Mr. Coon's 6th Grade Math Class   Name_____

Unit Test #1 - Practice   Date_____

Part 1 - No calculators. Find each product. Be sure to circle your answer and show all work.

1) 0.6×4.6 2) 5.8×7.3

3) 6.8×3.4 4) 3.9×7.8

5) 8.1×1.1 6) _____ are the set of
                                                    positive whole numbers, and their
                                                    opposites.

7) Two numbers that are the same distance   8) The _____ of
    from 0 on a number line, but in opposites   a number is its distance from zero on a
    directions, are _____.   number line.

9) What is the absolute value of |-11| ?   10) Order the numbers from least to greatest.
    _____
                                                         -4, 0, 7, -1, -9 _____.

11) Two numbers whose sum is zero are

_____.

Evaluate each expression.

12) $(-6) + 1$

13) $(-5) + (-2)$

14) $5 + (-1)$

15) $(-6) - (-5)$

16) $6 - (-8)$

17) $(-7) - (-7)$

18) $(-1) - 6$

19) $(-2) + 2$

20) $3 - (-4)$

21) $(-2) + (-7)$

22) You earn $5.28 an hour at your job in a restaurant but pay for any food you eat. On Friday you recieve a check for 7 hours of work, minus $8.90 for food. What is the amount on your check?

_____

Find each product.

23) 9×-3

24) -2×4
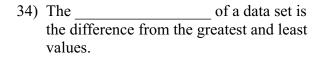
25) 4×-7

26) -8×8

27) -3×-9

28) -6×-10

29) -9×-10

30) The average is the _____, which is the sum of the data divided by the number of data items.

31) An _____ is a data item that is much higher or lower than the other items in a set of data.

32) The _____ of a data set is the item that occurs with the greatest frequency. It occurs the most.

33) The _____ os a data set is the middle value when the data are arranged in numerical order.

34) The _____ of a data set is the difference from the greatest and least values.

35) To avoid confusion, mathematicians have agreed upon a particular

_____.

Show, with arrows the distributive property and solve.

36) $3(7 + 6)$

37) $9(3 - 1)$

Part #2 - You may use Calculators. Find the mode, median, mean, and range for each data set.

38)   Hours Slept

| 7 | 6.75 | 7.75 | 8.25 | 7.25 |
| 6.75 | 6.25 | 7.5 | 7.75 | |

39)   Age at First Job

| 17 | 14 | 18 | 12 | 15 | 13 | 22 |
| 16 | 13 | | | | | |

40)   Shoe Size

| 9 | 8.5 | 6 | 7 | 8 | 6 | 7 |
| 8.5 | 8.5 | 9.5 | 7.5 | | | |

41)   Goals in a Hockey Game

| 5 | 6 | 8 | 5 | 10 | 5 | 7 | 3 |
| 7 | 9 | 3 | | | | | |

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