Name : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period: \_\_\_\_\_\_\_\_

**Unit 1 Test Review**

1. Simplify the following:

a) 8 + (-12)

b) 2 – (-15)

c) -6 – 10

d) (-11) – (-4)

2. Simplify the following:

a) |-3|

b) -|3|

c) 10 + |-3|

d) 10 - |3|

3. Find each missing value below.

a) 12.4 + x = 0 b) 9 + x + (-3) = 0

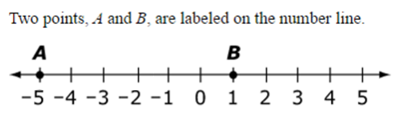
c) -18 + 35 + x – 54 = 0 d) 0.8 + 3/5 – 7/10 – (-0.5) + x = 0

4. Find the difference between the following pairs of values:

a) 18 feet above sea level and 20 feet below sea level

b) A credit of $29.28 and a debit of $12.83

c) 45 degrees and 18 degrees below zero

5.

What is the value of A?

What is the value of B?

What is the value of A + B?

What is the value of A – B?

What is the value of B – A?

7. Julie is reading her monthly bank account statement, which shows the following transactions.

What should his account balance read for this month?

$26.67, -$23.88, $45.91, -$18.37, $10.38

8. Fill each blank with a >, <, or =.

a) -5 + 5 6 – (-6)

b) |-8 + 4| |8 – 4|

c) -|24 – 8| -12 – 4

d) |-9| - (-2) -1 – (-12)

9. Find the distance between the following numbers. (Hint: |x – y|)

a) -2 and -4

b) -8 and 3

c) 14 and 87

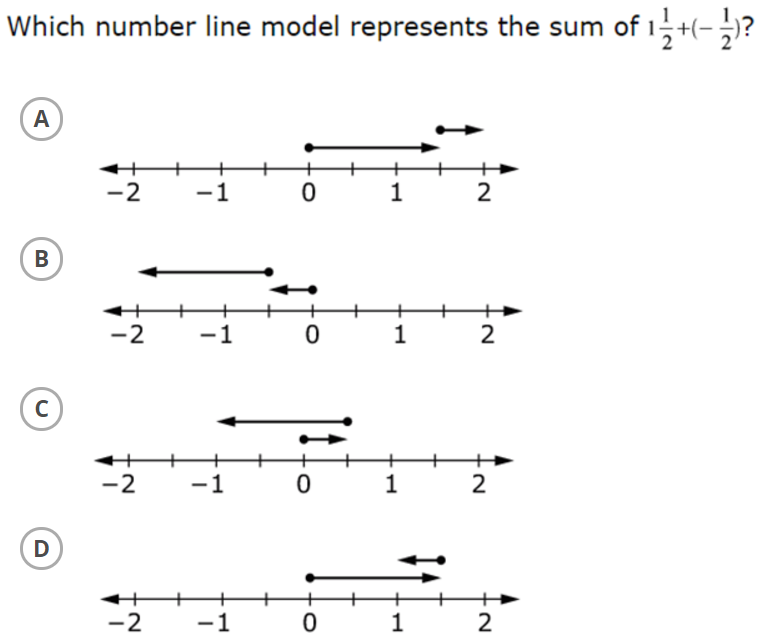
d) -29 and 45

10. Find the missing values below.

a) If a – b = a + 9, what is the value of b?

b) If c + d = c – 2, what is the value of d?

11. Which number line model represents the sum of -1/2 + (-3/2)?



12. Find each sum.

a) 0.829 + 24.3 b) -53.87 + 97

13. Find each difference.

a) 3/8 – 13/4 b) -4/5 – 11/15

14. Find the distance between… A & B: \_\_\_\_\_\_\_\_ A & C: \_\_\_\_\_\_\_\_

