



Saint John School
San Juan, San Ildefonso, Bulacan
SECOND PERIODIC TEST
FIRST QUARTER
MATHEMATICS VI

Name: _____

Grade and Section: _____

Teacher: Elizabeth C. Regala

Score: _____

Note: No spaces and USE only slash (/). Example: 1/100

Change the following FRACTION to PERCENT.

1. $\frac{94}{100} =$ _____

2. $\frac{79}{100} =$ _____

3. $\frac{66}{100} =$ _____

4. $\frac{15}{100} =$ _____

5. $\frac{93}{100} =$ _____

Change the following RATIO to PERCENT.

6. 53 is to 100 = _____

7. 82 : 100 = _____

8. 12 is to 100 = _____

9. 45: 100 = _____

10. 66 is to 100 = _____

Change the following PERCENT in FRACTION. SIMPLIFY if possible.

11. 23 % - _____

12. 38 % - _____

13. 36.2 % - _____

14. 10 % - _____

15. 2.4 % - _____

16. 20.75 % - _____

Change DECIMAL to PERCENT. Use the % sign.

17. 0.4 = _____

18. 1.5 = _____

19. 14.3 = _____

20. 0.05 = _____

21. 5.6 = _____

22. 0.8 = _____

23. 5.3 = _____

24. $0.6 =$ _____

25. $0.15 =$ _____

26. $0.23 =$ _____

27. $0.69 =$ _____

Change PERCENT to DECIMAL.

28. $15\% =$ _____

29. $28\% =$ _____

30. $0.54\% =$ _____

31. $140\% =$ _____

32. $2.03\% =$ _____

33. $0.26\% =$ _____

34. $14\% =$ _____

35. $89\% =$ _____

II. Read and identify each item carefully. Write the letter only.

I. mark up **S.** percentage **O.** sales tax **H.** Value added tax **A.** simple interest
J. proportion **T.** per centrum **N.** discount **K.** mark down **M.** commission

_____ 36. It is used frequently in our daily lives.

_____ 37. It means per hundreds.

_____ 38. It is often used to solve percentage.

_____ 39. It is a percent of each sale or purchase.

_____ 40. It is a type of sales tax which is levied on consumption on the sales of good, services or properties.

_____ 41. It is an amount subtracted from the original or regular price.

_____ 42. It is the rate decrease in the original or wholesale price.

_____ 43. It is the interest computed on the principal amount.

_____ 44. It is the percent of selling price.

_____ 45. It is the rate increase in the original or wholesale price.

Read and answer each problem carefully.

Note: Numbers, percentage (%) sign only and decimal point if needed. NO others words should be written.

46-47. Sam has Php.1, 200. Darlene has 15% more than Sam. How much does Darlene have?

48-49. Andrei was able to sell 45% of his fruits before noon. If Andrei had 400 kg of fruits in the morning, how many grams of fruits was he able to sell by noon?

50-51. The price of rice is increased from 45 to 62.50 per kg. Find the percentage increase in price.

52-53. The population in a small town decreases from 3 500 to 2 100 in one year. Find the percentage increase in population.

54-55. Teacher Beth bought a bag that had an original price of Php.1,150. If she received a 30% discount what was the sale price?

56-57. The price of a bicycle is 1,500. How much do you need to pay if you get a 10% discount?

58-59. Ambher purchased medicines worth Php.285. She also had to pay a sales tax of 12%. Find the amount of tax and the total price.

60-61. The price of a new car is 29,990. If the sales tax rate is 2%, then how much sales tax is being charged? What is the total cost for the car including tax?

62-63. What would yield an interest of Php. 4 600 in 3 years at 4% ?

64-65. What would yield an interest of Php. 20, 500 at 7% in 6 years.

66-67. A computer software retailer used a markup rate of 40%. Find the selling price of a computer game that cost the retailer 1500.

68-69. The wholesale price of bag is Php.1 200. The storeowner plans to sell the bag at a markdown rate of 20%. What will be the selling price of the bag?