





## 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  
Junior High Department  
School Year 2021 – 2022



### Fourth Quarterly Test

Name: \_\_\_\_\_

Date: April 5, 2022

Subject Area: Mathematics 4

Teacher: SIR DEN

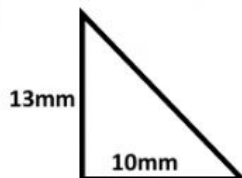
**General Instruction:** Answer the following problem.

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

- It is the distance around the edge of a shape or a figure.  
a. rectangle  
b. triangle  
c. perimeter  
d. area
- It is the amount of space taken up by a closed-shape figure.  
a. rectangle  
b. triangle  
c. perimeter  
d. area
- If one side of a square is 9cm, then its perimeter is \_\_\_\_\_.  
a. 9cm  
b. 18cm  
c. 36cm  
d. 81cm
- To find the distance of the line around the edge of a rectangle what is the formula to be use?  
a.  $L \times W$   
b.  $2L \times 2W$   
c.  $L + W$   
d.  $2L + 2W$
- To get the area of a rectangle, what formula is to be use?  
a.  $L \times W$   
b.  $2L \times 2W$   
c.  $L + W$   
d.  $2L + 2W$
- A rectangle that has a length of 5cm and a width of 4cm has a total area of \_\_\_\_\_.  
a.  $20\text{cm}^2$   
b.  $18\text{cm}^2$   
c. 20cm  
d. 18cm

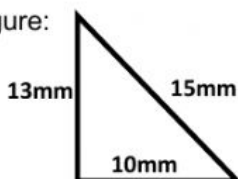
7. Find the area of the figure:

- $23\text{mm}^2$
- $65\text{mm}^2$
- $130\text{mm}^2$
- 130mm



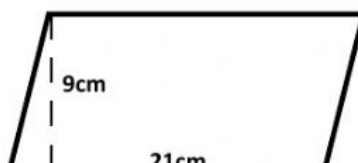
8. Find the perimeter of the figure:

- 23mm
- 25mm
- 28mm
- 38mm



9. Solve for the area of the parallelogram:

- $20\text{cm}^2$
- $189\text{cm}^2$
- 20cm
- $94.5\text{cm}^2$

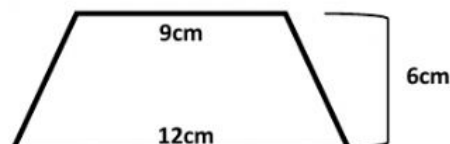




10. Which is TRUE about square?
- It has 4 equal sides.
  - It has 1 pair of parallel line.
  - Rectangle is considered square.
  - The sum of the interior angle of the square is 180 degrees.
11. One side of an equilateral triangle measures 25cm. Its perimeter is \_\_\_\_.
- 50cm
  - 100cm
  - 75cm
  - 625cm
12. If the area of the rectangle is  $28\text{cm}^2$  and had length of 7cm, what is its width?
- 4cm
  - $4\text{cm}^2$
  - 21cm
  - $21\text{cm}^2$
13. The length of the rectangular frame is 20cm. The width is one-half of its length. Find the area of the figure.
- $10\text{cm}^2$
  - $30\text{cm}^2$
  - $200\text{cm}^2$
  - $60\text{cm}^2$
14. The length of the rectangular frame is 20cm. The width is one-half of its length. Find the perimeter of the figure.
- $10\text{cm}^2$
  - $30\text{cm}^2$
  - $200\text{cm}^2$
  - $60\text{cm}^2$
15. The perimeter of the rectangle is 12cm, if length side measures 4cm and width is 2cm. What is the measurement of the opposite side of 2cm?
- 0cm
  - 4cm
  - 2cm
  - 12cm
16. The base of a triangle measure 12cm and 8cm tall. Solve for its area.
- 20 cm
  - $48\text{cm}^2$
  - $96\text{cm}^2$
  - $40\text{cm}^2$
17. The sides of the triangle measures 19cm, 15cm, and 12cm respectively. Solve for its perimeter.
- 27cm
  - 31cm
  - 34cm
  - 46cm
18. The two bases of a trapezoid measures 6cm and 9cm, respectively. It has a height of 4cm. Its area is \_\_\_\_.
- $19\text{cm}^2$
  - $60\text{cm}^2$
  - $30\text{cm}^2$
  - $216\text{cm}^2$
19. The two bases of a trapezoid measures 12cm and 10cm, respectively. It has a height of 5cm. Its area is \_\_\_\_.
- $22\text{cm}^2$
  - $55\text{cm}^2$
  - $110\text{cm}^2$
  - $27\text{cm}^2$

20. Solve for the area:

- $21\text{cm}^2$
- $63\text{cm}^2$
- $126\text{cm}^2$
- $27\text{cm}^2$



21. It is the amount of space of a three-dimensional can accommodate.
- Perimeter
  - Volume
  - Area
  - Air

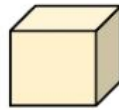


22. Which among the following is considered to be a three-dimensional figure?

a.



c.



b.



d.



23. How many sides does a prism has?

a. 4

b. 5

c. 6

d. 7



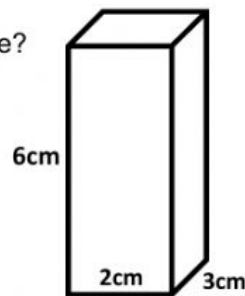
24. Solve for the area of the front face of the figure?

a.  $12 \text{ cm}^2$

b.  $8 \text{ cm}^2$

c.  $16 \text{ cm}^2$

d.  $24 \text{ cm}^2$



25. Solve for the surface area of the front face of the figure above.

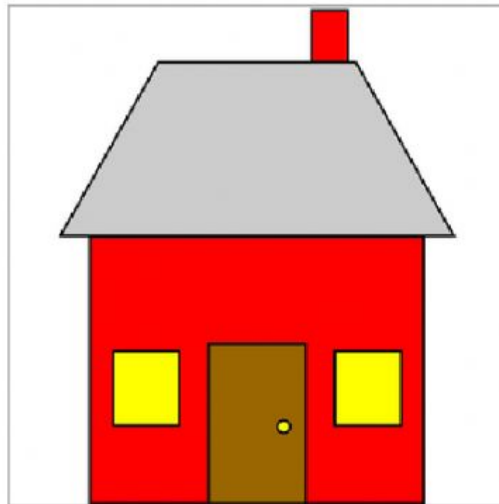
a. 12cm

c. 8 cm

b. 24 cm

d. 16 cm

For numbers 26 – 30, solve the illustrated figure:



26. The chimney on top of the house measures 2 meters wide and 3 meters tall, what is the amount area occupied by the chimney?

a.  $4\text{m}^2$

c.  $5\text{m}^2$

b.  $6\text{m}^2$

d.  $7\text{m}^2$

27. What is the area of the roof, if the top line measures 11 meters and the bottom part is 15 meters. And it is 9 meters tall?

a.  $117\text{m}^2$

c.  $234\text{m}^2$

b.  $26\text{m}^2$

d.  $35\text{m}^2$

28. The area of the door is equal to  $36\text{m}^2$ , if it is 9m tall. Solve how wide the door is.

a. 4m

c. 27m

b. 9m

d. 45m

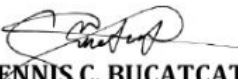


29. The windows of the house have the same measurements, if the length is 3m and 4m wide. What is the total area of the windows combined?
- a.  $1\text{m}^2$
  - b.  $7\text{m}^2$
  - c.  $12\text{m}^2$
  - d.  $24\text{m}^2$
30. The red color of the house or the wall is square-shaped wall, if the one of the side of the wall measures 13 meters. What is the perimeter of the wall?
- a. 13 m
  - b. 52 m
  - c. 26 m
  - d. 169 m

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