



SECOND PERIODICAL EXAM

School Year 2021-2022

MATHEMATICS VI

Name: _____ Grade and Section: 6 – Turquoise

Teacher: Elizabeth C. Regala

NOTE: Read the directions carefully.
NOT following the direction is wrong.
WRONG SPELLING is WRONG.

I. Express the ratio in three ways. Use SLASH (/) in fraction and AVOID using space.



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.	23.	24.

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

- ____ 25. $3:4 = 6:8$
- ____ 26. $9:4 = 8:18$
- ____ 27. $24:8 = 9:3$
- ____ 28. $2:16 = 5:8$
- ____ 29. $4:150 = 2:75$
- ____ 30. $5:2 = 10:5$
- ____ 31. $1:3 = 2:6$
- ____ 32. $5:10 = 2:5$
- ____ 33. $6:2 = 12:4$
- ____ 34. $9:3 = 4:1$
- ____ 35. $6:3 = 6:3$

B. Simplify the following ratio. Use slash (/). Ex. 4/5

36. $5/25 =$ _____
37. $4/48 =$ _____
38. $30/90 =$ _____
39. $9/99 =$ _____
40. $15/45 =$ _____

V. Solve for the missing term in each proportion. Write your answer on the space provided.

_____ 41-42. $\frac{4}{10} = \frac{32}{n}$

_____ 43-44. $\frac{15}{5} = \frac{n}{4}$

_____ 45-46. $\frac{n}{3} = \frac{126}{18}$

_____ 47-48. $\frac{35}{7} = \frac{25}{n}$

_____ 49-50. $\frac{6}{12} = \frac{n}{6}$



"WISHING YOU A MERRY CHRISTMAS and A HAPPY NEW YEAR"