La Verne Academy Inc.

"Educating the Mind, Transforming the Heart,
Nurturing the Spirit and Strengthening the Physique"
B29 L20-23 Washington St., Golden City Subd., Anabu IIF, Imus City, Cavite
Junior High Department
School Year 2020 – 2021

Second Quarterly Test

Name:	**Date:** December 1, 2021
Subject Area: Mathematics 6	**Teacher:** SIR DEN

General Instruction: Answer the following problem.

I. Multiple Choice: Choose the best answer.

1. If there are 5 Footballs and 7 Netballs, write the ratio of Netballs to Footballs.
   a. 5 is to 7   c. 7 is to 5
   b. 5 is to 12   d. 7 is to 12

2. The pet shop has 2 dogs, 4 cats, and 5 hamsters. What is the ratio of dogs to all pets?
   a. 2 : 4   c. 2 : 5
   b. 2 : 11   d. 11 : 2

3. Snow fell consistently for 6 hours. Harps said: 'We have had 30 cm of snow in 6 hours'. How much Snow per hour?
   a. 6 cm of snow per hour   c. 30 cm of snow per hour
   b. 5 cm of snow per hour   d. 3 cm of snow per hour

4. Simplify as fully as possible 28:42
   a. 14 : 21   c. 3 : 2
   b. 1 : 1 ½   d. 2 : 3

5. In a class there are 30 boys and 12 girls. Find the ratio of number of boys to number of girls.
   a. 2 : 5   c. 5 : 2
   b. 3 : 4   d. None of the Above

6. Solve for x: $\frac{9}{36} = \frac{x}{24}$
   a. x = 6   c. x = 1/6
   b. x = 7   d. x = 9

7. Which of these ratios is equivalent to 3:4?
   a. 12 : 9   c. 9 : 20
   b. 9 : 12   d. 803 : 804

8. If a : b = 3 : 4 and b : c = 6 : 7, then a : b : c =
   a. 3 : 24 : 7   c. 9 : 12 : 14
   b. 7 : 24 : 3   d. 14 : 12 : 9

9. Solve: 9 + (-817) = ?
   a. 826   c. -826
   c. 808   d. -808

10. Solve: -20 + (-90)
    a. 110   c. -110
    b. 70   d. -70

11. When adding integers with DIFFERENT signs...
    a. you take the sign of the smaller absolute value

12. Bob lost 5 points on page one of his math test and he lost 9 points on page two of his math test. Which equation best describes Bob progress on his math test?
   a. 5 + 9 = 14   c. -5 + -9 = -4
   b. -5 + -9 = -14   d. 5 + -9 = -4

13. A football team gained 9 yards on one play and then lost 22 yards on the next. Write a sum of integers to find the overall change in field position.
   a. -9 + (-22) = -13   c. 9 + (-22) = 13
   b. 9 + (-22) = -13   d. NONE

14. At 2pm, the temperature was 15 degrees. By midnight, the temperature dropped by 30 degrees. What is the temperature at midnight?
   a. 45 degrees   c. -45 degrees
   b. 15 degrees   d. -15 degrees

15. What is the difference between negative four and negative ten?
   a. negative fourteen   c. negative six
   b. positive six   d. positive fourteen

II. Complete the table: The first on has been done for you.

Exponent	Expanded Form	Equivalent
2^3	2 x 2 x 2	8
7^5		
	4 x 4 x 4 x 4 x 4 x 4 x 4	
		128
$3^4 \cdot 5^3$		
	7 x 7 x 7 x 15 x 15 x 15 x 15 x 3	

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