

KENYA PRIMARY SCHOOL EDUCATION ASSESSMENT

DECEMBER ASSIGNMENT 2026

GRADE 4 – MATHEMATICS ACTIVITY

Time: 2 HOURS



LEARNER'S DETAILS

Name: _____ . SCHOOL: _____ .

ASST/UIP Number: _____ . Date: _____ .

Instructions for Learners

1. Write your name, Assessment/UIP Number and the Date in the spaces provided.
2. Check the question paper carefully to ensure all pages are printed and no questions are missing.
3. Answer all the questions in the spaces provided.

FOR EXAMINER'S USE

SECTION	% SCORE	Exceeding Expectations	Meeting Expectations	Approaching Expectations	Below Expectations	Assessors remarks
SCORE RANGE		75-100	40-74	21-39	1-20	
LEARNER SCORE						
LEVEL		4	3	2	1	
TICK LEVEL						

Answer ALL questions in this section

1. A teacher writes the number **43,905** on the board while teaching learners about the value of digits. What is the place value of digit **4** in the number?

A. Tens

B. Tens of thousands

C. Thousands

D. Hundreds
2. During a mathematics lesson, a learner is asked to write **two thousand eight hundred and eighty-eight** using numerals. Which numeral should the learner write?

A. 2,088

B. 288

C. 2,888

D. 2,880
3. A shopkeeper records the number **23,461** items sold during a month. What is the total value of digit **3** in this number?

A. 3,000

B. 300

C. 30,000

D. 30

WORKING SPACE

4. A teacher asks learners to identify the complete set of factors of **40**. Which group contains all the factors of 40?
 - A. 1, 3, 40, 8, 5, 21, 24
 - B. 1, 5, 9, 10, 20, 40, 38
 - C. 1, 8, 10, 7, 20, 40, 36
 - D. 1, 2, 4, 5, 8, 10, 20, 40

5. Five pupils recorded the following numbers during a mathematics activity: **154, 415, 541, 145 and 451**. Which arrangement shows the numbers from the largest to the smallest?
 - A. 541, 451, 415, 154, 145
 - B. 145, 154, 415, 451, 541
 - C. 451, 541, 415, 154, 145
 - D. 145, 154, 415, 541, 451

6. A school is numbering its library books up to **10,000**. Which number comes immediately before 10,000?

A. 9,991	B. 999
C. 9,999	D. 10,001

7. A farmer harvested **149 kilograms** of maize. If the amount is rounded off to the nearest 10 kilograms, what will be the answer?

A. 145 kg	B. 150 kg
C. 100 kg	D. 159 kg

8. A football player wears jersey number **9**. Which Roman numeral should be printed on the jersey?
 - A. XI
 - B. IV
 - C. X
 - D. IX

9. During a class exercise, learners are asked to add **74 and 81**. What type of number is the answer?
 - A. Odd number
 - B. Prime number
 - C. Even number
 - D. Square number

10. A school store had **8,745 exercise books**. After giving **4,230 exercise books** to pupils, how many exercise books remained?

- A. 12,975 B. 5,145
C. 5,415 D. 4,515

11. A health centre had recorded **1,390 patients**. Later, **512 new patients** were registered. How many patients were recorded altogether?

- A. 878 B. 1,902
C. 882 D. 1,802

12. A teacher asks learners to divide **129 sweets equally among 20 children**. How many sweets will each child receive and how many will remain?

- A. 60 remainder 9
B. 6 remainder 9
C. 12 remainder 9
D. 9 remainder 20

13. A rectangular shape is divided into four equal parts, and one part is shaded.



What fraction of the shape is un-shaded?

- A. $\frac{1}{4}$ B. $\frac{4}{1}$ C. $\frac{3}{4}$ D. 3

14. A learner is reading the decimal number **36.24**. What is the place value of digit **2**?

- A. Tenths
B. Tens
C. Hundredths
D. Ones

15. During a lesson on fractions, a teacher writes **$\frac{3}{8}$** on the board and asks learners to identify the numerator. Which number is the numerator?

- A. 8 B. $\frac{8}{3}$
C. $\frac{3}{8}$ D. 3

16. A train has **30 coaches**, and each coach carries **60 passengers**. If all the coaches are full, how many passengers are on the train?

- A. 90 B. 1,800 C. 180 D. 3,060

17. A learner measures **8 parts out of 10 equal parts** of a metre. How should the fraction **8/10** be written in words?

- A. Eight tens
B. Eight tenths
C. Eight over ten
D. Ten eighths

18. A baker has **3½ kilograms** of flour. The baker wants to write this mixed number as an improper fraction. Which is correct?

- A. $\frac{2}{7}$ B. $\frac{5}{2}$ C. $\frac{7}{2}$ D. $\frac{6}{2}$

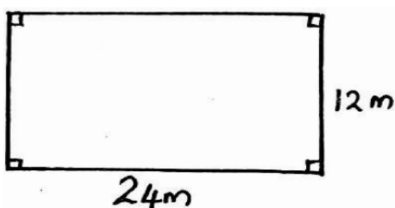
19. A shop packs **60 oranges** in each of 7 boxes. How many oranges are packed altogether?

- A. 420 B. 67 C. 607 D. 360

20. A learner is asked to arrange the decimal numbers **4.15, 4.51, 5.41 and 5.14** from the smallest to the largest. Which arrangement is correct?

- A. 5.41, 5.14, 4.51, 4.15
B. 5.14, 5.41, 4.51, 4.15
C. 4.15, 4.51, 5.14, 5.41
D. 4.51, 4.15, 5.14, 5.41

21. A rectangular school garden is **12 m long and 6 m wide**.



What is its perimeter?

- A. 36 m B. 432 m
C. 72 m D. 66 m

22. Lucy needs **10 litres of milk** for a family celebration. The shop sells milk in packets of $\frac{1}{4}$ **litre** each. How many packets should she buy?

- A. 20 B. 40 C. 10 D. 80

23. A measuring container holds $\frac{23}{100}$ **of a litre** of water. How can this fraction be written as a decimal?

- A. 0.28 B. 2.8 C. 280 D. 0.23

24. A school holiday lasts **4 weeks and 3 days**. Another activity takes **2 weeks and 5 days**. How much longer is the school holiday than the activity?

- A. 2 weeks 2 days B. 1 week 2 days
C. 1 week 5 days D. 2 weeks 5 days

25. A football match and its activities lasted **620 minutes**. How many hours and minutes are 620 minutes?

- A. 6 hours 20 minutes B. 10 hours 20 minutes
C. 6 hours 2 minutes D. 62 hours 20 minutes

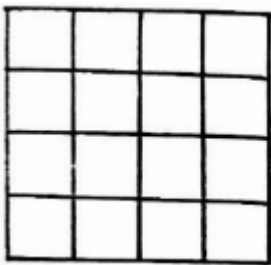
26. During a geometry lesson, a learner measures an angle as shown below.



What type of angle is it?

- A. Right angle B. Acute angle
C. Obtuse angle D. Reflex angle

27. A tiled floor is made using equal unit squares.



If the arrangement shown in the diagram contains the indicated rows and columns, how many unit squares are there?

- A. 16 B. 12
C. 8 D. 20

28. Nzimbo buys **1 kg of sugar for Sh 140** and a loaf of bread for **Sh 50**. He pays with a **Sh 500** note. How much change should he receive?

- A. Sh 190 B. Sh 690
C. Sh 490 D. Sh 310

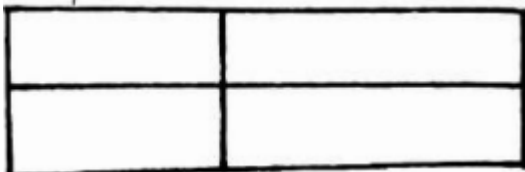
29. A family is planning its monthly budget. Which of the following is generally considered a **want** rather than a basic need?

- A. Food B. Car
C. Clothes D. House

30. A shopkeeper has **Sh 7 and 5 cents**. How much is this amount in cents?

- A. 75 cents B. 705 cents
C. 755 cents D. 715 cents

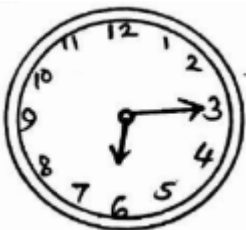
31. A learner studies the shape shown in the diagram and counts all the rectangles formed by its lines.



How many rectangles can be seen?

- A. 9 B. 4 C. 5 D. 7

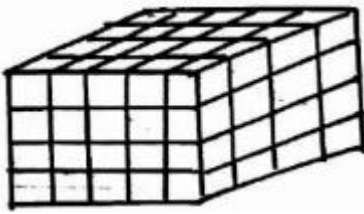
32. A clock shows the time indicated in the diagram.



If the time is in the morning, which option gives the correct time?

- A. 6:15 p.m.
B. 3:30 a.m.
C. 6:15 a.m.
D. 3:30 p.m.

33. A construction block is made using equal-sized cubes as shown in the diagram.



How many cubes are needed to make the whole block?

- A. 20 B. 40
C. 60 D. 80
34. A Grade 3 learner is being weighed during a school health check-up. Which is the most reasonable estimate of his mass?
- A. 100 kg
B. 30 kg
C. 300 kg
D. 70 kg
35. A shopkeeper records two amounts of money: **Sh 270.91** and **Sh 19.22**. What is their total?
- A. Sh 249.69
B. Sh 251.69
C. Sh 231.69
D. Sh 290.13
36. A lesson lasts **3 hours and 18 minutes**. How many minutes does the lesson last altogether?
- A. 188 minutes
B. 198 minutes
C. 152 minutes
D. 168 minutes
37. A school trip begins on Monday and lasts for **4 complete days**. How many hours does the trip last?
- A. 96 hours
B. 86 hours
C. 28 hours
D. 48 hours

WORKING SPACE

38. Moraa had **810 litres of water** in a tank. Her family used **158 litres** for domestic work. How many litres of water remained?

- A. 748 litres B. 968 litres
C. 652 litres D. 668 litres

39. A carpenter has a piece of wood measuring **3 m 60 cm**. He makes 3 pieces of the same length. What is the total length of the three pieces?

- A. 9 m 180 cm B. 10 m 30 cm
C. 3 m 63 cm D. 10 m 80 cm

40. A businesswoman has **8 kg of sorghum**. She packs it into packets containing $\frac{1}{2}$ **kg each**. How many packets can she make?

- A. 8 B. 16 C. 10 D. 4

41. A learner wants to measure the amount of water in a container. Which unit is most appropriate for measuring capacity?

- A. Litres B. Metres
C. Kilograms D. Minutes

42. A teacher asks learners to find the sum of all the odd numbers between **0 and 20**. What is the answer?

- A. 45 B. 24 C. 25 D. 21

43. A number pattern increases by **10** each time: **75, 85, 95, ...** What is the next number?

- A. 65 B. 105 C. 115 D. 100

44. A farmer measures $\frac{7}{3}$ **metres** of rope. How can this improper fraction be written as a mixed fraction?

- A. $\frac{3}{7}$ B. 7.3 C. $2\frac{1}{3}$ D. $2\frac{1}{2}$

45. A clock face has Roman numerals. If one position is marked **VII**, which number does it represent?

- A. 4 B. 5 C. 6 D. 7

46. Four learners compare the fractions $\frac{1}{7}$, $\frac{1}{8}$, $\frac{1}{10}$ and $\frac{1}{9}$. Which arrangement shows them from the smallest to the largest?

- A. $\frac{1}{10}$, $\frac{1}{9}$, $\frac{1}{8}$, $\frac{1}{7}$
 B. $\frac{1}{7}$, $\frac{1}{8}$, $\frac{1}{9}$, $\frac{1}{10}$
 C. $\frac{1}{10}$, $\frac{1}{8}$, $\frac{1}{9}$, $\frac{1}{7}$
 D. $\frac{1}{7}$, $\frac{1}{10}$, $\frac{1}{9}$, $\frac{1}{8}$

47. A customer has **Sh 12.80** and spends **Sh 9.90**. How much money remains?

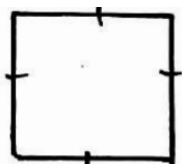
- A. Sh 2.10 B. Sh 2.90 C. Sh 3.90 D. Sh 2.10

48. During a school fundraising exercise, three groups collect **768**, **592** and **38** items. How many items do they collect altogether?

- A. 1,398 B. 1,389 C. 1,938 D. 1,839

49. A learner observes the closed, four-sided figure shown in the diagram.

What is the name of the figure?



- A. Rectangle B. Oval
 C. Square D. Circle

50. A learner observes a repeating pattern of shapes in the diagram.



Which option shows the shape that should come next?

- A.  B. 
 C.  D. 

ANSWERS

1. B
2. C
3. A
4. D
5. A
6. C
7. B
8. D
9. A
10. B
11. B
12. B
13. C
14. A
15. D
16. B
17. B
18. C
19. A
20. C
21. C
22. B
23. D
24. B
25. B
26. D
27. A
28. D
29. B
30. B
31. A
32. C
33. D
34. B
35. D
36. B
37. A
38. C
39. D
40. B
41. A
42. C
43. B
44. C
45. D
46. A
47. B
48. A
49. C
50. C