

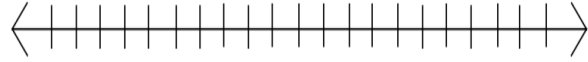
Cornell Notes		Name: _____					
Topic: <u>Absolute Value Lesson 6.4</u>		Date: _____					
		Period: _____					
Essential Question: How can you describe how far an object is from sea level?							
Questions/Main Ideas:	Notes:						
Vocabulary	Absolute value - a number is the distance between the number and zero on a number line						
	Example of Absolute Value						
	<i>Remember absolute value is the amount of equal distance from zero.</i>						
Example 1	Finding Absolute Value						
	1.) What is the absolute value of 3?						
	2.) Find the $ -2 $.						
	3.) What is the $ 14.06 $?						
	4.) Find the absolute value of $-3 \frac{2}{5}$.						
You Do!	Order the numbers from least to greatest.						
	<div style="border: 1px solid gray; padding: 10px; width: fit-content; margin: auto;"> <p style="text-align: center;">Least Greatest</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="border: 1px solid gray; width: 20px; height: 20px;"></td> <td style="border: 1px solid gray; width: 20px; height: 20px;"></td> <td style="border: 1px solid gray; width: 20px; height: 20px;"></td> <td style="border: 1px solid gray; width: 20px; height: 20px;"></td> <td style="border: 1px solid gray; width: 20px; height: 20px;"></td> </tr> </table> <p style="text-align: center; margin-top: 10px;"> -2.25 3 2.5 -3 0 </p> </div>						
Example 2	Comparing Values						
	Compare 2 and $ -5 $.						
	❖ So, $2 < -5 $.						

	5.) Compare $ -4 $ <input type="radio"/> -2
	6.) Compare 3.9 <input type="radio"/> $ -3.9 $
	7.) Compare $ 9 $ <input type="radio"/> 10
	8.) Compare $ -5.5 $ <input type="radio"/> $ -3.1 $

You Do!

Which value is furthest from 0 on the number line?

- A. 20
- B. -21
- C. $|20.5|$
- D. $|-21.5|$



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