

<b>Cornell Notes</b>	Name: _____
Topic: <b>Prime Factorization Lesson 1.4</b>	Date: _____
	Period: _____

Essential Question: **Without dividing, how can you tell when a number is divisible by another number?**

Questions/Main Ideas:	Notes:
	<b>Factor Pair-</b> when two factors are multiplied and go into the same number
	<b>Prime Factorization-</b> a composite number is the number written as a product of its prime factors
	<b>Factor Tree-</b> to factor out composite numbers until they are prime numbers
Factor Tree	Ex. 1 <b>60</b>
	<b>2 x 30</b>
	<b>2 x 2 x 15</b>
	<b>2 x 2 x 3 x 5</b>
	<b>2<sup>2</sup>x 3 x 5</b>
Factor Tree	<b>Ex. 2</b> <b>48</b>
	<b>2 x 24</b>
	<b>2 x 2 x 12</b>
	<b>2 x 2 x 3 x 4</b>
	<b>2 x 2 x 3 x 2 x 2</b>
	<b>2<sup>4</sup>x 3</b>

Summary: **Students should write a summary reflecting the above essential question.**