

FOURTH PERIODIC EXAMINATION
MATHEMATICS - IV

NAME: _____ SCORE _____

Direction: Read the questions properly and encircle the letter of your answer.

- 1. Which of these is the best way to collect data about your classmates' favorite fruits?
 - a. Ask your teacher
 - b. Look at a book
 - c. Conduct a survey
 - d. Guess
- 2. Anna recorded the number of sunny days each week. Which is the best way to show her data?
 - a. Draw a picture
 - b. Sing a song
 - c. Make a table
 - d. Tell a story
- 3. Look at the table. How many oranges were sold on Tuesday?

DAY	Number of Oranges Sold
Monday	10
Tuesday	12
Wednesday	15
Thursday	20

- a. 10
 - b. 12
 - c. 15
 - d. 20
- 4. (Refer to the table in item 3) If 12 oranges were sold on Tuesday, which graph correctly shows the data?
 - a. A graph showing 12 oranges sold on Tuesday.
 - b. A graph showing 10 oranges sold on Tuesday.
 - c. A graph showing 15 oranges sold on Tuesday.
 - d. A graph showing 20 oranges sold on Tuesday.
- 5. What is the missing number in the pattern: 2, 4, 6, __, 10?
 - a. 7
 - b. 8
 - c. 9
 - d. 11
- 6. Which number sentence shows the commutative property of addition?
 - a. $5 + 0 = 5$
 - b. $2 + 3 = 3 + 2$
 - c. $1 + 1 = 2$
 - d. $4 + 2 = 6$
- 7. What number makes the sentence true? $7 + __ = 10$
 - a. 2
 - b. 3
 - c. 4
 - d. 5
- 8. What number makes the sentence true? $5 + 4 = 6 + __$
 - a. 2
 - b. 3
 - c. 4
 - d. 5
- 9. Which model shows $\frac{3}{10}$?
 - a. A model with 3 out of 5 parts shaded.
 - b. A model with 3 out of 10 parts shaded.
 - c. A model with 10 out of 10 parts shaded.
 - d. A model with 1 out of 3 parts shaded.
- 10. How do you write $\frac{7}{10}$ as a decimal?
 - a. 0.07
 - b. 0.7
 - c. 7.0
 - d. 70
- 11. In the decimal 0.25, what is the place value of the 2?
 - a. Ones
 - b. Tenths
 - c. Hundredths
 - d. Tens
- 12. What is the value of the 5 in 0.25?
 - a. 5 ones
 - b. 5 tenths
 - c. 5 hundredths
 - d. 5 tens
- 13. In the number 12.34, which digit is in the tenths place?
 - a. 1
 - b. 2
 - c. 3
 - d. 4
- 14. What is the value of the 8 in 0.08?
 - a. Eight ones
 - b. Eight tenths
 - c. Eight hundredths
 - d. Eight tens
- 15. Which fraction is equal to 0.5?
 - a. $\frac{1}{2}$
 - b. $\frac{1}{4}$
 - c. $\frac{3}{4}$
 - d. $\frac{1}{10}$
- 16. Which decimal is equal to $\frac{3}{100}$?
 - a. 0.0
 - b. 0.3
 - c. 3.0
 - d. 30.0
- 17. Where would you plot 0.3 on a number line?
 - a. Between 0 and 0.1
 - b. Between 0.2 and 0.4
 - c. Between 0.4 and 0.5
 - d. Between 0.9 and 1

18. Which number line correctly shows 0.6?
 - a. A number line with 0.6 marked correctly.
 - b. A number line with 0.5 marked correctly.
 - c. A number line with 0.7 marked correctly.
 - d. A number line with 1 marked correctly.
19. Which is greater: 0.4 or 0.2?
 - a. 0.4
 - b. 0.2
 - c. They are equal
 - d. Cannot be determined
20. Which is smaller: 0.75 or 0.7?
 - a. 0.75
 - b. 0.7
 - c. They are equal
 - d. Cannot be determined
21. Which is greater: 0.12 or 0.2?
 - a. 0.12
 - b. 0.2
 - c. They are equal
 - d. Cannot be determined
22. Arrange the decimals from least to greatest: 0.1, 0.01, 0.2
 - a. 0.01, 0.1, 0.2
 - b. 0.1, 0.01, 0.2
 - c. 0.2, 0.1, 0.01
 - d. 0.2, 0.01, 0.1
23. 0.8 is closer to which whole number?
 - a. 0
 - b. 1
 - c. 8
 - d. 10
24. 0.37 is closer to which tenth?
 - a. 0.3
 - b. 0.4
 - c. 0.37
 - d. 1
25. 0.52 rounded to the nearest tenth is:
 - a. 0.5
 - b. 0.6
 - c. 1
 - d. 0.52
26. 1.28 rounded to the nearest whole number is:
 - a. 1
 - b. 2
 - c. 1.2
 - d. 1.3
27. Which of these is equivalent to $\frac{6}{10}$?
 - a. 0.06
 - b. 0.6
 - c. 6.0
 - d. 60
28. Which of these is equivalent to $\frac{9}{100}$?
 - a. 0.09
 - b. 0.9
 - c. 9.0
 - d. 90
29. Lisa collected data about the weather. It rained 3 days, it was sunny 5 days, and cloudy 2 days. How many days did Lisa collect data?
 - a. 7
 - b. 8
 - c. 9
 - d. 10
30. (Refer to item 29) How many more sunny days were there than rainy days?
 - a. 1
 - b. 2
 - c. 3
 - d. 4
31. John sold 12 cookies on Monday and 15 cookies on Tuesday. How many cookies did he sell in total?
 - a. 25
 - b. 26
 - c. 27
 - d. 30
32. (Refer to item 31) How many more cookies did John sell on Tuesday than on Monday?
 - a. 2
 - b. 3
 - c. 4
 - d. 5
33. What is the next number in the pattern: 3, 6, 9, __?
 - a. 10
 - b. 11
 - c. 12
 - d. 13
34. If $4 + 5 = 9$, then $9 - 4 = ?$
 - a. 4
 - b. 5
 - c. 9
 - d. 13
35. Maria has 0.75 of a chocolate bar. She eats 0.25. How much chocolate does she have left?
 - a. 0.25
 - b. 0.50
 - c. 0.75
 - d. 1.00
36. Ben has 0.3 of a liter of juice. His friend gives him 0.4 more liters. How much juice does Ben have in total?
 - a. 0.3
 - b. 0.4
 - c. 0.7
 - d. 1.0
37. A toy costs ₱25.50. Another toy costs ₱15.25. What is the total cost of both toys?
 - a. ₱30.75
 - b. ₱40.75
 - c. ₱40.25
 - d. ₱10.25
38. (Refer to item 37) How much more does the first toy cost than the second toy?
 - a. ₱10.25
 - b. ₱10.75
 - c. ₱40.75
 - d. ₱40.25
39. Sarah ran 0.6 kilometers. David ran 0.8 kilometers. How much further did David run than Sarah?
 - a. 0.2 kilometers
 - b. 0.4 kilometers
 - c. 1.4 kilometers
 - d. 1.8 kilometers
40. A book costs ₱45.75. You have ₱50.00. How much change will you receive?
 - a. ₱4.25
 - b. ₱5.25
 - c. ₱45.75
 - d. ₱95.75

ANSWER KEY:

- 1. c. Conduct a survey
- 2. c. Make a table
- 3. b. 12
- 4. a. A graph showing 12 apples sold on Tuesday.
- 5. b. 8
- 6. b. $2 + 3 = 3 + 2$
- 7. b. 3
- 8. b. 3
- 9. b. A model with 3 out of 10 parts shaded.
- 10. b. 0.7
- 11. b. Tenths
- 12. c. 5 hundredths
- 13. c. 3
- 14. c. Eight hundredths
- 15. a. $\frac{1}{2}$
- 16. a. 0.03
- 17. b. Between 0.2 and 0.4
- 18. a. A number line with 0.6 marked correctly.
- 19. a. 0.4
- 20. b. 0.7
- 21. b. 0.2
- 22. a. 0.01, 0.1, 0.2
- 23. b. 1
- 24. a. 0.3
- 25. a. 0.5
- 26. a. 1
- 27. b. 0.6
- 28. a. 0.09
- 29. d. 10
- 30. b. 2
- 31. c. 27
- 32. b. 3
- 33. c. 12
- 34. b. 5
- 35. b. 0.50
- 36. c. 0.7
- 37. b. ₱40.75
- 38. a. ₱10.25
- 39. a. 0.2 kilometers
- 40. a. ₱4.25

MATH 4- Q4
TABLE OF SPECIFICATION

COMPETENCIES/OBJECTIVES	No. of Days Spent	Weight	No. of Items	COGNITIVE PROCESS DIMENSION					
				R	U	AP	AN	E	C
				EASY		AVERAGE		DIFFICULT	
				ITEM PLACEMENT					
1. Collect data with time elements using appropriate sources. 2. Present data in a tabular form, or in a single line graph. 3. Interpret data presented in a tabular form, or in a single line graph. 4. Solve problems using data for at most two variables in a tabular form, or in a single line graph. 5. describe the rule used to generate a given simple pattern. 6. complete number sentences to represent number properties and number facts.	10	30%	12	1,2	3 6	4 29,3 0 31,3 2 34	5 33		
1. complete a number sentence: a. to represent a property of operations (e.g., 4 + 3 = 3 + __) (commutative property of addition) b. to represent equivalent number facts (e.g., 4 + __ = 6 + 3) 1. Represent decimal numbers using models and manipulatives to show the relationship to fractions. 2. Read and write decimal numbers using models and manipulatives to show the relationship to fractions.	10	10%	4	10	9	7,8			
1. determine the place value up to hundredths of a digit in a given decimal number, 2. determine the value of a digit, and 3. determine the digit of the number, given its place value. 4.Convert decimal numbers to fractions, and fractions with denominators 10 or 100 to decimals.	10	15%	6	11,1 3 15,1 6	12,1 4				
A.Plot decimal numbers with the tenth decimal part on the number line. 1. Accurately draw number lines to represent decimal numbers with tenth part.	10	45%	18		17,1 9	18,2 0 21,2 2	35,3 6		

2. Correctly plot decimal numbers with tenth decimal part on a number line. B.Compare and order decimal numbers with decimal parts to hundredths. 1. Accurately compare decimals with one decimal place using models. 2. Compare decimals with two decimal places using models, <i>Type equation here.</i> 3. Compare decimals by considering the place value of the digits. C. Round decimal numbers to the nearest whole number and to the nearest tenth.				27,2 8		23,2 4 25,2 6 37,3 8	38,4 0		
TOTAL	40	100%	40						