



Colegio de Sta. Rosa - Trece Martires City, Inc.

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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.

- Which integer is greater than -5 ?
 - -7
 - -1
 - -9
 - -11
- How many integers are there between -8 and 2 ?
 - 7
 - 4
 - 0
 - 9
- What is the opposite value of the integer 6 ?
 - -6
 - 5
 - 6
 - -4
- Which of the following integers is greater than -1 and lesser than 7 ?
 - -9
 - 5
 - -5
 - 8
- How many pairs of opposite integers are there between -4 and 5 ?
 - 3
 - 8
 - 2
 - 6
- Identify the integer that is less than -3 .
 - 0
 - -1
 - -4
 - 2
- The following data shows the changes in temperatures across various cities from morning to noon.
Which city recorded the maximum temperature?
 - Atlanta 20°C
 - Chicago 13°C
 - Boston 12°C
 - Houston 25°C

Vision: *Colegio de Sta. Rosa envision a community of committed Christians, who in one mind and one heart in God are morally upright, intellectually competent, service oriented, and ecology conscious.*



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

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?

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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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