesson Plan Template Vocabulary Pages Unit Pre-Assessment 					
(1) Exponents and Order of Operations (pgs. 15 - 38)	 Three Warm Ups Exponents Notes Exponents Practice Exponents Matching Activity Order of Operations Notes Order of Operations Fold and Flip Notes Order of Operations Practice (2 pages) 					
(2) Properties of Math (pgs. 39 - 53)	 Three Warm Ups Properties of Math Notes Properties of Math Fold and Flip Notes Properties of Math Sorting Activity Properties of Math Practice 					
(3) The Distributive Property (pgs. 54 - 64)	 Three Warm Ups GCF and LCM Notes GCF and LCM Practice Distributive Property Notes Distributive Property Guided Practice Distributive Property Practice (2 pages) 					
(4) Writing Algebraic Expressions (pgs. 65 - 81)	 Three Warm Ups Writing Algebraic Expressions Notes Writing Algebraic Expressions Fold and Flip Notes Writing Algebraic Expressions Practice (2 pages) Writing Algebraic Expressions Matching Activity 					
(5) Evaluating Algebraic Expressions (pgs. 82 - 88)	 Three Warm Ups Evaluating Expressions Notes Evaluating Expression Practice (2 pages) 					

(pgs. 89 - 93)

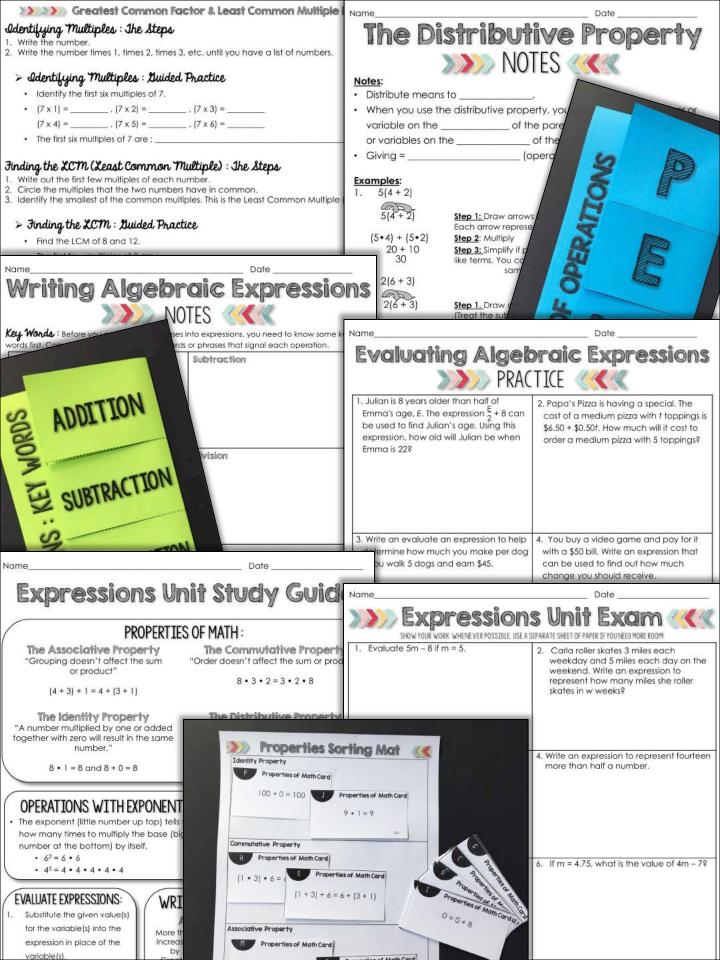
Study Guide

Unit Exam

End of Unit

1

Name	7955	7	Date	Name		Date	
	Pre	-Ass	ions Unit essment parate sheet of paper.}	Write each expression in ex		s Practice 🦑	((
1) What is the	e value of 247		5) Give an example of the associative property of multiplication.	1) 8×8×8×8 =		2) 5 x 5 x 5 =	
		Service Students (Service) and were reduced as a students of every service service.	3)		4) 20 =		
						of the second as the same	
		7) Simplify the expression $8x - 2$ if $x = 4$.			6) 3 x 3 x 3 x 3 x 3 =		
more than twice a number."		PRO					
				100	PERTIE	S OF MATH	
3) Simplify using the distributive property :		8) Give an example of the commut	ASSOCIATIVE	1	MATH		
Name Date			property of addition Date	PROPERTY	COMMUTA	TTUE	
Order of Operations						IDENTITY IDENTITY	
		N0.		Name		Date	ONE
What's the Order? THE ORDER THE MATH THE EXPLANATION		Prome	rtie		h		
THE ORDER	INCHAIN		THE EXPERIMENTATION		WAR		1 11
P	Parenthesis	Sim	plify any expressions within grouping symbols first.	Skill : Evaluating		using the order of operations	
			grouping symbols hist.	1. Simplify:	2	2. Simplify:	
		0	nce grouping symbols are	$2^2 + 4 - 3 \bullet 3$	2	$5^2-4\cdot 2$	
E	Exponents		nated, simplify any terms wi an exponent.				
			ан охронони.				
AAR	Multiplication	Multiply or divide from left to righ Whichever comes first betweer					
OR Division		these two, is simplified first.					
Name		- 0	Date				
Properties of Math			mplify:		4. Simplify:		
				ies of	MATHEMATIC	.S	
Think About At:				SORTING	ACTIVITY 《《 《		
What does the word "property" mean to you?			about this activity:		egories based on the type of pro	porty	
				the equation display		egories based on the type of pro	perry
Define:		15-3	STATE OF THE OWNER, WHEN	Materials (per student	torset of stud	ents):	
Associativ	e Property			*		gle page or two pages)	
• Commuto	ative Property		- 0	Cardo	cord 13		
Commore	anve Property	9	16 15	name of the second	2	ards)	
Identity Property of Additio				pea 2	3	not need to be pre-cut sin	nce
		Puro		0	3x3x	s to the students and hav	е
Identity Pr	operty of Multiplic				1	sociative Property,	
in France			Co	ard B		category on their sorting i	
	tify each propert			Five S	Cal	er sheet. Each card is labor record the letter that	sied





SUGGESTED TIME FRAME: ONE DAY

Resources Included:

- Weekly Warm Up Sheet
 - Copy weekly for each student. This provides them with an organized place to keep their warm ups each day and makes it simple for grading.
- Exit Tickets
 - This sheet includes 5 exit tickets that can easily be cut or torn by students and turned in each day. Provide students with a single problem to solve or question to respond to at the end of each class.
 - Exit ticket problems are not included since classes work at different paces.
- Lesson Plan
 - A blank lesson plan template is included for you to print and record your daily lesson(s).
- Vocabulary
 - Two versions of the vocabulary sheet are included. One pre-filled with words from the unit and one blank.
- Pre-Assessment
 - A short one page assessment



SUGGESTED TIME FRAME: THREE TO FOUR DAYS

Resources included:

- Three Warm Ups
- Exponents Notes
- Exponents Practice Can be used for homework or classwork
- Exponents Matching Activity
- Order of Operations Notes
- Order of Operations Fold and Flip Notes
- Order of Operations Practice (2 pages) Can be used for homework or classwork

Essential Skills:

Write and evaluate expressions involving whole number exponents.



SUGGESTED TIME FRAME: TWO DAYS

Resources Included:

- Three Warm Ups
- Properties of Math Notes
- Properties of Math Fold and Flip Notes
- Properties of Math Sorting Activity
- Properties of Math Practice Can be used for homework or classwork

Essential Skills :

- Use the properties of operations to generate equivalent expressions.
- Identify equivalent expressions.



SUGGESTED TIME FRAME: TWO TO THREE DAYS

Resources included:

- Three Warm Ups
- Writing Algebraic Expressions Notes
- Writing Algebraic Expressions Fold and Flip Notes
- Writing Algebraic Expressions Practice (2 pages) Can be used for homework or classwork
- Writing Algebraic Expressions Matching Activity

Essential Skills:

- Read and write evaluate expressions with variables.
- Identify parts of expressions using mathematical terms.
- Use variables to represent unknowns when writing expressions to solve real world and mathematical problems.



SUGGESTED TIME FRAME: THREE TO FOUR DAYS

Resources included:

- Three Warm Ups
- Evaluating Expressions Notes
- Evaluating Expression Practice (2 pages) Can be used for Homework or Classwork

Essential Skills:

- Write, read and evaluate expressions with variables.
- Evaluate expressions at specific values of their variables use formulas.
- Use variables to represent unknowns when writing expressions to solve real world and mathematical problems.



SUGGESTED TIME FRAME: TWO DAYS (ONE FOR REVIEW)

Resources Included:

- Study Guide
- Final Unit Exam