


<b>Cornell Notes</b>	Name: _____
Topic: <b>Ratios Lesson 5.1</b>	Date: _____
	Period: _____


Essential Question: **How can you represent a relationship between two quantities?**

Questions/Main Ideas:	Notes:
-----------------------	--------

<b>Vocabulary</b>	<b>Ratio-</b> a comparison of two quantities
	<b>Tape Diagram-</b> a diagram that looks like a segment of tape

<b>Example 1</b>	<b>Writing Ratios</b>	
	a. Write the ratio of pennies to quarters.	
	b. Write the ratio of quarters to dimes.	
	c. Write the ratio of dimes to the total number of coins.	

	<p>Jordan has 3 blue marbles and 8 red marbles.</p> <p>What is the ratio of blue marbles to red marbles?</p> <p>A. 3:3          B. 3:5          C. 3:8          D. 3:11</p>
--	---

	<p>Jordan has a jar of blue, red, and yellow marbles, as shown.</p> <div style="text-align: center;">  </div> <p>Complete the table to show the ratio of blue marbles to yellow marbles.</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <th colspan="3">Ratio of Blue to Yellow</th> </tr> <tr> <td style="width: 30%;"></td> <td style="width: 10%; text-align: center;">to</td> <td style="width: 60%;"></td> </tr> </table>	Ratio of Blue to Yellow				to	
Ratio of Blue to Yellow							
	to						

**Example 2 Using a Tape Diagram**

The ratio of your monthly allowance to your friend's monthly allowance is 5 : 3. The monthly allowances total \$40. How much is each allowance?

To help visualize the problem, express the ratio 5 : 3 using a tape diagram.



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