Name: _____ School: _____

Class: _____ Date: _____

Addition and Subtraction Unit Test

Multiple choice: choose the correct answer from the options given.

1. When adding integers with different signs (a positive and a negative) you should

   a. Add and keep the sign of the larger number
   b. Subtract and keep the sign of the larger number
   c. Add and keep the sign of the smaller number
   d. Subtract and keep the sign of the smaller number

2. When adding integers with same signs you should

   a. Add and keep the sign of the larger number
   b. Add and keep the sign
   c. Subtract and keep the sign of the larger number
   d. Subtract and keep the sign

3. The _____ property of addition states that you can add numbers in any order.

   a. Commutative
   b. Associative
   c. Identity
   d. None of the above

4. The _____ property of addition states that you can group numbers in any combination.

   a. Commutative
   b. Associative
   c. Identity
   d. None of the above

LIVEWORKSHEETS

5. Solve: $-7 - 5 =$

   a. -2
   b. -12
   c. 12
   d. 2

6. $6 + 3 = 3 + 6$ is an example of which property of addition?

   a. Commutative
   b. Associative
   c. Identity
   d. None of the above

7. In the expression $n - 5 = 20$, n is equal to

   a. 20
   b. 5
   c. 25
   d. 15

8. Emily bought some ice cream cones which cost $24. She paid $m and got back $6 of change. Find m. Which expression would best solve this problem?

   a. $24 - m = 6$
   b. $m - 24 = 6$
   c. $24 + m = 6$
   d. $m + 24 = 6$

9. $(6 + 3) + 4 = 6 + (3 + 4)$ is an example of which property of addition?

   a. Commutative
   b. Associative
   c. Identity
   d. None of the above

LIVEWORKSHEETS

10. In the morning, there were 56 people at the beach. Later at noon n people arrived at the beach. There were then 126 people at the beach. How many people arrived at the beach at noon?

    a. 182

    b. 70

    c. 56

    d. 126

Problem Solving: Solve the following based on the instructions given.

Solve the following using mental math.

11. -5 + 2 =

12. 3 – (-1) =

13. -6 + (-6) =

14. -3 – (-1) =

15. -5 – 3 =

Solve the following. Answer in complete sentences.

16. The temperature was -5 degrees F but raised 2 degrees F. What was the new temperature?

    Expression: Answer:

17. Susan's bank account was $157 negative before she deposited $200. What was her new balance?

    Expression: Answer:

18. Jessica was given $20 for her birthday. She bought a pair of shoes for $30. What was her new balance?

    Expression: Answer:

LIVEWORKSHEETS

Solve for the missing variables.

19. $10 + j = 19$
20. $V + 16 = 32$
21. $54 - n = 24$
22. $Y - 19 = 35$
23. $5 + n = 11$

Solve the following. Answer in complete sentences. Show some rough work.

24. The train was schedules to leave at 40 minutes after noon but due to maintenance, the train left x minutes later than the scheduled time. At the end, the train left 75 minutes after noon. How many minutes late did the train leave?

25. Ashley bought 2 boxes of small toys of party favors for her daughter's birthday party. The bigger box contains t toys and the smaller box contains 12 toys. She bought a total of 28 toys. Find t.

LIVEWORKSHEETS