

Name: _____ Date: _____ Period: _____

Math 7: Integers & Rational Numbers Interactive Unit Plan (Chapters 1 & 2)

Targets & Problems	Answer	Expert Initials
<p>I can add and subtract integers and rational numbers. 1. $6 + (-7)$ 2. $-9 - (-4)$ 3. $-4.5 - 12.1$ 4. $\frac{3}{4} + (-\frac{5}{8})$</p>	1. 2. 3. 4.	
<p>I can multiply and divide integers and rational numbers. 1. $(-2)(5)$ 2. $-15 \div (-3)$ 3. -6.2×3.1 4. $\frac{5}{6} \div (-\frac{1}{2})$</p>	1. 2. 3. 4.	
<p>I can use integers and rational numbers to solve real world problems.</p> <p>1. New Orleans, Louisiana, is 6 feet below sea level. The highest point in Louisiana, Driskill Mountain, is 541 feet higher than New Orleans. How high is Driskill Mountain?</p> <p>2. The elevation of a sunken ship is -120 feet. Your elevation is $\frac{5}{8}$ of the ship's elevation. What is your elevation?</p> <p>3. How many 2.25-pound containers can you make from 24.75 pounds of almonds?</p>	1. 2. 3.	

Targets & Problems	Answer	Expert Initials
<p>I can compare and order integers and rational numbers.</p> <p>Use >, <, or =</p> <p>1. -5 ___ -7 2. -5 ___ 5 3. $-\frac{1}{2}$ ___ -0.6</p> <p>Order from least to greatest.</p> <p>4. $-\frac{3}{4}$, 0.5, $\frac{2}{3}$, $-\frac{7}{3}$, 1.2</p>	1.	
	2.	
	3.	
	4.	
<p>I can create a mathematical problem that can be solved using integers AND rational number.</p>		
<p>I can use complete sentences and appropriate vocabulary to explain the answer to a mathematical question.</p> <p>1. Meghan said the opposite of the sum of -12 and 4 is 8. Do you agree or disagree? Why or why not?</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>2. Monica has 8 oz of peanuts to split into bags. She wants each bag to contain $\frac{2}{3}$ oz of peanuts. She claims that she can make 13 packages. Do you agree or disagree with Monica? Explain your answer using words and numbers.</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>	<p>Step Up to Writing <i>in Math!</i></p> <p>Answer the Question</p> <p>Reason 1</p> <p>Reason 2</p> <p>Reason 3</p> <p>Re-state the Answer</p> <p>Communicate Clearly & Precisely: I can prove my thinking by... I know my answer is correct because... Since I calculated... then I know that... The answer is reasonable because... I solved the problem by...</p> <p><i>COMMUNICATE</i></p>	