SECOND QUARTERLY EXAMINATION IN MATHEMATICS 6

Name: _____

Score: _____ /50

Grade level: _____

Date: _____

I. MULTIPLE CHOICE.

Directions: Read each question carefully. Write the letter of the correct answer. Use small letters only.

1. Which integer is greater than -5?
a) -7
b) -1
c) -9
d) -11

2. How many integers are there between -8 and 2?
a) 7
b) 4
c) 0
d) 9

3. What is the opposite value of the integer 6?
a) -6
b) 5
c) 6
d) -4

4. Which of the following integers is greater than -1 and lesser than 7?
a) -9
b) 5
c) -5
d) 8

5. How many pairs of opposite integers are there between -4 and 5?
a) 3
b) 8
c) 2
d) 6

6. Identify the integer that is less than -3.
a) 0
b) -1
c) -4
d) 2

7. The following data shows the changes in temperatures across various cities from morning to noon. Which city recorded the maximum temperature?
a) Atlanta 20°C
b) Chicago 13°C
c) Boston 12°C
d) Houston 25°C

8. How many positive integers are there in between −5 and 5.
a) 11
b) 5
c) 4
d) 9

9. 10 more than −7 is _____.
a) −7
b) −3
c) 3
d) 17

10. One integer is greater than the other by 6. If one number is −20, then the other number is _____.
a) −26
b) −14
c) −20
d) None of these

II. SOLVE.

Directions: Solve the following by using GEMDAS. Use a separate sheet of paper for your solutions. Type only the correct answer.

11-15. $9^2 \times 3 \times 1 - 3$

16-20. $7^3 + 6^3 \div 1 \times 5$

21-25. $9 \times 5 + 2^3 - 9$

26-30. $6^2 + 9 \div 6^2 \times 12 \div 1$

III. PROBLEM-SOLVING

Directions: Solve the following problems. Use a separate sheet of paper for your solutions. Write only the final answer in the blank.

31-35. The population of a town was 25,000 in the 2000 census and 30,000 in the 2010 census. By what percent did the population increase?

_____

36-40. Sales tax in a certain community is 7%. If the sales tax on a new car was $1400, what was the selling price of the car?

_____

LIVEWORKSHEETS

41-45. Mr. Jones receives 10% commission on each sale that he makes. He earned $450 last week in commissions. How much were his sales?

_____

46-50. A store owner paid $120 wholesale price for a suit. He needs to make a 35% profit on the sale of the suit. By how much should he markup the price of the suit to make his desired profit?

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