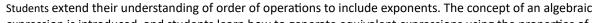
TEKS Cluster: Expressions, Equations, and Inequalities

TEKS Subcluster: On Student Expectations: 6.

Order of Operations

Student Expectations: 6.7(A), 6.7(B), 6.7(C), 6.7(D)
Activities Summary: Students extend their unders



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expression is introduced, and students learn how to generate equivalent expressions using the properties of operations. Activities may be organized and delivered in three topics: **Numeric Expressions**, **Algebraic**

Expressions, and **Numeric and Algebraic Expressions**.

Activity Title Student Expectations	Activity Topic	Туре			Delivery		
		new learning	intervention	practice	teacher-facilitated	small groups	stations
	Numeric Expressions						
Exponents and Prime Factorization 6.7(A)	Understanding Exponents and Prime Factorization This is a two-part activity. Part 1 focuses on understanding exponents and writing expressions using exponents. Part 2 focuses on determining prime factorization and writing with exponents.	~	✓		✓		
Order of Operations 1 6.7(A)	Find the Value of Numerical Expressions Students review order of operations and simplify expressions including integers, but not exponents.	✓	✓		✓		
Order of Operations 2 6.7(A)	Find the Value of Numerical Expressions Students review order of operations and simplify expressions including integers and exponents.	✓	✓		✓		
Find the Equivalent Expressions 6.7(A)	Equivalent Numerical Expressions As a whole class, students learn what equivalent means, identify equivalent expressions, and then match.	✓	✓		✓		
	Algebraic Expressions						
From Numerical to Algebraic Expressions 6.7(B), 6.7(C), 6.7(D)	Identify Equivalent Algebraic Expressions This activity introduces algebra tiles, focusing on how they differ from base-ten blocks. Students build algebraic expressions and determine if algebraic expressions are equivalent based on the models.	✓	✓		✓		
A New Way to Think About Fractions 6.7(D)	Equivalent Algebraic Expressions Students learn the connection between fractions and division and rewrite expressions with a fraction bar so that they include the division symbol.	✓	✓		✓		
	Numeric and Algebraic Expressions						
Equivalent Expressions Match Up 6.7(D)	Equivalent Algebraic and Numeric Expressions This matching activity may be used in multiple ways, such as a whole class, pairs, stations, or on a bulletin board.			✓		✓	✓