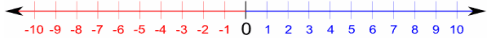

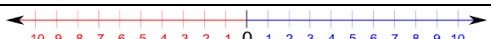

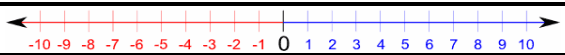
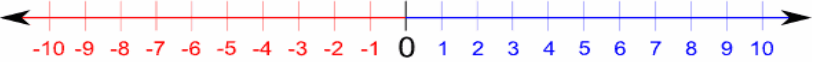
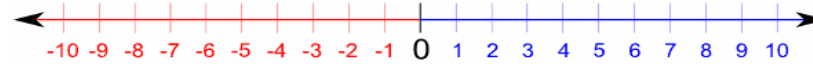
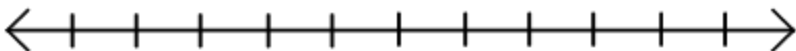


Cornell Notes		Name: _____	
Topic: Integers Lesson 6.1 and Comparing Integers		Date: _____	
Lesson 6.2		Period: _____	
Essential Question: How can you represent numbers that are less than zero? How can you use a number line to order real-life events?			
Questions/Main Ideas:		Notes:	
Lesson 6.1-Integers		Positive numbers - greater than 0 (They can be written with or without a positive sign (+).)	
		Negative numbers - are less than 0 (They have to be written with a negative sign (-).)	
		Opposites - a positive and negative number that is the same distance from zero.	
Example 1		Writing Positive and Negative Integers	
		1.) A hiker climbs 900 feet up a mountain.	
		2.) You have a debt of \$24.	
		3.) A student loses 5 points for being late to class.	
		4.) A savings account earns \$10.	
Example 2		Graphing Integers	
		5.) 6 	
		6.) -4 	
		7.) -12 	
		8.) 1 	
Lesson 6.2- Comparing and Ordering Integers			
Example 1		Comparing Integers on a Horizontal Number Line	
> Greater Than		Compare 2 and -6 	
< Less Than			
		2 is to the right of -6. So 2 <input type="text"/> -6	
		*This same method holds true with a Vertical Number Line.	

Example 2	Ordering Integers
	Order -4, 3, 0, -1, -2 from least to greatest.
	
Example 3	Reasoning with Integers
	A number is greater than -8 and less than 0. What is the
	Greatest possible integer value of this number?
	
	a.) -10 b.) -7 c.) -1 d.) 2
You Do!	
	Order the integers from least to greatest.
	4.) -2, -3, 3, 1, -1
	
	Summary: Students should write a summary reflecting the above essential question.