

**TISMA 001 GRADE 4 TERM 1 OPENER  
MATHEMATICS**

**NUMBERS**

1. What is the place value of digit 3 in the following numbers. **(4mks)**

- a) 3956 \_\_\_\_\_
- b) 9634 \_\_\_\_\_
- c) 326 \_\_\_\_\_
- d) 34621 \_\_\_\_\_

2. Write the total value of all the digits in the number. **(2mks)**

84320

- 4 \_\_\_\_\_
- 3 \_\_\_\_\_
- 0 \_\_\_\_\_
- 8 \_\_\_\_\_
- 2 \_\_\_\_\_

3. The symbols 8, 3 and 2 were used to form three digit numbers. Write down six 3 digit numbers formed. **(3mks)**

\_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_

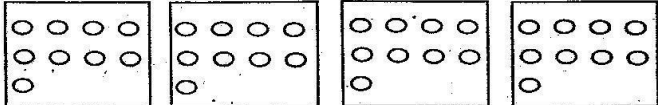
4. Arrange the numbers you have written in question 3 above from the largest to the smallest. **(3mks)**

\_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_

5. Round off the following numbers to the nearest 10. **(2mks)**

a) 238 \_\_\_\_\_ b) 580 \_\_\_\_\_  
c) 309 \_\_\_\_\_ d) 112 \_\_\_\_\_

6. Complete the multiplication. **(3mks)**

 = \_\_\_\_\_ x \_\_\_\_\_ = \_\_\_\_\_

\_\_\_\_\_ + \_\_\_\_\_ + \_\_\_\_\_ + \_\_\_\_\_ = \_\_\_\_\_

7. List all the even numbers from 10 to 20. **(3mks)**

\_\_\_\_\_

8. In Kihoto village there are 875 males and 1132 females. How many people are there in Kihoto altogether? **(1mk)**

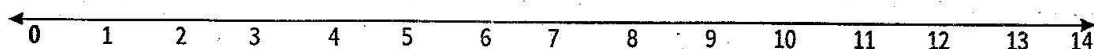
9. Subtract. **(2mks)**

a) 
$$\begin{array}{r} 843 \\ - 528 \\ \hline \end{array}$$
 b) 
$$\begin{array}{r} 9135 \\ - 7826 \\ \hline \end{array}$$

10. Work out: **(2mks)**

a) 
$$\begin{array}{r} 74 \\ - 23 \\ \hline \end{array}$$
 b) 
$$\begin{array}{r} 7 \overline{)99} \end{array}$$

11. Use the following numberline to work out. (1mk)



$14 \div 2 =$  \_\_\_\_\_

12. Use the multiplication table below to get the answers. Indicate in the multiplication table. (3mks)

X	6	7	8	9
3	18	21	24	27
4	24	28	32	36
5	30	35	40	45
6	36	42	48	54
7	42	49	56	63

a)  $6 \times 9 =$  \_\_\_\_\_

b)  $7 \times 7 =$  \_\_\_\_\_

c)  $4 \times 6 =$  \_\_\_\_\_

13. Fill in the missing numbers to show the relationship between multiplication and division. (1mk)

$78 \div 3 = 26$

\_\_\_\_\_  $\times 26 = 78$

$3 \times$  \_\_\_\_\_  $= 78$

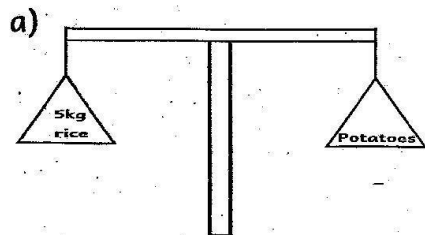
### MEASUREMENT

14. The distance from grade four classroom to the toilet is 105 metres and from the classroom to the field is 179 metres.

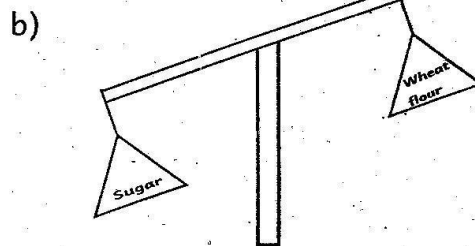
a) Jane walked from the classroom to the toilet and back. What distance did she cover? \_\_\_\_\_ (1mk)

b) What is the distance from the classroom to the field and back to the classroom? \_\_\_\_\_ (1mk)

15. Write 'heavier than', 'lighter than' or 'same as'. (2mks)



The mass of the rice is \_\_\_\_\_ the mass of the potatoes.



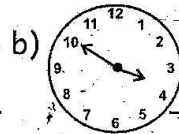
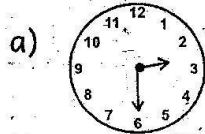
The mass of the sugar is \_\_\_\_\_ the mass of the wheat flour.

16. Work out: (2mks)

a)  $259\text{kg} + 438\text{kg} = \underline{\hspace{2cm}}$       b)  $273\text{kg} - 245\text{kg} = \underline{\hspace{2cm}}$

17. The capacity of a drum was 550 litres. The drum had 236 litres of water.  
How much water is needed to fill the drum? \_\_\_\_\_ (1mk)

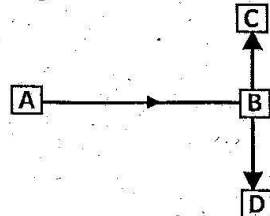
18. What is the time? (2mks)



19. How many fifty shillings notes are in a five hundred shilling note? (1mk)

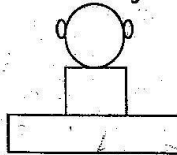
**GEOMETRY**

20. Use the diagram below to answer the following questions. (2mks)



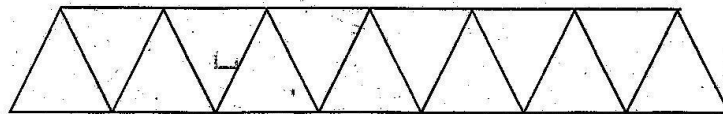
- a) Njoroge wanted to move to point D from point A. He will walk straight then turn \_\_\_\_\_ to reach point D.
- b) Chebet wanted to move from point C to point A. She will walk straight then turn \_\_\_\_\_ to reach point A.

21. How many different shapes form the figure below. (1mk)



22. Name the different shapes used in the diagram above. (4mks)

23. Colour the pattern. (2mks)



24. Use ovals and triangles to form a pattern. (1mk)