Name:_____
Period: _____ Date: _____

7ACC - SBAC Review: Number Sense
No calculator

Determine if each statement is always true, sometimes true, or never true.Use examples to support your answers.

1) A negative number can be greater than a positive number. Always Sometimes Never

2) A positive number plus a negative number is negative. Always Sometimes Never

3) Subtracting a number is equivalent to adding its opposite. Always Sometimes Never

4) The absolute value of a number is equivalent to its opposite. Always Sometimes Never

Select the property that best describes the equations below.

5) ½ x 2 = 1
   a. Associative Property of Multiplication
   b. Commutative Property of Multiplication
   c. Distributive Property
   d. Identity Property
   e. Multiplicative Inverse

6) 5(3 + 2) = 5·3 + 5·2
   a. Associative Property of Addition
   b. Commutative Property of Addition
   c. Distributive Property
   d. Identity Property
   e. Additive Inverse

7) 4(5·3) = (4·5) · 3
   a. Associative Property of Multiplication
   b. Commutative Property of Multiplication
   c. Distributive Property
   d. Identity Property
   e. Multiplicative Inverse

Fill in the blank.

8) The opposite of the opposite of -3 is _____.

9) The opposite of |-5| is _____.

10) |-10| = _____.

11) |2-6| = _____.

Compute.

12) A mountain is 12,037 ft tall. A desert is 1399 ft below sea level. What is the difference between the two elevations?

Convert the decimals to <u>SIMPLIFIED</u> fractions.

13) 3.578

14) $.\overline{23}$

15) $.0\overline{47}$

16) Mrs. Ferrell has 7/9 lbs of chocolate. If she ate ⅓ of it, how much will she have left?

17) Betty normally studies for 2 ½ hours every night. Tonight Mr. Smith didn't give any homework! If Betty only had to study for ¾ of her normal time, how many **minutes** did Betty study?

Compute. Solutions should be in the same form as the problem (decimal or fraction). All fractions should be simplified.

18) 3.75 - 4

19) 8 ⅔ - 5 ⅚

20) -⅚ ÷ 3 ¾

21) 85.4 ÷ .28

22) -4 ½ (-5 ⅗)

23) 48.5 (.97)