



## 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

Intermediate Department  
School Year 2021 – 2022

**Name:**

**Date:** February, 2022

**Subject Area: Mathematics 5**

**Teacher:** SIR DEN

**General Instruction:** Answer the given problems.

**I. Multiple Choice:** Choose the best answer.

- It is a comparison of two or more quantities.
  - ratio
  - proportion
  - equation
  - percentage
- Two ratios are proportion when \_\_\_\_\_.
  - they are equal
  - they both more than 1
  - they are both 0
  - none of the above
- Which among the ratios are proportion?
  - $1:2 = 2:3$
  - $1:2 = 3:4$
  - $1:2 = 10:20$
  - $1:2 = 11:12$
- In the class of grade 5, there are 12 boys for every 10 girls. The ratio of boys to girls is \_\_\_\_\_.
  - 12 : 10
  - 2 : 1
  - 6 to 5
  - 1 to 2
- Matt sold 35 tickets to the school play and Renee sold 45 tickets. What is the ratio of the number of tickets Matt sold to the number of tickets Renee sold?
  - $9/7$
  - $7/9$
  - $7/16$
  - $16/7$
- Which ratios are equal to  $4 : 32$ ?
  - $2 : 16$
  - $4 : 16$
  - $1 : 4$
  - $2 : 32$
- Find a ratio equivalent to  $27/81$ .
  - $3:10$
  - $1:3$
  - $9:9$
  - $5:9$
- Solve for  $x$ :  $3:4 = x:8$ 
  - 6
  - 7
  - 8
  - 9
- Solve for  $x$ :  $12:9 = 4:x$ 
  - 1
  - 27
  - 3
  - 30
- In a geometry class, the ratio of boys to girls is 2 to 3. If there are 20 students in this class, how many girls are there?
  - 8
  - 10
  - 12
  - 14
- What percent is 5 in 20?
  - 5%
  - 25%
  - 20%
  - 50%



Prepared by:

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Checked by:

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