

Title:
"Form A"
"Practice"
"Intervention"
"Ultimate"

Pre-Algebra Test 3 (Form A)

PA Test 3A (Pg 1 of 2)

Student Name: _____

Teacher Name: _____

Date: _____

3.1a Properties of Numbers (AF 1.3*)

/4

DIRECTIONS: Provide a written explanation and example of each property listed below:

- 1) Associative Property of Addition
- 2) Commutative Property of Multiplication
- 3) Identity Property of Addition

Section "3" has the new material. First time students are assessed.

3.2a Simplifying Expressions (AF 1.3*)

/4

DIRECTIONS: Simplify each expression below:

4) $2(3x - 8) + 3x - 5$

5) $-3(4y + 7) + 2y + 9$

2.1b Multiply & Divide Integers (NS 1.2*)

/4

DIRECTIONS: Simplify each expression. Explain each step both numerically and with written description or diagram.

6) $-2 \cdot 9 \div 3$

7) $8 \div (-2) \cdot 9$

Section "2" was assessed for the first time last week. This is the second time the students will see this material- same questions, new numbers.

2.2b Order of Operations & Substitution (AF 1.2)

/4

DIRECTIONS: Evaluate each expression for $x = -4$ and $y = 3$. (show all work)

8) $-y + 7 \cdot (x - (-4)) \div 2$

9) $(-x) \cdot 6 - 15 \div (-y)$

1.1c Addition & Subtraction of Integers (NS 1.2*)

/4

DIRECTIONS: Simplify each expression. Explain each step both numerically and with written description or diagram.

10) $7 - (-6) + 4 - (-2)$

11) $-8 + (-3) - 3 + (-7) - 10$

This is the last time students will see Section "1" material on a weekly test and the last opportunity students can show mastery. It is arguably the most important section on the test.

1.2c Absolute Value (NS 2.5*)

/4

12) Provide a description of what *absolute value* means. You must use at least two of the following: a) definition, b) example, c) diagram

13) Simplify the following expression. Explain each step both numerically and with written description or diagram.

$|12| - |-6| + 3$

Score Box:
Students receive a 1-4 on each concept or standard.

CST PREP- This will be extra credit and can give students an extra "5" at the end of the quarter

The Equation $(5+2)(5-7) = (5-7)(5+2)$ illustrates what property?

- a) Identify Property of addition
- b) Commutative property of multiplication
- c) Associative property of multiplication
- d) Associative property of addition

