ABARILELA ELITE'S EXAMINATION BOARD (AEEBO)

PRIMARY SEVEN MOCK EXAMINATIONS 2024

MATHEMATIC

Time allowed: 2 hours 30 minutes

Index No.

Random No.						Personal No.		

Name: ....

Signature: ....

School ....

District: ....

Read the following instructions carefully:

1. Do not write your **school** or **District name** anywhere on this paper.

2. This paper has two sections **A** and B. Section **A** has **20 questions** and **section B** has **12 questions**. This paper has **12 pages** printed altogether.

3. Answer **all** questions. All the working for both sections **A** and **B** must be shown in the spaces provided.

4. **All** working must be done using a **blue** or **black** ball point pen or ink. Any work done in pencil other than graphs and diagrams will **NOT** be marked.

5. **No calculators** are allowed in the examination room.

6. Unnecessary **changes** in your work and handwriting that cannot be easily ready may lead to loss of marks.

7. Do not fill anything in the box indicated: **"For examiners' use only"** and the boxes inside the Question paper.

FOR EXAMINERS'		
QN. NO.	MARKS	EXR'S NO
1 - 5		
6 - 10		
11 - 15		
16 – 20		
21 – 22		
23 – 24		
25 – 26		
27 – 28		
29 – 30		
31 – 32		
TOTAL		

Turn Over

1) Add:33+44

4) Awole paid sh.2400 for a shirt after a discount of 20%.caculate the marked price

2) What is the product of the value of 4 and 9 in the number 789346?

5) Draw a line AB 0f $4\frac{1}{2}$ cm

3) Write LVI in Hindu Arabic numeral

6) The ratio of the two number is 2:3 receptively .if their GCF is 10, calculate their lowest common multiple.

7) Find the perimeter of the figure

21cm
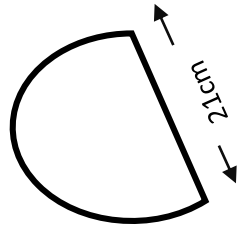
9) Multiply: +2 X - 4 ,using number line
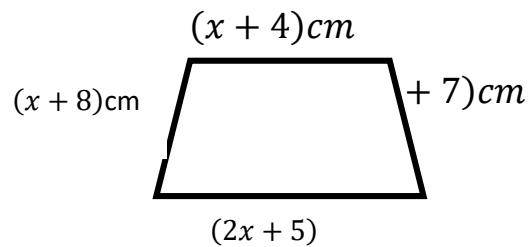
10) Solve: $3(y - 2) = 4(finite\ 5)$

8) The sum of the length of all the the edge of the cuboid below is 96cm.find the length of edge.


10 cm

8cm   L
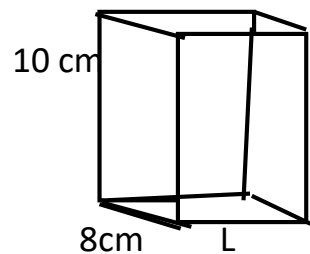
11) Oplot left moroto 7:00am. He headed to mbale and arrived after 16hour .At what time did he arrive in mbale .

12) Calculate the perimeter of figure below in cm.

$(x + 4)cm$

$(x + 8)cm$ $+ 7)cm$

$(2x + 5)$

The area of rectangle below is $48cm^2$.use it to answer the question that follow

X cm

8 cm

14) Find the value of x

13) Malindwa bought 5book and 3pens at sh.25, 000. If the cost of abook is sh.200 more than a pen, find the amount malindwa spent on each item.
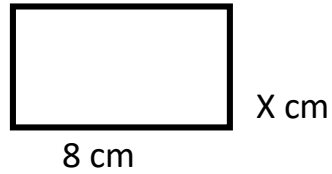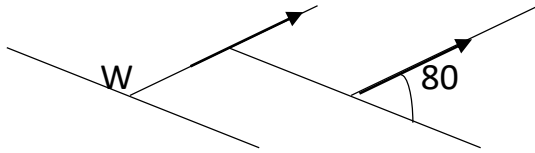
15) Round off 37 to the nearest tens using number line

16) Joy is 12year while Julius is 15years .in how many year time will their age be 6:7 respectively.

17) Find the value of angle w

18) Express $\frac{8}{11}$ as decimal

19) Change 2.333….to a rational number.

20) Is 21846 divisible by 11

<u>SECTION B (60MARKS)</u>

21) a) The average of weight of 5 pupil is 48kg.when their teacher join them, the average become 49kg.calculete the weight of the teacher.

b) Find the mean of 8, 6p, 0, 7 and 4p

22) a) Find the sum of 5th triangular number and the 7th triangular number.

b) The sum of four consecutive odd numbers is 72. If the smallest number is $(t + 1)$; find the value of t:

c) Find the numbers.

23) Pupils were asked to stand on a line at interval of 6m apart; if joshen was standing in the 12th position from either side

a) How many pupil were on the line?

b) Find the length of the line from the first pupil to the last pupil

24) a) The product of the two number is $\frac{7}{8}$, one of the numbers is $\frac{2}{3}$. Find the other number.

b) The weight of 3boys is 24.5kg, 27.63kg and 32.7kg.what is the total weight of the three boys.

26) A tank is $\frac{2}{3}$ full of water, when 300liter have been added to it, the tank becomes $\frac{5}{6}$ full.

    a) What is the capacity of the tank when complete full?

25) Victory junior school is mixed school. $\frac{3}{8}$ Of the pupils are girls and 240 are boys. How many pupil are in the school?

   b) What is the volume of when $\frac{3}{4}$ full?

27) Three men Joshua, Julius sudri and mugaga contributed money for a business. In the ratio of 3:5:7 respectively. If Joshua gave sh.360, 000 less than muaga. how much did Julius distribute.

28) a) AJamo got a loan sh.450,000 from jimmy at an interest rate of 10% per annum. If she paid an interest of 90,000.calculate the time he took to clear the loan.

b) By what percentage will 4000 cattle be increased to get 480?

29) Wakiso and kasese are 2000km apart. Motorist left wakiso7am travelling at an average speed of 50km/hr. He got a puncture at9am and the repair took 30minutes. After repairing he travelled and reached kasese at 12:30am covering 100km.

a) Represent the information on the travel graph.

200
160
120
80
40
0

7am   8am   9am   10am   11am   12noon
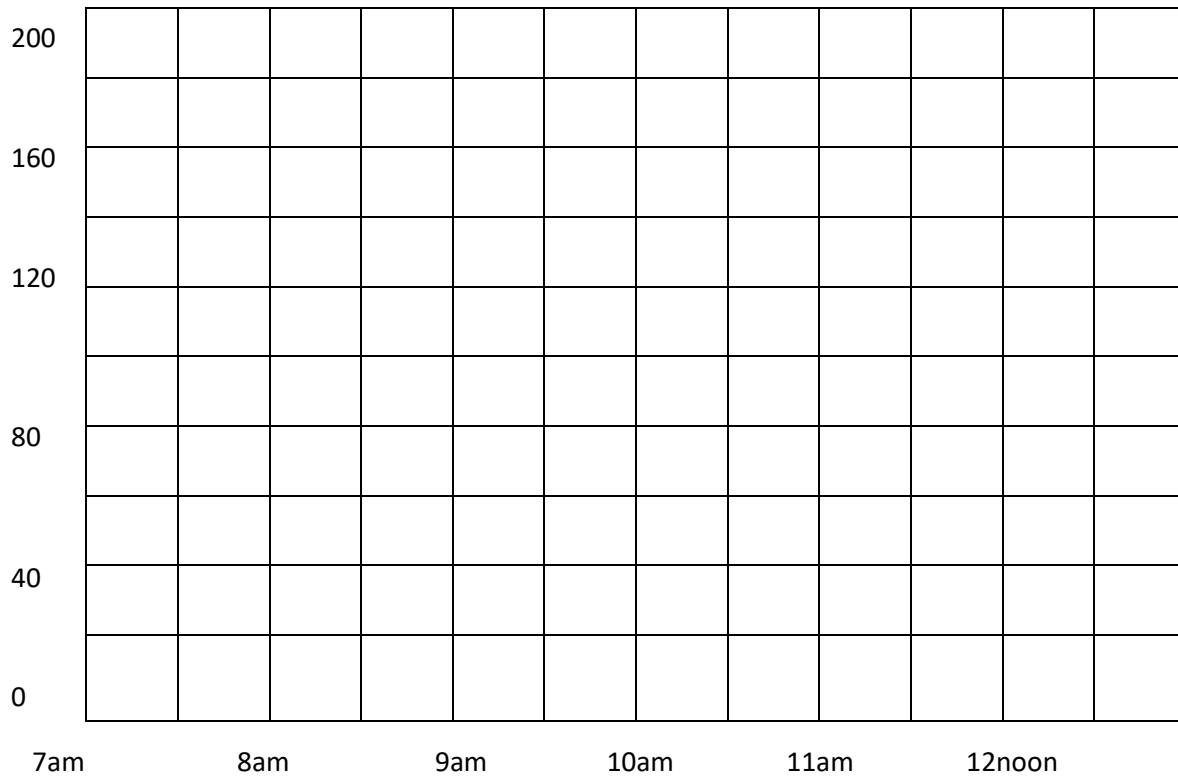
b) Calculate the average speed for the whole journey.

30) The pie-chart below represent how MR. muikibi spends his monthly salary on sh 720,000.use it carefully and answer the question that follow.
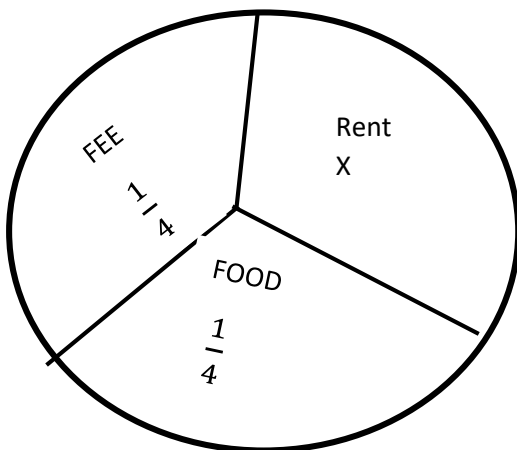
a) Find the value of x.

b) How much does he spend on food

c) Express the amount of money he spend on food as a percentage.

31) The exterior angel of a regular polygon is 60° more than its exterior angle.
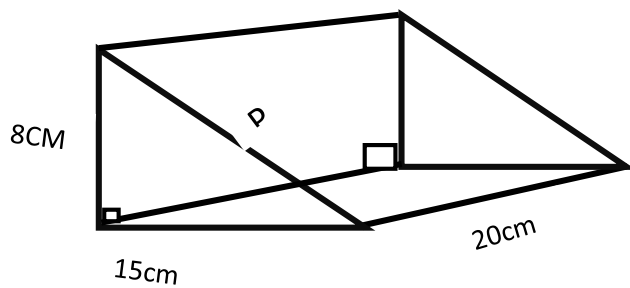
a) I) what is the size of each exterior angle?

ii) What name is given to the polygon?

b) The exterior and interior of regular polygon are in a ration of2:7 respectively

i) Calculate its exterior angle.

ii) What name is given to that polygon?

32. Find the total surface area of the triangular prism below.

8CM

P

15cm

20cm

END