

Cornell Notes		Name: _____	
Topic: <u>Adding Integers Lesson 11.2 and Subtracting Integers Lesson 11.3</u>		Date: _____	
		Period: _____	
Essential Questions: Is the sum of two integers positive, negative, or zero? How can you tell? How are adding integers and subtracting integers related?			
Questions/Main Ideas:		Notes:	
Lesson 11.2 Vocabulary		<u>Adding Integers with the Same Sign</u> - Add the absolute values of the integers. Then use the common sign.	
		<u>Opposite</u> - Two numbers that are the same distance from 0, but on opposite sides of 0.	
		<u>Adding Integers with Different Signs</u> - Subtract the lesser absolute value from the greater absolute value. Then use the sign of the integer with the greater absolute value.	
		<u>Additive Inverse</u> - opposite	
Example 1		Find $-2 + (-4) = -6$	
Your Turn!		1.) $7 + 13$ 2.) $-8 + (-5)$ 3.) $-20 + (-15)$	
Example 2		Find $5 + (-10)$	
Your Turn!		4.) $-2 + 11$ 5.) $9 + (-10)$ 6.) $-31 + 31$	
Lesson 11.3 Vocabulary		<u>Subtracting Integers</u> - to subtract an integer, add its opposite.	
Example 1		a.) Find $3 - 12$	

	b.) Find $-8 - (-13)$
	c.) Find $5 - (-4)$
Your Turn!	1.) $8 - 3$ 2.) $9 - 17$ 3.) $-3 - 3$ 4.) $-14 - 9$
	5.) $9 - (-8)$ 6.) $-12 - (-12)$
Example 2	Evaluate $-7 - (-12) - 14$
Your Turn!	7.) $-9 - 16 - 8$ 8.) $-4 - 20 - 9$ 9.) $0 - 9 - (-5)$
Summary: Students should write a summary reflecting the above essential question.	