

Hurn 6 <sup>th</sup> grade Math 1 <sup>st</sup> , 2 <sup>nd</sup> , 4 <sup>th</sup> , 5 <sup>th</sup>	Monday 10-5-15	Tuesday 10-6-15	Wednesday 10-7-15	Thursday 10-8-15	Friday 10-9-15
Objective	Content: I can demonstrate knowledge of prime factorization by completing the practice problems.  Language: I can orally explain how to find the prime factorization using the frame, "To find the prime factorization first..."	Content: I can demonstrate application of prime factorization by completing the exit ticket.  Language: I can write to explain how to find the prime factorization of a number using the frame, "To find the prime factorization first..."	Content: I can demonstrate application of prime factorization by successfully completing the warm-up problem.  Language: I can orally explain what an exponent is using the frame, "An exponent is..."	Content: I can demonstrate application of prime factorization by successfully completing the exit ticket.  Language: I can write to explain how to write prime factorization using an exponent. Using the frame, "To write your prime factorization using exponents first..."	Content: I can demonstrate synthesis of prime factorization by passing the Investigation Quiz.
Warm up	Finding factors	Prime Factorization review	Prime Factorization with exponents	Prime Factorization with exponents and what number matches a prime factorization?	What number matches a prime factorization?
Vocabulary	Composite number, divisor, factor, factor pair, multiple, prime number, proper factors, square number				
Differentiated Instruction/ Class set-up	Whole group/Individual Work	<b>Small group:</b> Prime Factorization <b>Independent Rows:</b> Prime Factorization pg. 54 # 5-13 <b>Problem Solvers:</b> The Product Puzzle	<b>Small Group:</b> Prime Factorization <b>Independent Rows:</b> Prime Factorization pg. 54 # 5-13 <b>Problem Solvers:</b> The Product Puzzle	<b>Small Group:</b> Prime Factorization <b>Independent Rows:</b> Prime Factorization pg. 54 # 5-13 <b>Problem Solvers:</b> The Product Puzzle	Whole group/Individual Work
CCSS	6.NS.B.4 Find the greatest common factor of two whole numbers less than or equal to 100 and the least common multiple of two whole numbers less than or equal to 12. Use the distributive property to express a sum of two whole numbers 1-100 with a common factor as a multiple of a sum of two whole numbers with no common factor. 6.EE.A.1 Write and evaluate numerical expressions involving whole-number exponents 6.EE.A.2b Identify parts of an expression using mathematical terms (sum, term, product, factor, quotient, coefficient); view one or more parts of an expression as a single entity.				

