

Math Intervention

TANYA YERO Teaching 

THE NUMBER SYSTEM

Assesses Procedural
& Conceptual
Understanding

55
pages of
resources!

»»» seventh grade «««

How to use the materials Included

Pretest and Item Analysis sheet is designed to pinpoint exactly where your students' needs are.

Name: _____ Date: _____
The Number System 7.NS.1 - 7.NS.3 Pre-test

1.) Evaluate this expression:
 $-\frac{3}{4} +$

3.) What number is the opposite of this expression:
 $8 +$

5.) Simplify this expression:
 $-\frac{1}{8}(13)$

Name: _____ Date: _____
The Number System 7.NS.1 - 7.NS.3 Pre-test

7.) A construction company is digging an area before building a house. They have been digging for 12.5 hours and are at a depth of -6 feet. If they keep digging at the same rate, how much longer will it be until they have dug another 11 feet, rounded to the nearest hour?

8.) When you went to school, the temperature was -4.5 degrees. It fell another 6.25 degrees, and then it rose 3.5 degrees. What is the temperature at the end of the day?

9.) You have \$3,200 in savings. You are willing to spend all of your savings and get a loan of \$4,600 to buy a car. How much can you spend on the car?

10.) This week, you worked shifts that were $6\frac{3}{4}$ hours, $5\frac{1}{2}$ hours, $7\frac{1}{4}$ hours, and $4\frac{3}{4}$ hours. What was your average shift length this week, expressed as a decimal?

Item Analysis Data Sheet Per Student
The Number System Pre-test 7.NS.1 - 7.NS.3

Student Name: _____

Q's	Standard	Procedural Understanding	Conceptual Understanding	(M) Missed
#1	7.NS.1	X		
#2	7.NS.1	X		
#3	7.NS.1		X	
#4	7.NS.2	X		
#5	7.NS.2	X		
#6	7.NS.2		X	
#7	7.NS.3	X		
#8	7.NS.3	X		
#9	7.NS.3		X	
#10	7.NS.3		X	

Printables are included for reviewing procedural and conceptual understanding for each standard/topic.

THANK YOU FOR YOUR PURCHASE!



TANYA YERO



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