





## 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 2020 – 2021

### Third Quarterly Test



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

Date: February 23, 2022

Subject Area: Mathematics 6


Teacher: SIR DEN

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

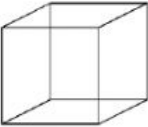



**I. Multiple Choice:** Choose the best answer.

- It is a combination of numbers, variables, and operations.
  - constant
  - equation
  - algebraic expression
  - exponent
- It is a letter or symbol that used to represent an unknown number.
  - constant
  - variable
  - coefficient
  - exponent
- It is the specific number in an expression or equation.
  - constant
  - variable
  - coefficient
  - exponent
- In the expression,  $3x + 2y - 3$ , what is the constant?
  - 3
  - y
  - x
  - 3
- In the expression,  $3xy + yz$ , how many variables are there?
  - 1
  - 2
  - 3
  - 4
- Evaluate the expression  $7x + 12x$ , if  $x = 3$ .
  - 19
  - 84
  - 57
  - 5
- Use  $x=3$  and  $y=4$ , when  $3xy - 5y + 15$ .
  - 31
  - 12
  - 30
  - 23
- Evaluate:  $2(5x + 4)$ , when  $x = -13$ 
  - 122
  - 138
  - 122
  - 138
- Evaluate  $\frac{x-2y}{3}$ , when  $x = 16$  and  $y = 2$ .
  - 4
  - 10
  - 8
  - 20
- Evaluate  $\frac{2xy}{2}$ , when  $x = 5$  and  $y = 8$ .
  - 10
  - 20
  - 30
  - 40

**II. Fill in the following table.**

SHAPE	Number of faces	Number of Edges	Number of Vertices
 TRIANGULAR PYRAMID			



III. Match items under column A with the items under column B. Write only the capital letter of your answer on the space before each number.

**COLUMN A**

- \_\_\_\_\_ 1. Nine less than twice a number.
- \_\_\_\_\_ 2. Half of a number.
- \_\_\_\_\_ 3. Four more than a number all tripled.
- \_\_\_\_\_ 4. Five divided twice a number.
- \_\_\_\_\_ 5. A number plus twelve is 21
- \_\_\_\_\_ 6. A product of 52 and a number c.
- \_\_\_\_\_ 7. Take away three form g.
- \_\_\_\_\_ 8. Twice the difference of 8 and a number.
- \_\_\_\_\_ 9. Three times a number plus one.
- \_\_\_\_\_ 10. The difference of negative eleven and twenty-two.

**COLUMN B**

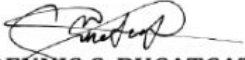
- A.  $5 \div 2n$
- B.  $-11 - 22$
- C.  $52c$
- D.  $2x - 9$
- E.  $3x + 1$
- F.  $\frac{x}{2}$
- G.  $2(8 - x)$
- H.  $G - 3$
- I.  $5 \times 2$
- J.  $x + 12 = 21$
- K.  $3(x + 4)$

IV. Solve. Show your solution in clean sheet of paper.

- \_\_\_\_\_ 1. Mr. Jobert cycles for 3hrs at a speed of 40 km/h. What distance did he travel?
- \_\_\_\_\_ 2. A car travels a distance of 540km in 6 hours. Calculate the speed.
- \_\_\_\_\_ 3. At the equator, the earth spins a distance of 25,992 miles everyday. At what speed does the earth spin at in mph.
- \_\_\_\_\_ 4. How long does it take to travel a distance of 672km at a speed of 96km/h?
- \_\_\_\_\_ 5. A beetle travels at a speed of 9cm/s., it travels a distance of 108cm before it is caught



Prepared by:

  
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