TEKS Cluster: Expressions, Equations, and Inequalities
TEKS Subcluster: Order of Operations
Student Expectations: 6.7(A), 6.7(B), 6.7(C), 6.7(D)
Activities Summary: Students extend their understanding of order of operations to include exponents. The concept of an algebraic 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**	**Type**			**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.			✓		✓	✓