NAME:_____ SCORE _____

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

1. What is the result of 3/4 - 1/2?
a. 2/4 b. 1/4
c. ½ d. 3/8

2. Subtract 5/6 - 1/3.
a. 2/6 b. 2/3
c. ½ d. 1/6

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

4. Solve 3 3/4 - 2 2/5.
a. 1 7/20
b. 1 6/20
c. 1 3/10
d. 1 1/10

5. Subtract 2 1/4 - 3/8.
a. 1 5/8
b. 1 7/8
c. 1 1/8
d. 2 1/2

6. What is 4 1/2 - 2/3?
a. 3 1/2
b. 4 1/6
c. 3 5/6
d. 3 5/9

7. Subtract 5 - 2/5.
a. 4 1/5
b. 5 3/5
c. 4 2/5
d. 4 3/5

8. What is 3 - 3/4?
a. 2 1/4
b. 2 3/4

c. 2 1/3
d. 3 1/4

9. Subtract 5 - 2 2/3.
a. 2 1/3
b. 3 1/3
c. 2 2/3
d. 3 2/3

10. Solve 7 - 4 1/4.
a. 3 3/4
b. 2 1/4
c. 3 1/4
d. 2 3/4

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?
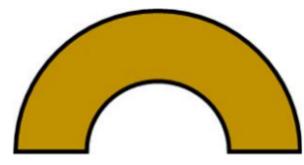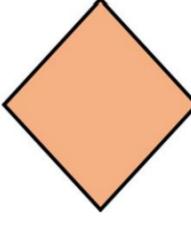
a.   b.   c.   d.

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
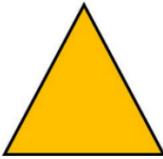
15.Which of these shapes can be created with line symmetry?
a. A heart
b. A star
c. A butterfly
d. All of the above

16. What is the reflection of a triangle over a vertical line?
a. It flips upside down.
b. It flips to the left or right.

c. It remains the same.

d. It rotates 90°.

17. A figure is reflected over the x-axis. What happens to its image?

a. It moves upward.

b. It flips horizontally.

c. It flips vertically.

d. It stays unchanged.

18. If a shape undergoes a glide reflection, what transformation happens?

a. The shape moves and rotates.

b. The shape flips and slides.

c. The shape rotates and flips.

d. The shape slides and stays the same.

19. Why does a circle have infinite lines of symmetry?

a. Because it is round.

b. Because all points are equidistant from the center.

c. Because it has four corners.

d. Because it has no sides.

20. Which statement is true about symmetrical shapes?

a. All symmetrical shapes are identical.

b. Symmetrical shapes always have equal parts.

c. Symmetrical shapes only have one line of symmetry.

d. Symmetrical shapes cannot be folded.

21. What shape with 3 lines of symmetry?

a.   b.   c.   d.
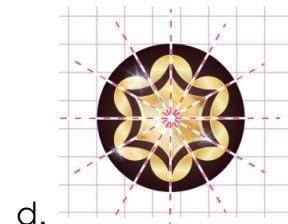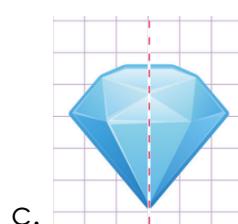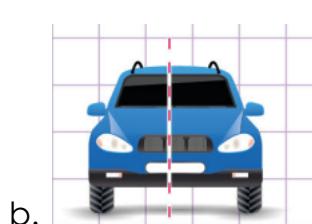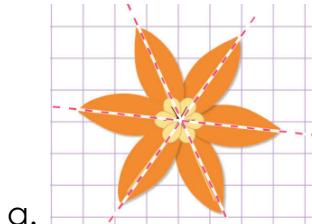
22. A triangle was reflected over a horizontal line. Draw and explain how its position changed.

a. It flipped sideways.

b. It flipped upside down.

c. It did not change.

d. It became a new shape.

23. If a shape has symmetry and undergoes a reflection, will it still be symmetrical? Why?

a. Yes, because symmetry is about balance

b. No, because reflections break symmetry.

c. Yes, because reflections keep symmetry.

d. No, because reflections add new lines.

24. If a heart shape is reflected over a line, which part remains the same?

a. Neither part stays the same.

b. The pointed bottom.

c. Both the top and bottom.
d. The curved top.

25. Which shape has the correct line of symmetry?

a.   b.   c.   d.
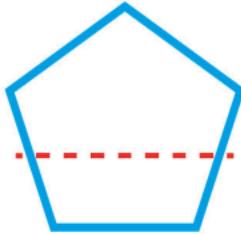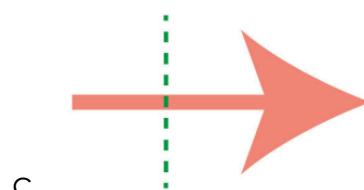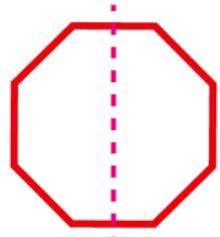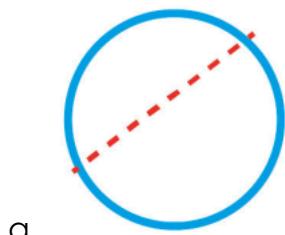
ANSWER KEY:

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

21. a
22. b
23. c
24. d
25. b

SUMMATIVE TEST 4
MATH 4- week 7&8
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. 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.	5	40%	10			1,2,3,4,5 6,7,8,9,10			
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.	5	60%	15	11,12,13	14,16 17,18 25	15,21 22,23	19,24	20	
TOTAL	10	100%	25						