TABLE OF SPECIFICATION
SECOND GRADING PERIOD (MATHEMATICS 5)

Lesson No.	Objectives	No. of days taught	No. of items	Percentage	Item Placement
29	Gives the place value of the digit of a given decimal number through ten thousandths.	1	2	4	1-2
30	Read and write decimal numbers through ten thousandths	1	1	2	3-4
31	Round the decimals numbers to the nearest hundredths and thousandths	1	2	4	5-6
32	Compares and arrange the decimal numbers	1	1	2	7
33	Visualizes addition and subtraction of decimals	1	1	2	8
34	Adds and subtracts decimal numbers through thousandths with and without regrouping	2	2	4	9-10
35	Estimates the sum or difference of decimals with reasonable results	1	1	2	11
36	Solves routine or non-routine problems involving addition and subtraction of decimal numbers including money	2	2	4	12-13
37	Creates problems (with reasonable answers) involving addition and/or subtraction of decimal numbers including	2	2	4	14-15
38	Visualizes multiplication of decimal numbers using pictorial models.	1	2	4	16-17
39	Multiplies decimals up to 2 decimal places by 1- to 2-digit whole numbers.	2	2	4	18-19
40	Multiplies decimals with factors up to 2 decimal places	2	2	4	20-21
41	Estimates the products of decimal numbers with reasonable results	2	2	4	22-23
42	Solves routine and non-routine problems involving multiplication without or with addition or subtraction of decimals and whole numbers including money using appropriate problem solving strategies and tools.	2	2	4	24-25
43	Visualizes division of decimal numbers using pictorial models	2	2	4	26-27
44	Divides decimals with up to 2 decimal places	2	2	4	28-29
45	Divides whole numbers with quotients in decimal form	2	2	4	30-31
46	Estimates the quotients of decimal numbers with reasonable results.	2	2	4	32-33
47	Solves routine and non-routine problems involving division without or with any of the other operations of decimals and whole numbers including money using appropriate problem solving strategies and tools.	2	2	4	34-35
48	Creates problems (with reasonable answers) involving multiplication and/or division or with any of the other operations of decimals and whole numbers including money	2	2	4	36-37
49	Visualizes the ratio of 2 given numbers.	2	2	4	38-39
50	Expresses ratio using either the colon (:) or fraction.	2	2	4	40-41
51	Identifies and writes equivalent ratios	2	2	4	42-23
52	Expresses ratios in their simplest forms	2	2	4	44-45
53	Find the missing terms in a pair of equivalent ratios	2	2	4	46-47
54	Define and describe a proportion	2	2	4	48-49
55	Recognizes when two quantities are in direct proportion	2	1	4	50
	Total	47	50	100	

SECOND PERIODICAL TEST IN MATHEMATICS 5

NAME: _____ GR.& SEC._____ SCORE:_____

DIRECTION: SHADE THE LETTER OF THE BEST ANSWER.

1. Give the place value of the underlined digit 0.82<u>7</u>

   A. thousandths B. hundredths C. tenths D. ones
2. What is the place value of the digit 8 in 908.176

   A. thousandths B. hundredths C. tenths D. ones
3. Write a decimal number for . six and forty-eight thousandths.

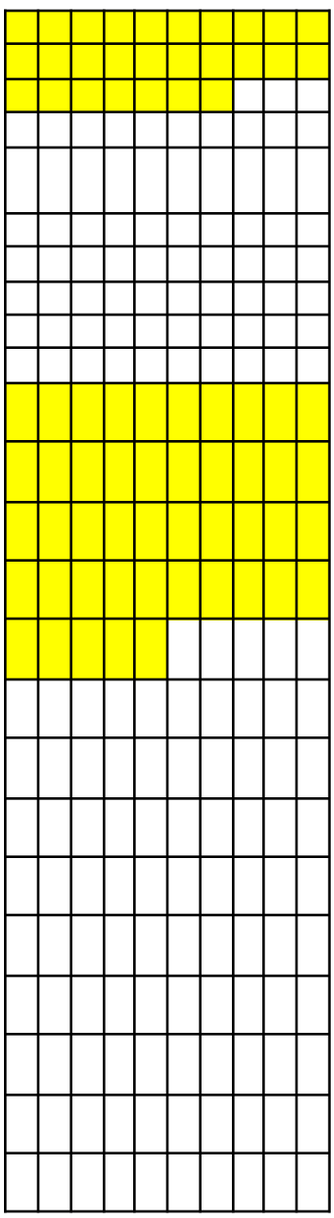
   A. 6.48 B. 6.048 C. 6.0048 D. 6.408
4.

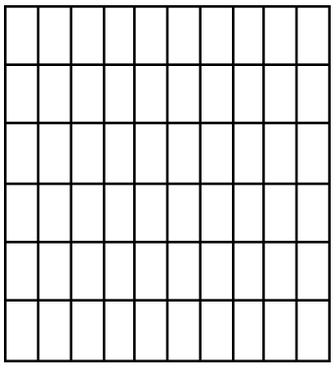
   A. 0.004 B. 000.4 C. 0.004 D. 0.0004
5. Round 16.975 to the nearest hundredths

   A. 16.10 B. 16.98 C. 16.20 D. 16.97
6. ENCIRCLE the letter of the number that rounds off to 10.85 .

   A. 10.859 B. 10.857 C. 10.851 D. 10.856
7. Which of the following order numbers from greatest to least?

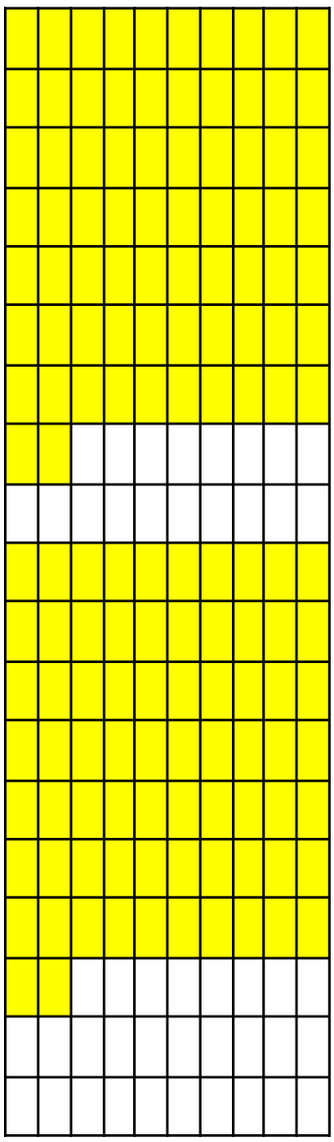
   a. 3.756 37.56 375.6 0.3756
   b. 0.2468 0.2486 0.2648 0.2846
   c. 11.010 11.011 11.0110 1.1101
   d. 2.86 2.75 2.68 2.56
8. Complete the illustration by addition statements. Take note that each squares represents 0.001.





=

0.027 0.045

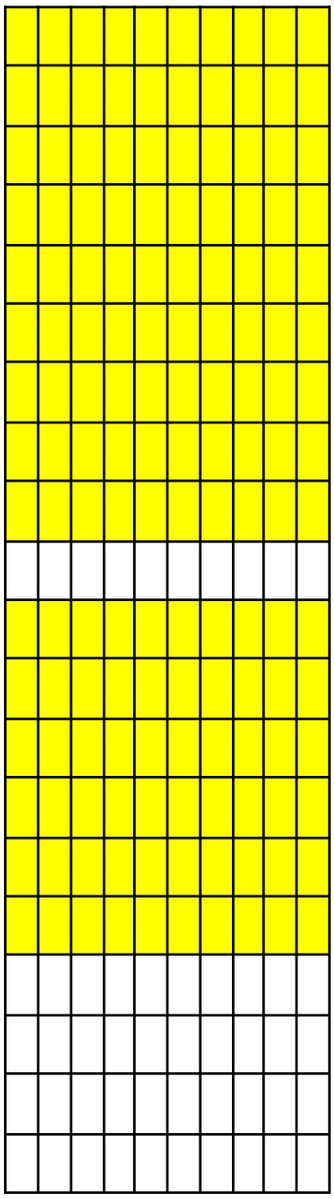


a.

b

· 0.072

· 0.080



· 0.060

· 0.090

9. Alex traveled 41.3 kilometers on Monday and 53.75 kilometers on Tuesday. How many kilometers did he travel in two days? a. 95.05km b. 94.87km c. 13.635km d. 9.505km

10. In a midnight sale, a radio cassette player was sold at P 1 449.95. If it's regular price was P 1 950.50, how much less was the sale price?

a. P500 b. P500.55 c. P16, 946.45 d. P17, 000

11. Using the rounding off technique, find the estimated sum of 23.45 + 8.63 + 2.75

a. 30 b. 33 c. 35 d. 3

12. Donna bought 4 items worth P39.90, P68.60, P 58.75 and P120.25. How much change will Donna get from P 500-bill?

What is asked being in the problem?

- The total amount she buy c. the name of the store
- The prices of each item d. the change she will received.1

Illustrate the answer of the following number sentences.

16. 0.8X 0.3= n

a. 0.11 b. 0.20 c. 0.24

17. 0.3 x 0.4

a. 0.12 b. 0.21 · 0.40

18. If 23 x 5 is 115, what is 2.3 x 5 equal to?

a. 1.15 b. 0.115 c. 115 d. 11.5

19. 4.5 x 4

a. 1.8 b. 18 c. .018 d. 0.18

20. 0.5x.06

a. 0.30 b. 3.00 c. 0.03 d 0.003

21. 1.2 x 0.7

a. 8.4 b. 0.084 c. 0.84 d. 840

22. Father and other farmers harvested tomatoes for the town's Tiangge Day. They were able to fill 56.5 kaings each weighing 18.75 kilograms. About how many kilograms of tomatoes were harvested for the Tiangge Day?

a. 1048 kg b. 1045 kg c. 1060 kg d. 1083kg

23. Ivan runs 4.8 km every morning. About how many kilometres does he run each week?

a. 28km b. 34km c. 24km d. 30km

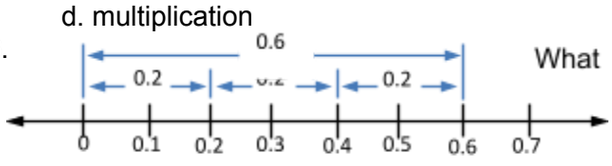
24. For Rina's birthday, Mother bought a cake at ₱200, 4 gallons of ice cream at ₱350 each and cookies worth ₱225. She brought with her 2 ₱1,000 bills. How much is the 4 gallons of ice cream?

a. ₱ 1825.00 b. ₱825.00 c. ₱1400.00 d. ₱ 800.00

Alvin bought 3 wattpad at ₱ 65 each and 2 sports magazines at ₱85 for his friends. How much change did he get from his three 500- peso bills?

25. What operations are we going to used?

a. addition, subtraction, multiplication
b. division, multiplication, addition
c. addition and multiplication
d. multiplication

26. 

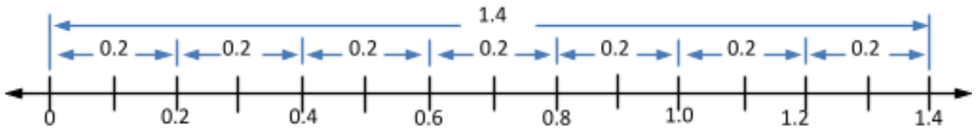
What division sentence shown in number line.

a. 0.6÷ 0.12 = 5 b. 0.3 ÷ 0.2= 1.5 c. 0.6÷0.2= 3 d. 0.6 ÷ 0.3= 2

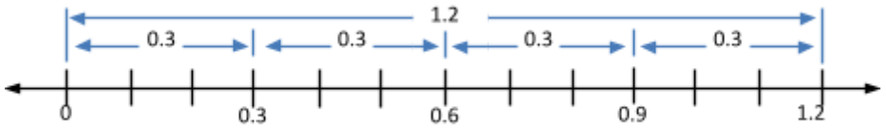
27. Draw a number line. Use it to quotient

1.2 ÷ 0.3= 4

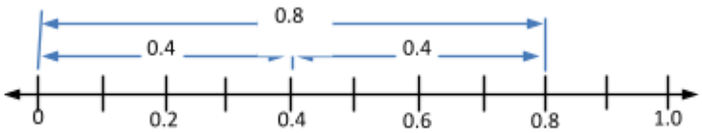
a.



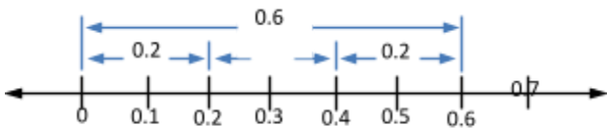
B



c.



d.



28. Jenny bought 0.75 meter of pink ribbon, which she will cut into 0.25 meter strips for her Project in EPP. How many pieces did she make?

a. 3meters b. 4 meters c. 5 meter d. 6 meters

29. 7.26 ÷ 0.22 = n

a. 33 b. 0.30 c. 0.33 d. 35

Find the quotient. Round your answer to the nearest tenths.

30. 3÷5 = N

a. 1.6 b. 0.6 c. 0.3 d. 0.25

31. 4÷9=n

a. 0.4 b. 0.5 c. 0.6 d. 07

32. Rhoda has ₱75 . She wants to give her nieces ₱12.50. To how many nieces can she give?

a. 3 b. 4 c. 5 d. 6

33. Estimate the quotient 625 ÷ 1.25 = n

a. 500 b. 400 c. 300 d. 200

Mr. Villa bought 91.25 inches of plastic labeling tape. He will make labels 1.25 inches long each. How many labels can he make?

34. What is asked in the problem?

a. the measurement of the tape
b. the labels can he make to the tape
c. inches of plastic labeling tape
d. Mr. Villas tape

35. What is the answer?

a. he can make 69 labels b. he can make 70 labels
c. he can make 72 labels d. he can make 73 labels

Complete problem by creating a question for what is asked.

36. Mother repacked a 50-kg of sugar into 2.5 kg smaller packs.

a. How much is the sugar?
b. How many packed of sugar that mother can make?
c. How many kilograms of sugar?
d. How to repacked 50 kg of sugars ?

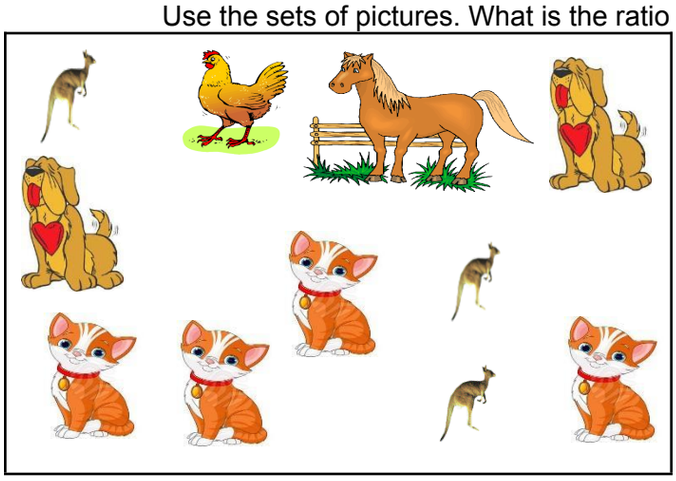
37. Create a problem using the given data.

Given : ₱2 900.00 - cost of mountain bike, ₱1 575.00 - down payments 5months - equal installment
Asked : pay for each installment

a. Mark buy a mountain bike cost ₱2 900.00. he gave a down payment of ₱1 575.00.He will pay the remaining balance for 5 months installment? How much he can pay for each installment?

b. Mark buy a bike cost ₱2 900.00. he pay 1 575.00 - down payments how much change did he gets?
c. How much is the monthly installment?
d. Mark paid ₱2 900.00 - cost of mountain bike, ₱1 575.00 - down payments 5months - equal installment How much pay for each installment?

Use the sets of pictures. What is the ratio of the number of:



38. dogs to cats
a. 4 to 2 b. 2 to 4 c. 1 to 4 d. 2 to 1

39. kangaroos to dogs
a. 2 is to 1 b. 1 is to 1 c. 3 is to 2 d. 2 is to 3

40. What is the ratio of chicken to all animals in fraction form?
a. $\frac{1}{11}$ b. $\frac{11}{1}$ c. $\frac{2}{11}$ d. $\frac{3}{11}$

41. Give the ratio of triangles to rectangles colon form.

a. 5: 6 b. 6:5 c. 5 : 5 d. 6:6

Fill in each box with the correct number that will make equivalent ratios

42. ☐:7 = 24 : 56
a. 2 b. 3 c. 4 d. 5

43. 8 : 3 = ☐:15
a. 40 b. 45 c. 50 d. 55

44. Reduce ratios to lowest terms. 10 : 5
a. 2:2 b. 2:1 c. 1:1 d. 1:2

45. Express the ratio of the first quantity to the second quantity and reduce to simplest form.
2 teachers to 46 pupils
a. 1 is to 23 b. 1is to 24 c. 1 is to 46 d. 1 is to 13

46. Marie can make 3 small mango pies for every 5 mangoes. How many pies can she make with 25 mangoes?
a. Marie can make 5 pies. c. Marie can make 15 pies
b. Marie can make 10 pies. d. Marie can make 20 pies

47. Solve for the missing term and check. $\frac{a}{32} = \frac{3}{4}$
a. 12 b. 16 c. 24 d. 28

48. Refer to the inner terms in a proportion.
a. ratio b. extremes c. means d. proportion

49. Two equal is called _____.
a. Extremes b. means c. proportion d. fraction

50. Amanda and Cass sell newspapers on weekends to earn extra money. For every 3 newspapers that Amanda sells, Cass sells 5. If Amanda sold 15 newspapers, how many does Cass sell?
a. 20 newspaper b. 25 newspaper c. 30 newspaper d. 35 newspaper