

JUNIOR SCHOOL ASSESSMENT

GRADE SEVEN 2024

- MATHEMATICS -



Learner's Name: Assessment No:

School: Grade 7: Date:

(50 Marks)

1. Manukato manufacturing company produced 7 428 639 bags of coffee in the month of July. What is the place value of digit 4 in the number of bags produced? (2 mks)

2. How many groups of hundreds are there in the value of digit 8 in the number 27 894 625? (2 mks)

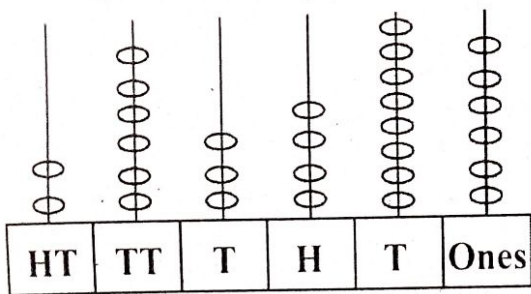
3. Grade 7 learners were asked by their teacher to form the largest number possible using digits 8, 3, 7, 9, and 0. Which number did they form. (2 mks)

4. Find the difference between the largest four digit number and the smallest four digit number? (2 mks)

5. Write in words.
64 900 028 (2 mks)

6. A cereal shop bought 8239kg of maize in one month. What is the total number of bags rounded off to the nearest thousand? (1mk)

7. Using the abacus below:



a) Identify the number represented.
(1 mk)

b) Which digit has the highest value in the numbers represented in the abacus?
(1 mk)

c) Round off the number represented in the abacus to the nearest hundred.
(1 mk)

8. Grade 7 learners were identifying prime numbers. Which of the numbers below was **wrongly** identified?
(2 mks)

29, 43, 51, 47

9. In the year 2020, Maziwa processing company produced 879 431 litres of milk. The company sold 721 986 litres of milk that year. How many litres of milk remained?
(2 mks)

10. A farmer collects 245 eggs everyday.
a) How many eggs does he collect in the months of March and April?
(1mk)

b) If the eggs collected in (a) above are packed in trays holding 30 eggs each. How many trays would be needed to pack all the eggs?
(1mk)

11. What is the next number in the sequence below?
(2 mks)

4, 9, 25, 49, 121, 169, _____

12. A grocer had 270 tomatoes in piles of 3. He sold each pile at sh.30. How much did he get from the sale of the tomatoes?
(2 mks)

13. Grade 7 learners were learning the divisibility test of three. The teacher displayed 679 428, 3 712 104 and 242 424 on the board. Which of the numbers displayed is divisible by 3?

(2 mks)

14. Which is the least number that can be added to 3421786 to make it divisible by 11?

(2mks)

15. A learner was asked by his teacher to list all the factors of 36. How many factors did the learner list?

(2mks)

16. By how many times is the value of digit 4 greater than the value of digit 5 in the number 248659? (2mks)

17. Express 56 as a product of its prime factors. (2mks)

18. Three bells ring at intervals of 15min, 30min and 45min. After how many hours and minutes did the three bells ring together? (2 mks)

19. Grade 7 learners made flash cards as shown.

$$\frac{3}{4}$$

$$\frac{2}{3}$$

$$\frac{5}{6}$$

$$\frac{1}{9}$$

They arranged the fractions in descending order. Which is the smallest fraction? (2 mks)

20. Work out (2 mks)

$$\frac{3}{7} + \frac{5}{9}$$

21. Subtract 874 956 from 1 082 697 (2 mks)

22. A meeting was attended by 4291 people. The number of women in the meeting was 1200 and men 2470. If the rest were children, how many children attended the meeting? (2 mks)

23. Work out the operation below (2mks)

$$124 - 18 + 36 =$$

24. Mr. Mzabibu displayed 42963 on the board. He asked the learners to identify the digits that alternate with 4. Which digits did they identify? (2 mks)

25. Work out the Greatest Common Divisor of 18, 24 and 36. (2mks)