

Correlation to Current Math Standards

	Operations and Algebraic Thinking (Grades 3 and 4)	
3.OA.B.5	Apply the Commutative and Associative Properties of Multiplication.	Activity 1
4.OA.B.4	Determine whether a given whole number in the range 1–100 is prime or composite.	Bonus Activity 1
4.OA.B.4	Find all factor pairs of a number. Recognize a number as a multiple of each of its factors.	Activities 2, 3
	Number and Operations – Fractions (Grades 4 and 5)	
4.NF.A.1	Recognize and generate equivalent fractions.	Activities 5, 6
4.NF.A.2	Compare fractions by creating common denominators.	Activity 8
4.NF.B.3.C	Add or subtract mixed numbers with like denominators.	Bonus Activity 2
5.NF.A.1	Understand addition and subtraction of fractions with unlike denominators.	Activity 9
5.NF.B.4	Multiply a fraction or a whole number by a fraction.	Activity 10
5.NF.B.7	Divide with unit fractions and whole numbers.	Activity 11
	Number and Operations – Base Ten (Grade 5)	
5.NBT.A.2 (extension)	Write powers of 10 with exponents.	Activity 13
	Ratios and Proportional Relationships (Grade 6)	
6.RP.A.3.A	Make tables of equivalent ratios and find missing values.	Bonus Activity 3
	The Number System (Grade 6)	
6.NS.A.1	Divide fractions by fractions and mixed numbers.	Activity 11
6.NS.B.4	Find the greatest common factor and least common multiple of two numbers.	Activities 4, 7
6.NS.C.5	Understand positive and negative numbers as having opposite directions or values.	Activity 12
	Expressions and Equations (Grade 6)	
6.EE.A.1	Write and evaluate expressions with exponents.	Activity 13
<i>Bonus Activity 1 is a prerequisite lesson for use of Prime Factor Tiles in Grade 3.</i> <i>Activities 1 and 2 are prerequisite lessons for every use of Prime Factor Tiles in Grades 4, 5, and 6.</i>		
<i>Bonus activities, additional practice problems and solutions, and guidance in using a paper-and-pencil method for working with prime factors can be found online at Didax.com/PFT.</i>		