

Name \_\_\_\_\_

Date \_\_\_\_\_

## Unit 1 – The Number System Homework #8 - Number Properties

CCSS: 7.NS.1.a

 Practice

**Directions:** For questions 1 through 6, write the property that is represented by the given equation.

1.  $0 + \frac{7}{12} = \frac{7}{12}$  Additive Identity

2.  $5.4 + 2.9 = 2.9 + 5.4$  Commutative Property

3.  $(9\frac{1}{2} + 3\frac{3}{4}) + 4\frac{1}{4} = 9\frac{1}{2} + (3\frac{3}{4} + 4\frac{1}{4})$  Associative Property of Addition

4.  $-6.1 + 0 = -6.1$  Additive Identity

5.  $\frac{-9}{10} + \frac{1}{2} = \frac{1}{2} + (\frac{-9}{10})$  Commutative Property

6.  $8.2 + (4.9 + 3.8) = (8.2 + 4.9) + 3.8$  Associative Property of Addition

**Directions:** For questions 7 through 10, complete each equation to make it a true statement.

7.  $(5.5 + 7.1) + 6.5 = 5.5 + (7.1 + \underline{6.5})$

8.  $-21 + \underline{0} = -21$

9.  $\frac{3}{8} + \frac{7}{8} = \underline{\frac{1}{8}} + \frac{3}{8}$

10.  $(2\frac{3}{10} + 7\frac{1}{5}) + 9\frac{7}{10} = 2\frac{3}{10} + (\underline{7\frac{1}{5}} + 9\frac{7}{10})$

