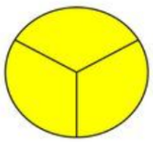
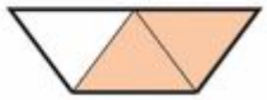
MATHEMATICS - 4
3RD QUARTER
PERIODICAL TEST
MATATAG CURRICULUM BASED

NAME:_____ **SCORE** _____

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

1. Which fraction shows half of a shape?

-A)  - B)  - C)  - D) 

2. If we divide a fraction strip into four equal parts, each part represents:

A) 1/4
B) 1/3
C) 1/2
D) 1/5

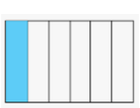
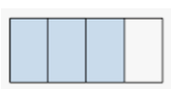
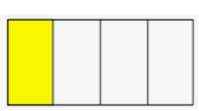
3. If a strip is divided into 3 equal parts and 2 parts are shaded, what fraction is shaded?

A) 1/3
B) 2/3
C) 3/4
D) 1/2

4.On a number line, where would you place 1/2 between 0 and 1?

A) 0
B) In the middle between O and 1
C) At 1
D) Past 1

5. What is the sum of 1/2 and 1/4?

a. 1/6  b. 2/6  c. 3/4  d. 1/4 

6. What is the sum of 2 1/3 and 1 1/2?
a. 3 2/5
b. 3 5/6
c. 4 1/6

d. 4 5/6

7.What is the difference between 3/4 and 1/2?
a. 1/4
b. 1/2
c. 2/4
d. 3/4

8.Mother will bake bread and needs 1/2 cup of flour and 1/4 cup of sugar. How much more flour than sugar is needed?
a. 1/4 cup
b. 1/2 cup
c. 3/4 cup
d. 1 cup

9.A carpenter has a board that is 5 1/2 feet long. He cuts off a piece that is 2 1/4 feet long. How long is the remaining piece of board?
a. 2 1/4 feet
b. 3 1/4 feet
c. 3 3/4 feet
d. 4 1/4 feet

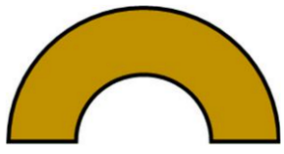
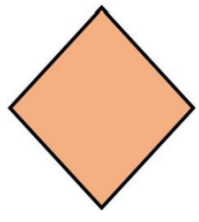
10.A baker used 1/3 cup of butter for one batch of cookies and 2/3 cup of butter for another batch. How much butter did the baker use in all?
a. 1 cup
b. 2/3 cup
c. 1/3 cup
d. 3/3 cup

11. Which shape has exactly one line of symmetry?

a.  b.  c.  d. 

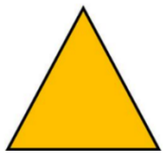
12. What is the correct number of lines of symmetry in a square?
a. 1
b. 2
c. 4
d. 0

13.Which of the following figures does not have any line of symmetry?

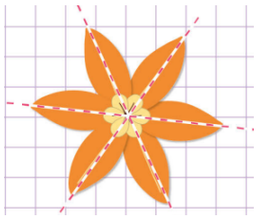
a.  b.  c.  d. 

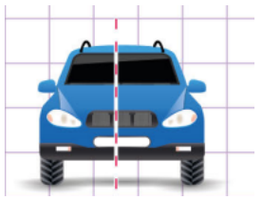
14.If a rectangle is folded in half, which line shows its symmetry?

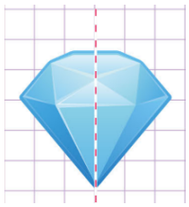
a. Vertical line
b. Horizontal line
c. Both horizontal and vertical lines
d. No symmetry

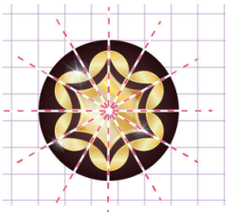


15. What shape with 3 lines of symmetry?

a. 

b. 

c. 

d. 

16. Which is an equivalent fraction to 2/3?
   a) 3/4
   b) 5/7
   c) 4/6
   d) 2/4

17. How do you simplify 6/9?
   - a) 1/2
   - b) 3/5
   - c) 2/5
   - d) 2/3

18. What is 3/8 + 2/8?
   - a) 5/8
   - b) 1/2
   - c) 6/8
   - d) 7/8

19. Which of the following fractions is greater than 2/3?
   - a) 1/2
   - b) 5/6
   - c) 3/4
   - d) 2/5

20. What is the equivalent fraction of 5/10?
   - a) 1/2
   - b) 2/5
   - c) 3/4
   - d) 5/6

21. What is the greatest common factor (GCF) of 20 and 25?
   - a) 2
   - b) 4
   - c) 5
   - d) 10

22. Which of these fractions is greater than 4/7?
   - a) 3/5

- b) 2/3
- c) 1/2
- d) 5/6

23. What is 5/9 – 2/9?
- a) 3/9
- b) 1/9
- c) 7/9
- d) 4/9

24. Which of the following fractions is the largest?
- a) 2/3
- b) 5/8
- c) 4/5
- d) 1/2

25. What is 3/4 – 1/4?
- a) 2/4
- b) 1/2
- c) 5/6
- d) 3/5

26. What is 3/5 + 2/5?
- a) 1
- b) 5/5
- c) 2/5
- d) 6/5

27. How do you compare 4/6 and 2/3?
- a) 4/6 > 2/3
- b) 4/6 = 2/3
- c) 4/6 < 2/3
- d) 4/6 is greater than all other fractions

28. What is the equivalent of 2/5 in a fraction with a denominator of 10?
- a) 6/10
- b) 5/10
- c) 4/10
- d) 2/10

29. Which of these fractions is the smallest?
- a) 4/5
- b) 2/3
- c) 5/6
- d) 1/3

30. How do you add 1/5 + 2/5?
- a) 3/5
- b) 1/2
- c) 3/4

- d) 1

31. What is 1 3/4 + 2 2/3?
    - a) 4 5/6
    - b) 3 5/6
    - c) 4
    - d) 5

32. What is 5/6 – 1/2?
    - a) 1/3
    - b) 3/4
    - c) 1/6
    - d) 2/3

33. Which fraction is equal to 7/8 in a simplified form?
    - a) 5/6
    - b) 3/4
    - c) 14/16
    - d) 3/5

34. What is the sum of 3/4 and 5/6?
    - a) 1 1/3
    - b) 1
    - c) 2/3
    - d) 1 1/2

35. What is the difference between 2 1/4 and 1 1/2?
    - a) 1 ¼
    - b) 1/2
    - c) 3/4
    - d) 2/3

36. Which of these fractions is less than 3/4?
    - a) 7/8
    - b) 5/6
    - c) 3/8
    - d) 1/2

37. What is the simplified form of 6/8?
    - a) 5/6
    - b) 3/4
    - c) 7/8
    - d) 2/3

38. What is the total sum of 2 1/2 + 3 1/3?
    - a) 5 5/6
    - b) 4 3/4
    - c) 6 1/2
    - d) 6 3/4

39. What fraction represents half of 3/5?
- a) 6/10
- b) 5/10
- c) 3/10
- d) 1/2

40. What is the least common denominator (LCD) for 1/3 and 1/4?
- a) 12
- b) 10
- c) 8
- d) 6

Answer Key

1. a
2. a
3. b
4. b
5. c
6. b
7. a
8. a
9. c
10. a
11. c
12. c
13. d
14. a
15. a
16. c
17. d
18. b
19. a

21. c
22. b
23. a
24. c
25. b
26. a
27. b
28. c
29. d
30. a

31. a
32. a
33. c
34. a
35. c
36. d
37. b
38. a
39. c
40. a

PERIODICAL TEST

MATH 4- Q3

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					
Modelling dissimilar fractions and equivalent fractions with denominators up to 10 using: ● fraction strips/bars ● fraction disks/circles ● number line		**10%**	**4**	1,2	3,4				
1. Identify the multiples of given numbers up to 100.		**2.5%**	**1**			40			
2. Use multiples in finding equivalent fractions.		**5%**	**2**			16,28			
3. Find all the factors of a given number up to 100.		**2.5%**	**1**		21				
1. Reduce fractions to simplest form using GCF		**10%**	**4**		17,20	33,37			
2. Compare dissimilar fractions using the symbols =, >, and <.		**12.5%**	**5**			24, 27 29	19,22		
3. Order dissimilar fractions from smallest to largest, and vice versa.		**2.5%**	**1**		36				
1. Add dissimilar fractions using models.		**12.5%**	**5**		5,6	18,34,38			
2. Add dissimilar fractions: 2.1. two proper fractions, 2.2. two mixed numbers, and 2.3. a mixed number and a proper fraction.		**7.5%**	**3**			30 31	32		
3. Solve word problems involving the addition of dissimilar fractions.		**10%**	**4**			39		8,9,10	
4. Subtract dissimilar fractions using models.		**5%**	**2**		7	35			
1. Subtract dissimilar fractions: 1.1. two proper fractions, 1.2. two mixed numbers, 1.3. a mixed number and a proper fraction, 1.4. a whole number and a proper fraction, and 1.5. a whole number and a mixed number.		**7.5%**	**3**			25 26	23		

2. identify symmetry with respect to a line, and create figures that have line symmetry. 3. perform reflection with respect to a line, including glide reflection, to obtain images of shapes.		**12.5%**	**5**	11,12,	13	15	14		
TOTAL		**100 %**	**40**						