



NAME: _____ SCORE: _____
GRADE AND SECTION: _____ TEACHER: _____

FOURTH PERIODIC TEST IN MATHEMATICS
GRADE 4
2021-2022

Directions: Read and understand the following.

1. A solid figure is a 3-dimensional figure. It has length, width, and height.
a. true b. false c. maybe d. all of the above
2. Volume is measured in cubic units, such as cubic centimeters (cm^3).
a. true b. false c. maybe d. all of the above
3. Non-standard units cannot be used to measure volume.
a. true b. false c. maybe d. all of the above
4. Standard units give a consistent and accurate measure of the volume of a container.
a. true b. false c. maybe d. all of the above
5. The volume of a rectangular prism is equal to the product of its length, width, and
height. $V = l \times w \times h$ cubic units
a. true b. false c. maybe d. all of the above
6. The amount of space inside an object is called the volume of the object.
a. true b. false c. maybe d. all of the above
7. Volume is measured in square units.
a. true b. false c. maybe d. all of the above
8. To find the volume of rectangular prism multiply the length, width and height.
a. true b. false c. maybe d. all of the above
9. Objects with different shapes can have the same volume.
a. true b. false c. maybe d. all of the above
10. When the non-standard unit used is small, few units are needed to fill a container.
When the non-standard unit used is bigger, more units are needed to fill the
container.
a. true b. false c. maybe d. all of the above

II . Read each problem then, answer the questions that follow.

A rice field in the shape of a parallelogram is 300 meters long. The perpendicular distance between the base and its opposite side is 120 meters. What is its area?

11. What is asked for in the problem?
a. the area of the rice field
b. 300 meters long and 120 width
c. parallelogram
d. the perpendicular distance between bases.

12. What facts are given?

- a. the area of the rice field
- b. 300 meters long and 120 width
- c. parallelogram
- d. the perpendicular distance between bases.

13. What is the formula to solve the problem?

- a. $A = B \times H$
- b. $A = L \times W$
- c. $A = \frac{b \times h}{2}$
- d. $A = 4s$

14. How is the solution done?

- a. $300 \text{ m} \times 120 \text{ m} = 36,000 \text{ m}$
- b. $300 \text{ m} + 120 \text{ m} = 420 \text{ m}$
- c. $300 \text{ m} - 120 \text{ m} = 180 \text{ m}$
- d. $300 \text{ m} / 120 \text{ m} = 25 \text{ m}$

15. What is the complete answer?

- a. 36,000 m is the area of parallelogram
- b. 420 m is the area of parallelogram
- c. 180 m is the area of parallelogram
- d. 25 m is the area of parallelogram

A triangular pond has a base of 10 meters and a height of 6 meters.
What is the area of the pond?

16. What is asked in the problem?

- a. the triangular pond
- b. the area of the pond
- c. 10 meters and 6 meters
- d. the base of the pond

17. What are given facts?

- a. the triangular pond
- b. the area of the pond
- c. 10 meters and 6 meters
- d. the base of the pond

18. What is the formula to solve the problem?

- a. $A = B \times H$
- b. $A = L \times W$
- c. $A = \frac{b \times h}{2}$
- d. $A = 4s$

19. How is the solution done?

- a. $10 + 6 = 16 \text{ m}$
- b. $10 \times 6 = 60 \div 2 = 30 \text{ m}^2$
- c. $10 \times 6 = 60 \text{ square meters}$
- d. $10 \times 6 = 60 + 2 = 62 \text{ m}^2$

20. What is the complete answer?

- a. 16 cm
- b. 60 m
- c. 30 m^2
- d. 62 meters squared.

A garden inside a park has the shape of a trapezoid. Its bases are 8 meters and 6 meters. The perpendicular distance between these bases is 7 meters. What is the area of the garden?

21. What is asked for in the problem?

- a. the garden inside the park
- b. the shape of the park
- c. 8 meters and 6 meters
- d. the area of the garden

22. What are given facts?

- a. the garden inside the park
- b. the shape of the park

c. 8 meters and 6 meters

d. the area of the garden

23. What is the formula to solve the problem?

a. $A = \frac{(B_1 + B_2) H}{2}$ b. $A = B \times H$ c. $A = L \times W$ d. $A = \frac{b \times h}{2}$

25. What is the complete answer?

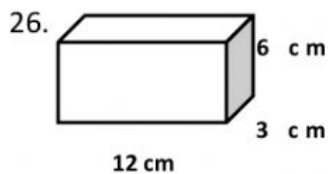
a. 49 m^2

c. 390 m^2

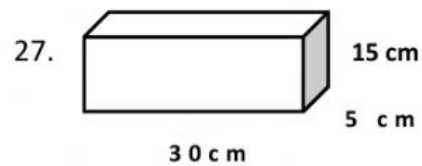
b. 490 m

d. 620 meters squared

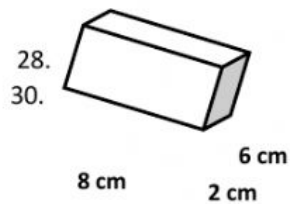
III. Find the volume of each solid figure below.



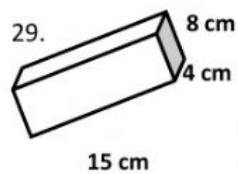
Volume: _____



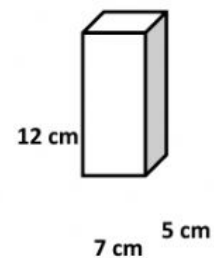
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Volume: _____

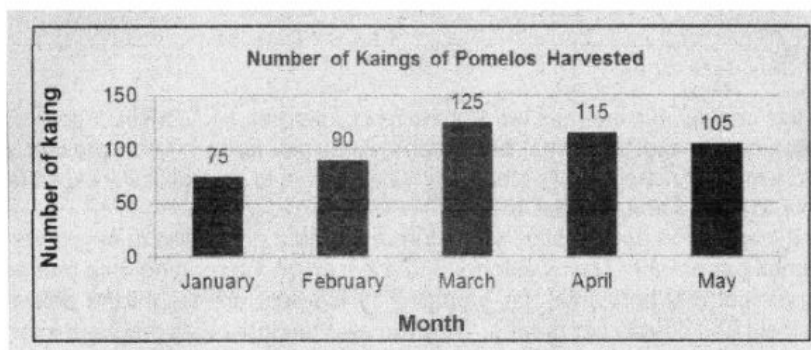


Volume: _____



Volume: _____

V. Study the graphs. Write the letter of your chosen answer on your answer sheet.



31. What month registers the least number of kaing of pomelos harvested?

- a. April c. January
b. February d. March

32. What month registers the most number of kaing of pomelos harvested?

- a. May c. January
b. March d. February

33. How many more kaing are harvested in February and April than in January and March?

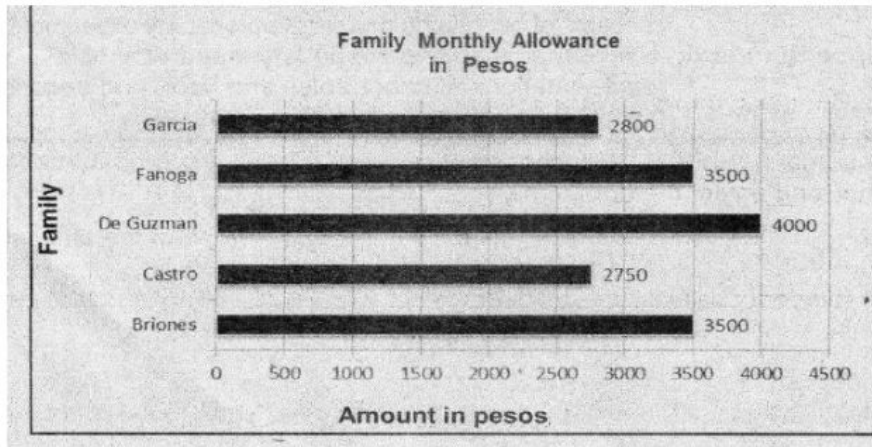
- a. 5
- b. 7
- c. 9
- d. 11

34. What is the total number of kaing of pomelos harvested?

- a. 500
- b. 505
- c. 510
- d. 515

35. What is the average number of kaing of pomelos harvested?

- a. 110
- b. 108
- c. 105
- d. 102



36. Which family has the lowest monthly allowance?

- a. Fanoga
- b. De Guzman
- c. Castro
- d. Briones

37. Which family has the biggest monthly allowance?

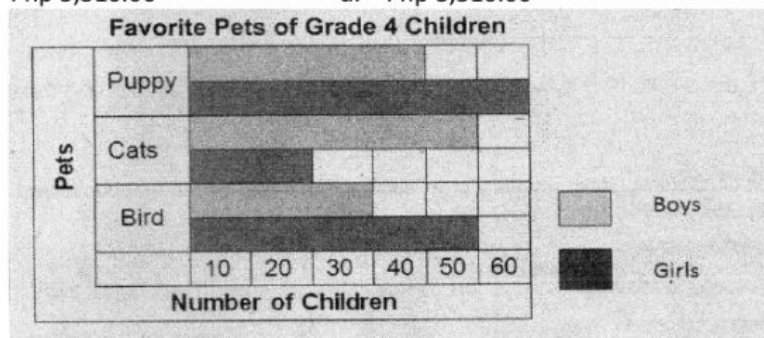
- a. Castro
- b. De Guzman
- c. Fanoga
- d. Garcia

38. What is the total monthly allowance of the families?

- a. Php 16,550.00
- b. Php 16,500.00
- c. Php 16,450.00
- d. Php 16,000.00

39. What is the average monthly allowance of the families?

- a. Php 3,210.00
- b. Php 3,310.00
- c. Php 3,410.00
- d. Php 3,510.00



40. How many children have puppies for their pet?

- a. 60
- b. 70
- c. 90
- d. 100

41. How many more boys than girls have cats?

- a. 10
- b. 20
- c. 30
- d. 40

VI. Read each problem on probability. Encircle the letter of your chosen answer.

42. Which of the following is a probability experiment?

a. Tossing a coin b. Rolling a single 6-sided die c. Choosing a marble from a jar d. All of the above

43. A number from 1 to 10 is chosen at random. What is the probability of choosing any of the numbers?

- a. $\frac{1}{10}$ b. $\frac{5}{10}$ c. $\frac{6}{10}$ d. none of the above

44. What is the probability of choosing an A from a set of 5 cards lettered A,B,C,O,U ?

- a. $\frac{1}{4}$ b. $\frac{1}{5}$ c. $\frac{5}{5}$ d. none of the above

45. A spinner has a number 1 to 6. If it is spun once,

What is the probability of getting 5?

- a. $\frac{1}{6}$ b. $\frac{5}{6}$ c. $\frac{0}{6}$ d. $\frac{6}{6}$

46. If a coin is tossed, what is the probability that a head will come out?

- a. 1 b. 0 c. $\frac{1}{2}$ d. none of the above

47. It is the extent to which an event is likely to happen.

- a. event b. probability c. likelihood d. none of the above

VI. Construct a vertical bar graph with the given data in the table below. (48-50)

Test Scores in Math	
Number of Students	Scores
A	90
B	85
C	80
D	70