

Unit 3 Pre-assessment

Modeling

Use (+) for positive integers and (–) for negative integers in the following problems.

1. Model the following integers –

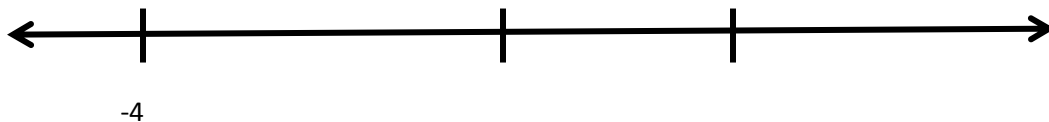
- a. 6
- b. -8
- c. $|-5|$

2. What does the following model represent?

+++++ - - - - -

Number line.

3. $\{-4 \text{ and } 3\}$ are graphed on the number line. Place $\{2\}$ on the number line and explain why you chose that placement.



4. Use the number line to prove that 3 and -3 are opposites.



5. Order the set of integers $\{-7, 8, 0, -4, -10\}$ from least to greatest.

6. Which is greater? -17 or 7 ? Explain your answer.

Complete each sentence with $<$, $>$, or $=$.

7. -21 -24

8. $|-10|$ 10

9. Write the flowing statement as a number problem using $<$, $>$, $=$.

Michael is keeping statistics for two football players. Player 1 ran for 13 yards, lost 3 yards, and ran for 8 yards. Player 2 was tackled for a 5 yard loss, ran for 18 yards, and then lost 5 yards. Compare the players' total yardage.

Grade 7 Unit 3 Rational Number Operations

Student Name: _____

Date: _____

Assessment: Pre-Test/Post-Test 7.NS

Teacher: _____

Data:

Student's overall score on assessment: _____ Assessment will be retaken. Yes No

Feedback: Correct questions are circled. Missed questions are left blank.

Model Integers	1a	1b	1c	2
Graph integers on a number line	3	4		
Order integers	5			
Compare integers	6	7	8	9

Strategy:

I did very well on

I need to go back and work on...