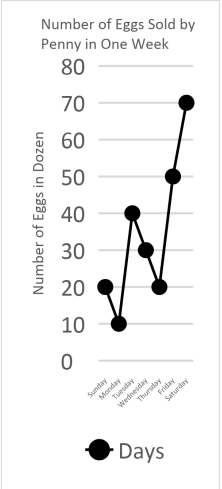


Republic of the Philippines
 Department of Education
 Region VIII
 Schools Division Office of Biliran
 District of Biliran
HUGPA ELEMENTARY SCHOOL
 Biliran, Biliran

CONTENT	LEARNING COMPETENCY	CODE	COGNITIVE PROCESS DIMENSION						Total	Percent	KEY ANSWER
			Remembering	Understanding	Applying	Analyzing	Evaluating	Creating			
Measurement	81. visualizes area of a circle.	M5ME-IVa-72	1	2					2	5 %	1. B 2. D
	82. derives a formula in finding the area of a circle .	M5ME-IVa-73	3, 4						2	5%	3. D 4. C
	83. finds the area of a given circle.	M5ME-IVa-74			5,6				2	5%	5. D 6. C
	84. solves routine and non-routine problems involving the area of a circle.	M5ME-IVb-75				7,8			2	5%	7. A 8. B
	85. creates problems involving a circle, with reasonable answers.	M5ME-IVb-76						9	1	2.5 %	9. A circular rug has a radius of 2.5 m. What is its area? or What is the area of a circular rug with 2.5 m radius?
	86. visualizes the volume of a cube and rectangular prism.	M5ME-IVc-77		10, 11					2	5%	10. A 11. D
	87. names the appropriate unit of measure used for measuring the volume of a cube and a rectangle prism.	M5ME-IVc-78	12,13						2	5%	12. D 13. B
	88. derives the formula in finding the volume of a cube and a rectangular prism using cubic cm and cubic m.	M5ME-IVc-79	14,15						2	5%	14. B 15. C

89. converts cu. cm to cu. m and vice versa; cu.cm to L and vice versa.	M5ME-IVd-80			16, 17				2	5%	16. D 17. B
90. finds the volume of a given cube and rectangular prism using cu. cm and cu. m.	M5ME-IVd-81			18, 19				2	5%	18. A 19. C
91. estimates and uses appropriate units of measure for volume.	M5ME-IVd-82	21		20				2	5%	20. C 21. D
92. solves routine and non-routine problems involving volume of a cube and rectangular prism in real-life situations using appropriate strategies and tools.	M5ME-IVe-83			22	23			2	5%	22. C 23. A
93. creates problems (with reasonable answers) involving volume of a cube and rectangular prism in real-life situations.	M5ME-IVe-84						24	1	2.5 %	24. An antique wooden chest is in the form of a cube. Its edge measures 5 cm. What is its volume? or An antique wooden chest measures 5 cm on its edge. What is its volume?
94. reads and measures temperature using thermometer (alcohol and/or digital) in degree Celsius.	M5ME-IVf-85	25,26						2	5%	25. C 26. B
95. estimates the temperature(e.g. inside the classroom).	M5ME-IVf-86			27				1	2.5 %	27. A
96. solves routine and non-routine problems involving temperature in real-life situations.	M5ME-IVf-87				28, 29			2	5%	28. B 29. A
97. creates problems involving temperature, with reasonable answers.	M5ME-IVg-88						30	1	2.5 %	30. The recorded temperature for seven days were 20 °C, 21 °C, 23 °C, 25 °C, 26 °C, 26 °C, 28 °C. What was the average temperature?

Statistics and Probability	98. collects data on one to two variables using any source.	M5SP-I Vg-1.5	31						1	2.5 %	31. B
	99. organizes data in tabular form and presents them in a line graph.	M5SP-I Vg-2.5				32			1	2.5 %	32. 
Statistics and Probability	100. interprets data presented in different kinds of line graphs (single to double-line graph).	M5SP-I Vh-3.5				33			1	2.5 %	33. B
	101. solves routine and non-routine problems using data presented in a line graph.	M5SP-I Vh-4.5				34			1	2.5 %	34. B
	102. draws inferences based on data presented in a line graph.	M5SP-I Vh-5.5		35					1	2.5 %	35. D
	103. describes experimental probability.	M5SP-I Vi-14		36					1	2.5 %	36. B
	104. performs an experimental probability and records result by listing.	M5SP-I Vi-15			37				1	2.5 %	37. C
	105. analyzes data obtained from chance using experiments involving letter cards (A to Z) and number cards (0 to 20).	M5SP-I Vi-16	38						1	2.5 %	38. A
	106. solves routine and non-routine problems involving experimental probability.	M5SP-I Vj-17			39				1	2.5 %	39. B
	107. creates routine and non-routine problems involving	M5SP-I Vj-18						40	1	2.5 %	40. A grocery store recently sold 12 boxes of fruit juices,

	experimental probability.										of which 4 were orange juices. What is the probability that orange juice is picked?
	TOTAL		12	5	11	8		4	40	100 %	
	PERCENT		30%	12.5 %	27.5 %	20 %		10 %	100 %		

Prepared by:

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FOURTH QUARTERLY TEST IN MATHEMATICS 5

Directions: Answer each question. Choose the letter of the correct answer.

1. How many radius are there in a circle?



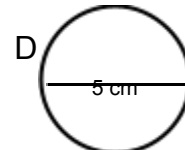
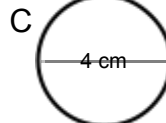
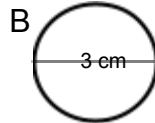
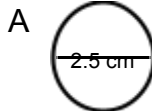
A 4

C 6

B 5

D 7

2. Which of the following circle has 2.5 cm radii?



3. Which of the following refers to the number of square units contained in a figure?

A volume

B circumference

C perimeter

D area

4. Which of the following formula is used in finding the area of a circle?

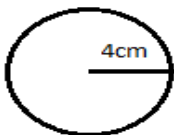
A πD

B $2\pi r$

C πr^2

D πr

5. What is the area of the circle?



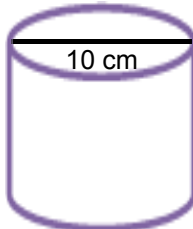
A 40 cm^2

C 50.04 cm^2

B 40.04 cm^2

D 50.24 cm^2

6. What is the area of the top surface of the can?



A 58.5 cm^2

C 78.5 cm^2

B 68.5 cm^2

D 100 cm^2

7. Mirra wants to refinish a circular table that is 3 meters in diameter. If the refinishing costs ₱200 per square meter, how much will she spend?

A ₱1,413

B ₱1,505

C ₱1,513

D ₱1,815

8. Carlo has a circular window with an area of approximately 78.5 dm^2 . What is the radius of the window?

A 4 dm

B 5 dm

C 6 dm

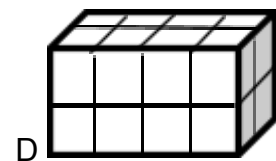
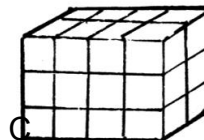
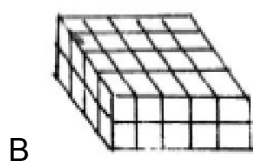
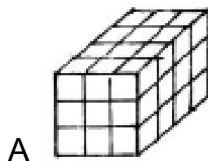
D 7 dm

9. Create problem involving area of a circle using the given data below.

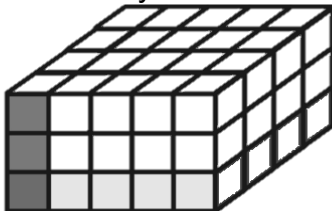
circular rug radius – 2.5 m Area = ?
--

Problem: _____

10. Which of the following figures contained 36 cubic units?



11. How many cubic units are there in the figure?



A 30

C 50

B 40

D 60

(12-13) Identify the cubic unit of measure that is appropriate to be used for the following:

A mm^3

B cm^3

C dm^3

D m^3

12. classroom

13. book

14. Which of the following formula is use in finding the volume of rectangular prism?

A πD

B $l \times w \times h$

C $s \times s$

D $l \times w$

15. The formula $v = s \times s \times s$ is use to find the volume of what figure?

A cone

B cylinder

C cube

D rectangular prism

(16-17) Convert the following to smaller or larger unit. Choose the letter of the correct answer.

16. $8 \text{ cm}^3 = \underline{\hspace{2cm}} \text{ mm}^3$

A 0.008 mm^3

B 80 mm^3

C 800 mm^3

D 8000 mm^3

17. $1286 \text{ dm}^3 = \underline{\hspace{2cm}} \text{ m}^3$

A 0.1286 m^3

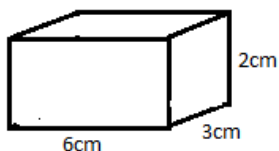
B 1.286 m^3

C 12.86 m^3

D 128.6 m^3

(18-19) Find the volume of the following figures.

18.



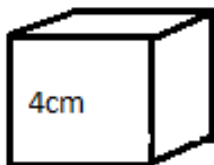
A 36 cm^3

C 62 cm^3

B 52 cm^3

D 82 cm^3

19.



A 12 cm^3

C 64 cm^3

B 36 cm^3

D 96 cm^3

20. Merla's sewing box is 4 dm long, 2.5 dm wide and 3.3 dm high. What is its estimated volume?

A 24 dm^3

B 32 dm^3

C 36 dm^3

D 48 dm^3

21. Mr. Lopez has a backyard. What unit of measure will he use to find the volume?

A mm^3

B cm^3

C dm^3

D m^3

22. A container box measures 7 dm on each edge. How much space can it hold?

A 21 dm^3

B 49 dm^3

C 343 dm^3

D 353 dm^3

23. The Reyes family made a fish pond in their backyard measuring 6 meters long, 4 meters wide and 3 meters deep. They sold the soil dug up for ₱45 each cubic meter. How much did they receive for the sale of the soil?

A ₱3,240

B ₱3,250

C ₱3,340

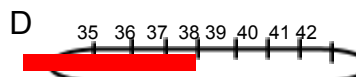
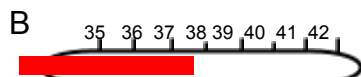
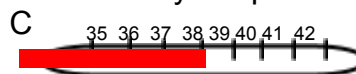
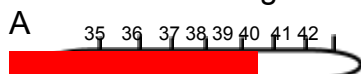
D ₱3,420

24. Make a problem involving the volume of a rectangular prism based on the given situation.

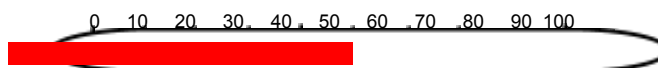
An antique wooden chest is in the form of a cube. Its edge measures 5 cm.

Problem: _____

25. Which of the following thermometers shows Luna's body temperature of 37.5°C ?



26. What is the temperature shown in the thermometer?



A 40°C

B 41°C

C 43°C

D 44°C

27. What is the estimated sum of 11.6°C , 23.5°C and 25.3°C ?

A 61°C

B 62°C

C 63°C

D 64°C

28. Fe has a fever. Her temperature is 39.5°C . How much higher is her temperature than the normal body temperature?

A 1.5°C

B 2.5°C

C 2.6°C

D 1.4°C

29. Mother checked on Tom's body temperature in the morning and found it to be 39.4°C . In the afternoon, mother checked on him again and his temperature dropped by 1.2°C .

What is Tom's temperature in the afternoon?

A 38.2°C

B 39.4°C

C 40.4°C

D 40.6°C

30. Create a problem involving temperature based on the given situation.

The recorded temperature for seven days were 20°C , 21°C , 23°C , 25°C , 26°C , 26°C , 28°C .

Problem:

31. Bon and Ben are twins. Their mother, Bonnie kept a record of the twins' weight. At the age of 1 year old, Bon is 8.5 kg while Ben is 8.75 kg. At two, Bon is 12 kg and Ben is 11.9 kg. At three, Bon is 14.8 kg while Ben is 15.2 kg.

What is the weight of the twins at age two?

A Bon is 8.75 kg while Ben is 8.5 kg

C Ben is 12 kg while Bon is 11.9 kg

B Ben is 11.9 kg while Bon is 12 kg

D Bon is 14.8 kg while Ben is 15.2 kg

32. Use a line graph to present the data below.

The Number of Eggs Sold by Penny in One Week

Number of Eggs (in dozen)

20

10

40

30

20

50

70

Days

Sunday

Monday

Tuesday

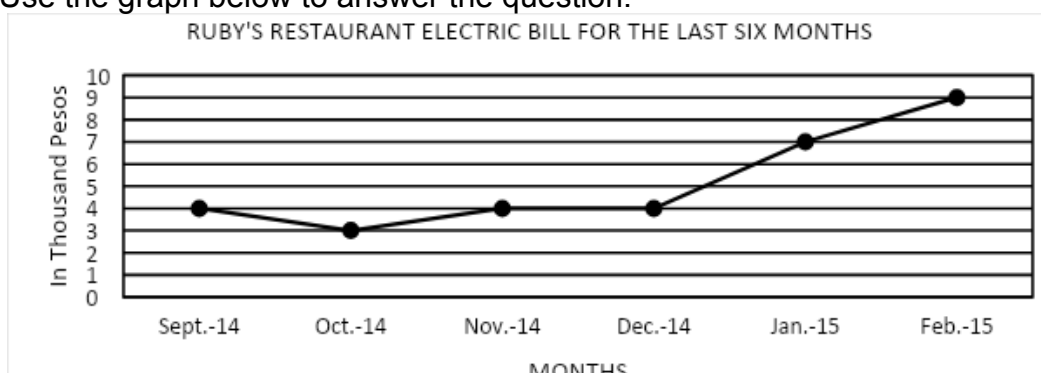
Wednesday

Thursday

Friday

Saturday

33. Use the graph below to answer the question.

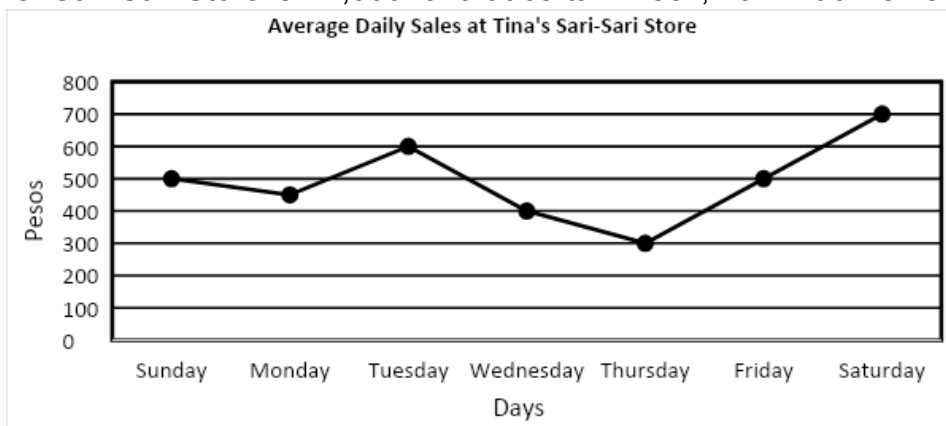


How much is the difference between the highest bill and the lowest bill?

- A ₱ 2 000 B ₱ 3 000 C ₱ 6 000 D ₱ 12 000

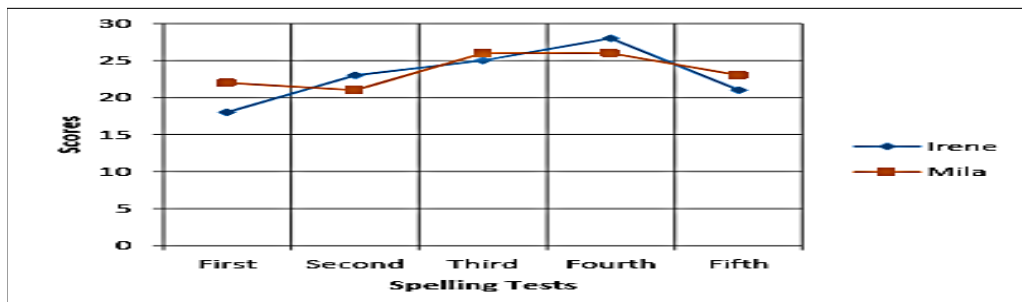
34. Use the graph below to answer the problem.

Tina owns a Sari-Sari Store she always record her daily sales to know if she earns a profit. The graph shows her daily sales in a certain week. If Tina's total expenses for her Sari-Sari Store is ₱2,000 for that certain week, how much is her profit?



- A ₱ 1,000 B ₱1, 450 C ₱ 2,450 D ₱ 3,450

35. The line graph below shows Mila's and Irene's scores in a spelling test of 30 items. Use it to answer the questions that follow.



On which weeks did Irene get a higher score than Mila?

- A First and Second Week C Third and Fourth Week
B Second and Fourth Week D Second and Fourth Week

36. Jimmy and Naomi are rolling a regular 0-5 number cube. Jimmy wins if 0 is rolled. Naomi wins if 1,2,3,4 or 5 is rolled. Who do you think will win more often?

- A Jimmy B Naomi C Both of them D Nobody

37. A bag has 1 blue, 4 green, 2 red and 5 yellow marbles. What is the probability that you get a green marble?

- A $\frac{1}{5}$ B $\frac{1}{4}$ C $\frac{1}{3}$ D $\frac{1}{2}$

38. Study the table of chances a letter card was picked for 30 trials.

LETTER IN THE CARD	NUMBER OF TIMES THE A LETTER WAS PICKED
G	4
I	5
L	12
M	3
A	6
Total Number of Trials	30

What was the result the letter M was picked?

A 3

B 4

C 6

D 12

39. In a box containing 4 red balls, 6 yellow balls, 5 green balls, and 10 white balls, what are the chances of picking a white ball?

A $\frac{1}{5}$

B $\frac{2}{5}$

C $\frac{3}{5}$

D $\frac{4}{5}$

40. Create a problem involving probability out of the given situation.

A grocery store recently sold 12 boxes of fruit juices, of which 4 were orange juices.

Problem: _____

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