



Saint John School
San Juan, San Ildefonso, Bulacan
MONTHLY TEST
THIRD QUARTER
MATHEMATICS VI

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

I. Complete the following ratio by supplying the missing term.

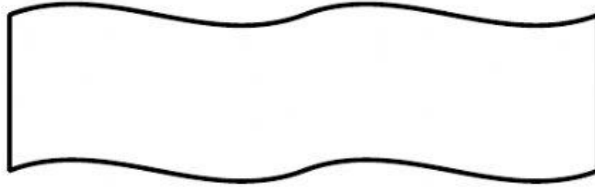
1. $2 : 3 = \underline{\hspace{2cm}} : 9$
2. $4 : 5 = 20 : \underline{\hspace{2cm}}$
3. $8 : 4 = \underline{\hspace{2cm}} : 1$
4. $1 : 7 = \underline{\hspace{2cm}} : 49$
5. $2 : 7 = 10 : \underline{\hspace{2cm}}$
6. $20 : \underline{\hspace{2cm}} = 40 : 10$
7. $5 : \underline{\hspace{2cm}} = 10 : 20$
8. $\underline{\hspace{2cm}} : 5 = 10 : 25$
9. $\underline{\hspace{2cm}} : 6 = 28 : 84$
10. $\underline{\hspace{2cm}} : 24 = 11 : 12$

II. Identify whether the given numbers are proportion or not. Write **PROPORTION if it is proportion and **OOPS** if it is not.**

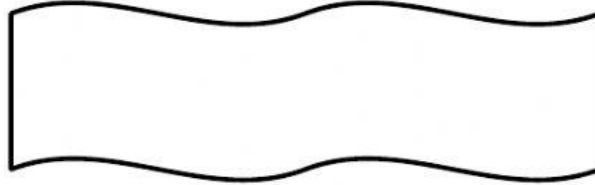
- _____ 11. $5 : 15$ and $10 : 30$
- _____ 12. $16 : 4$ and $25 : 5$
- _____ 13. $10 : 15$ and $20 : 25$
- _____ 14. $20 : 60$ and $30 : 90$
- _____ 15. $5 : 10$ and $100 : 300$
- _____ 16. $12 : 10$ and $24 : 20$
- _____ 17. $75 : 25$ and $10 : 35$
- _____ 18. $30 : 300$ and $70 : 700$
- _____ 19. $12 : 24$ and $6 : 12$
- _____ 20. $20 : 30$ and $40 : 50$
- _____ 21. $100 : 1$ and $20 : 200$
- _____ 22. $5 : 25$ and $12 : 60$
- _____ 23. $20 : 140$ and $11 : 77$
- _____ 24. $16 : 4$ and $100 : 20$
- _____ 25. $4 : 8$ and $2 : 4$

Read and solve the problem carefully. (3pts. each)

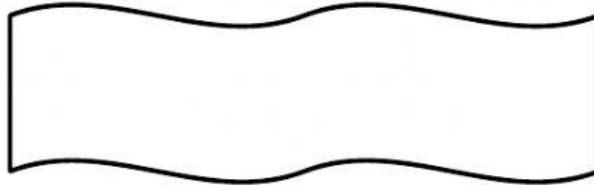
26-28. In the university in Manila, the teacher to students ratio is 1 : 35. How many students are there if there are 22 teachers?



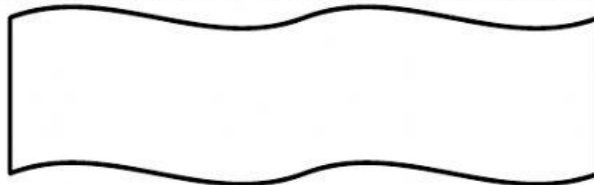
29 – 31. A car uses 5 liters of gasoline for a distance of 110 km. At this rate, how many liters of gasoline will the car consume for a distance of 165 km.



32-34. A woman can burn approximately 300 calories by walking up and down the stairs for about 30 minutes. About how long it will take her to burn 900 calories?



35-37. The ratio of baseballs to tennis balls in the box is 8 is to 7. My mom brings in 5 more baseballs. What will happen to the ratio of basketballs to tennis balls?



38-40. You can buy a Mathematics book for Php.400. How many can you buy for Php.1, 600?

