



Name: _____
Mr. Williams

Date: 9/17
Class: _____

I can efficiently add integers and other rational numbers.

CCSS: 7.NS.1 Apply and extend previous understandings of addition and subtraction to add and subtract rational...

Lesson 1: Efficiently Adding Integers and Other Rational Numbers

Homework

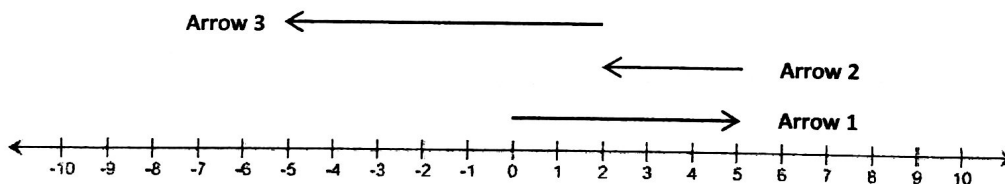
1. Find the sum. Show your work to justify your answer.

a. $4 + 17$

b. $-6 + (-12)$

c. $-3 + (-5) + 8$

2. Use the diagram below to complete each part.



- a. Label each arrow with the number the arrow represents.
- b. How long is each arrow? What direction does each arrow point?

Arrow	Length	Direction
1		
2		
3		

c. Write an equation that represents the sum of the numbers. Find the sum.



3. Describe how to add -8 and 14 on a number line that runs from -10 to 10 .

4. Ali wants to make bracelets to sell at a craft fair. She borrows money from her sister to buy beads and cord. Ali spends $\$8.00$ on supplies. At the craft fair, Ali makes $\$17.00$ selling her bracelets. How much money does Ali have after she pays back her sister?

In a trivia game, Joshua gets a score of -4 in the first round and -5 in the second round.

5. What is his total score after the two rounds? _____

6. A balloon is 23 feet below a tree limb. The balloon floats up 19 feet. What is its position relative to the tree limb? _____