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

Name: _____ **Grade and Section:** _____
Teacher: Elizabeth C. Regala **Score:** _____

I. Express the ratio in three ways.

Given	Fraction	Colon	To
fries and burger	1.	2	3.
spaghetti and donut	4.	5.	6.
burger and ice cream	7.	8.	9.
chicken joy and cake	10.	11.	12.
donut and fries	13.	14.	15.
burger and chicken	16.	17.	18.
ice cream and spaghetti	19.	20.	21.
cake and hotdog buns	22.	22.	23.

II. Read each item carefully. Write T if it is true and F if it is not.

_____24. Ratio is a comparison of two numbers or quantities.

_____25. Ratio is used to express how many times one quantity is bigger or smaller than the other.

_____26. The numbers in ratio is called terms.

_____27. Ratio deals with relationship between two quantities.

_____28. Equivalent rate are ratios that express the same relationship between numbers.

_____29. Equivalent ratio is a rate in which the denominator is 1 unit.

_____30. Population rate defined as the population per square kilometer.

III. Identify whether the following are equivalent ratio. Write E for equivalent and X if it is not.

_____31. 3:4 = 6:8

_____32. 9:4 = 8:18

_____33. 24:8 = 9:3

_____34. 2:16 = 5:8

_____35. 4:150 = 2:75

_____36. 5:2 = 10:5

_____37. 1:3 = 2:6

_____38. 5:10 = 2:5

_____39. 6:2 = 12:4

_____40. 9:3 = 4:1

IV. Find the equivalent ratio for each given ratio. Write the answer in the blank.

41. 5:10 = _____ : _____

42. 3:4 = _____ : _____

43. 6:2 = _____: _____

44. 8: 5 = _____: _____

45. 9: 15 =_____ : _____

46. _____ : _____ = 8:10

47. _____ : _____ = 2:3

48. _____ : _____ = 3:8

49. _____ : _____ = 4:5

50. _____ : _____ = 2:6

V. Simplify the following ratio.

51. 5/25 = _____

52. 4/48 = _____

53. 30/90 = _____

54. 9/99 = _____

55. 15/45 = _____

VI. Solve the following to get the unit price of the following.

55-58. The selling price of 4 t-shirts at bazaar is Php.1,500. Find the unit price of the t-shirt.

59-61. In 2020, a security guard in the Bulacan receives a wage of Php.18,600 for 8 days of work. What is the daily wage rate?

64-67. Teacher Beth pays for Php.1,500 of 15 kg of peanuts. What is the unit price of the peanuts?

68-70. The selling price of 12 t-shirts at night market is Php.3,960. Find the unit price of the t-shirt.