MIRROR SERIES GRADE 7 - YEAR 2024
MONITORING LEARNER ASSESSMENT
MATHEMATICS

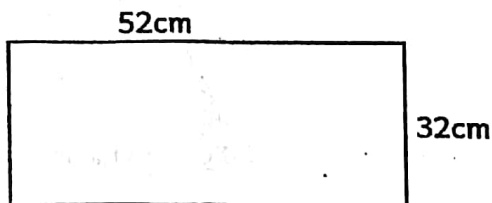**MIRROR SERIES EXAMS**

Time: 2 Hours

Name:_____Date:_____

Answer ALL the questions in the spaces provided. (40mks)

1. What is the place value of digit 4 in the number 5469892? _____(1mk)

2. A milling company packed 238570 packets of maize flour. What is the number of packets rounded off to the nearest thousands?_____ (1mk)

3. Arrange the numbers in descending order: **4287, 4774, 4747, 4278.** **(1mk)**

   _____

4. In a certain Sub-county 777077 people voted for their favourite candidate. What is the number in words _____

   _____ **(1mk)**

5. Work out: $81 \div 9 \times 2 + 10 - 8$ **(1mk)**

6. What is the LCM of 24,20 and 25?_____ **(1mk)**

7. Jael ate $\frac{2}{9}$ of a cake on Monday, $\frac{1}{3}$ on Tuesday. What fraction of the cake did she eat on Monday and Tuesday altogether? **(1mk)**

8. Find the difference of $\frac{5}{6}$ and $\frac{1}{2}$. **(1mk)**

9. Galgadi harvested 576 sacks of maize. He shared the sacks equally to his 18 friends. What is the total number of sacks each friend got? **(1mk)**

10. In a certain county there are 1746231 women. What is the total value of digit 7 in the number? _____**(1mk)**

11. What is the square of 6?_____ **(1mk)**
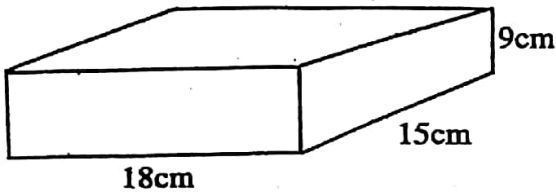
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12. A square room has one side 8m long. What is the area of the room? (1mk)

13. What is the square root of 324? (1mk)

14. There are 1645 pupils in a school. Each pupil is issued with 5 exercise books. How many exercise books were issued to all the pupils?_____ (1mk)

15. The number of boys who registered for national examination was 438237 while the number of girls was 441052. How many learners registered for the national examination? (1mk)

16. Kevin harvested 136324 oranges. He sold 94367 oranges to an orange juice factory. How many oranges remained? (1mk)

17. Work out: 0.43 + 1.245. (1mk)

18. Shujaa cycled for 40000m. What distance did he cycle in kilometres? (1mk)

19. Work out: $3\overline{)9km300m}$ (1mk)

20. The figure below represents Magudedi's piece of land. (1mk)

52cm

32cm

What is its area in square centimetres?

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21. The figure below shows a wooden flower vase. Matu filled it with soil in order to plant flowers **(1mk)**

18cm, 15cm, 9cm

What volume in cm³ of soil filled the flower vase?

22. Work out:

litres	ml	**(1mk)**
275	700	
+343	600	

23. A trader bought 75kg 580g of rice. He sold 12kg 650g to a certain customer. What is the mass of the rice remained? **(1mk)**

24. Kipruto helped his father in the farm for 480 seconds. For how long did he help his father in minutes? **(1mk)**

25. The table below shows Lucy's back to school budget. She had been given sh 500.

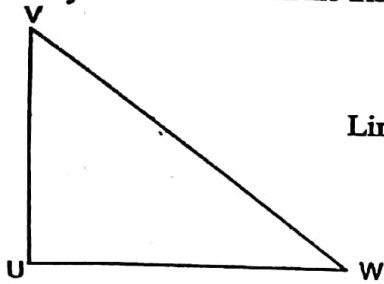| Item	Amount in sh.
Exercise books	220
Pencils	50
Rubber	80
Pens	150
Bar of chocolate	80

a) How much was Lucy's back to school expenses? **(1mk)**

b) Was it a good budget? Give reason **(1mk)**

c) What would you advise her not to buy? _____ **(1mk)**

26. Leah bought books worth sh 6000. She paid sh 6500. How much tax did she pay? **(1mk)**

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27. Identify horizontal line in the triangle below. **(1mk)**

```
V
|\
| \
|  \
|   \
|    \
U-----> W
```

Line _____

28. Write down the names of two shapes that have 3-D shapes **(2mks)**

a)_____   b)_____

29. Represent the data below that shows the shoe sizes of thirty Grade 6 learners.

4, 6, 4, 3, 5, 3, 6, 4, 3, 3, 4, 6, 6, 5, 4, 3, 3, 4, 4, 5, 5, 5, 3, 4, 4, 5, 6, 3, 4, 5. **(4mks)**

Shoe size	Number of learners
3	
4	
5	
6	

30. Tim has 15 marbles. Joy has 12 marbles. If **j** represents the total number of marbles, form a simple equation you can use to get the total number of marbles. **(1mk)**

31. What is the value of x in $x - 22 = 8$? **(1mk)**

32. A school cook had g bananas. He shared them equally among 10 learners. If each learner got 4 bananas, how many bananas did g represent? **(1mk)**

33. Find the value of p in: **(1mk)**

$p \times 2 = 6$

34. Draw a perpendicular line on the line AB drawn below. **(1mk)**

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    |                    |
----+--------------------+----
    A                    B
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4

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