MID-TERM I EXAMINATION

PRIMARY FIVE

MATHEMATICS

Time allowed: 2 hours 30 minutes

Name: _____

School: _____

FOR EXAMINER'S USE ONLY

Read the following instructions carefully:

1. The paper has **two** sections: **A** and **B**

2. Section **A** has 20 short questions (40 marks)

3. Section **B** has 12 questions (60 marks)

4. Answer **ALL** questions. All answers to both Sections A and B must be written in the spaces provided.

5. All answers must be written using a blue or black ball point pen or ink. Diagrams should be drawn in pencil.

6. Unnecessary alteration of work may lead to loss of marks.

7. Any handwriting that cannot be easily read may lead to loss of marks.

8. Do **not** fill anything in the boxes indicated for Examiner's use only.

FOR EXAMINER'S USE ONLY		
Qn. No	**MARK**	**SIGN**
1 – 10		
11 – 20		
21 – 30		
31 – 32		
TOTAL		

Turn over

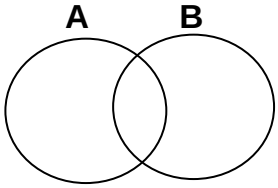
SECTION A: 40 MARKS

1. Subtract: 4 8

$$\begin{array}{r} -\ 1\ \ 6 \\ \hline \end{array}$$

2. Find the place value of 4 in the number 6459.

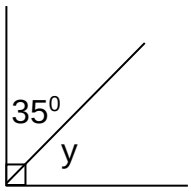
3. Shade A∪B in the venn diagram below.



4. Find the next two numbers in the sequence.

   0, 4, 8, 12, ___, ___

5. A shirt costs shs. 7000. How much money will Andrew pay for 5 similar shirts?

6. 

   Find the size of angle y in degrees.

7. Add: $\frac{5}{9} + \frac{2}{9}$

8. If ⚽ represents 5 balls, how many balls are represented by ⚽⚽⚽ ?

9. Mustafa started walking from his home at 8:30a.m. and reached school at 10:30a.m. How long did it take him?

10. Solve: $k + 4 = 12$

11. Work out: $3\overline{)126}$

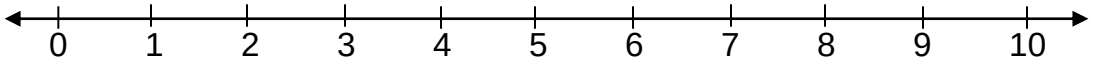
12. Draw line PQ = 7.5cm

13. What is $\frac{2}{3}$ of 24?

14. Change 8 kg to grammes.

15. Round off 78 to the nearest tens.

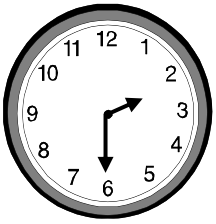
16. Use a number line to work out 4 x 2.



17. Given that: B = {a, b, c, d} Find n(B)

18. Find the number represented by the tallies:
𝍸 𝍸 ///

19. Tell the time.



20. If z = 18, What is the value of $\frac{z}{2}$

SECTION B: (60 Marks)

21. Study the magic square below and answer the following questions.

d	6	a
b	10	12
9	14	c

(a) Find the magic sum *(1 mark)*

(b) Find the value of; *(1 mark each)*

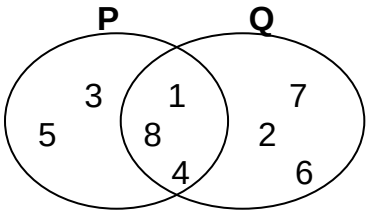
(i) a

(ii) b

(iii) c

(iv) d

22. Study the venn diagram below and answer the questions that follow.



(a) List down the elements of set P. *(1 mark)*

(b) Find the number of elements of set Q. *(2 marks)*

(c) Find n(P∪Q) *(2 marks)*

(d) Find $P \cap Q$ *(1 mark)*

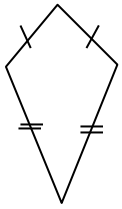
23. Given that a = 2, b = 4 and c = 5. Find the value of the following; *(2 marks each)*

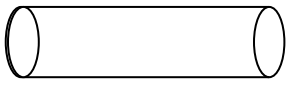
(a) $c + a$

(b) $b + c + a$

(c) $\frac{c \times a}{a}$

24. (a) Name the shapes below. *(1 mark each)*

(i)  _____

(ii)  _____

(b) Draw these shapes *(1 mark each)*

(i) Square

_____

(ii) Trapezium

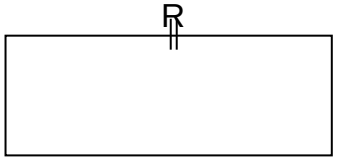
_____

25. (a) How many days are there in the first two months of this year? *(2 marks)*

(b) Change 48 hours into days. *(2 marks)*

(c) A boy walked for 1½ hours. How much time was this in minutes? *(2 marks)*

26. The figure below is a rectangle. Use it to answer questions that follow.



P— —5cm

8cm

(a) What is the value of; *(1 mark each)*

(i) P = _____

(ii) R = _____

(b) Work out the perimeter of the rectangle. *(2 marks)*

(c) Calculate the area of the rectangle. *(2 marks)*

27. **Use the price list below and answer the questions that follow.**

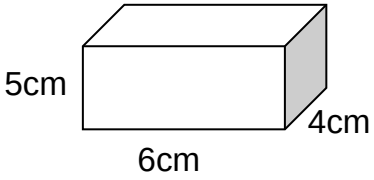
ITEM	**PRICE**
A bar of soap	Sh. 2000
A litre of milk	Sh. 1000
A kg of rice	Sh. 3000
A tin of blue band	Sh. 2500

(a) Find the cost of 2 tins of blue band. *(1 mark)*

(b) Musumba bought 2 bars of soap and 1 kg of rice. How much did he pay? *(2 marks)*

(c) Joyce bought all items in the price list, how much did he pay altogether? *(2 marks)*

28. *Study the figure below and answer the questions that follow*.



(a) Find the number of; *(1 mark each)*

(i) faces _____

(ii) vertices _____

(iii) edges _____

(b) Find area of the shaded face. *(2 marks)*

29. Use **>**, **<** or **=** to complete the statements given below. *(1 mark each)*

(i) 1 week _____ 7 days

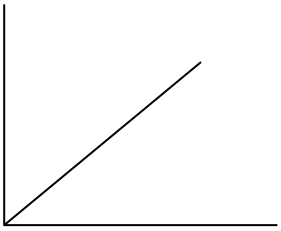
(ii) ¼ _____ ½

(iii) ½ kg _____ 1000 grams

(iv) 2 + 4 x 3 _____ 2 + 4 + 3

30. Find the value of unknown angles. *(2 marks each)*

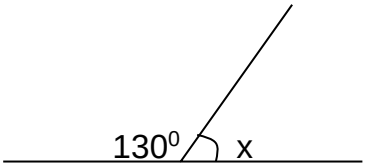
(a)



b

$\square$ 46^0

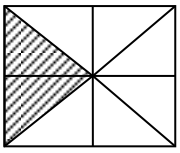
(b)



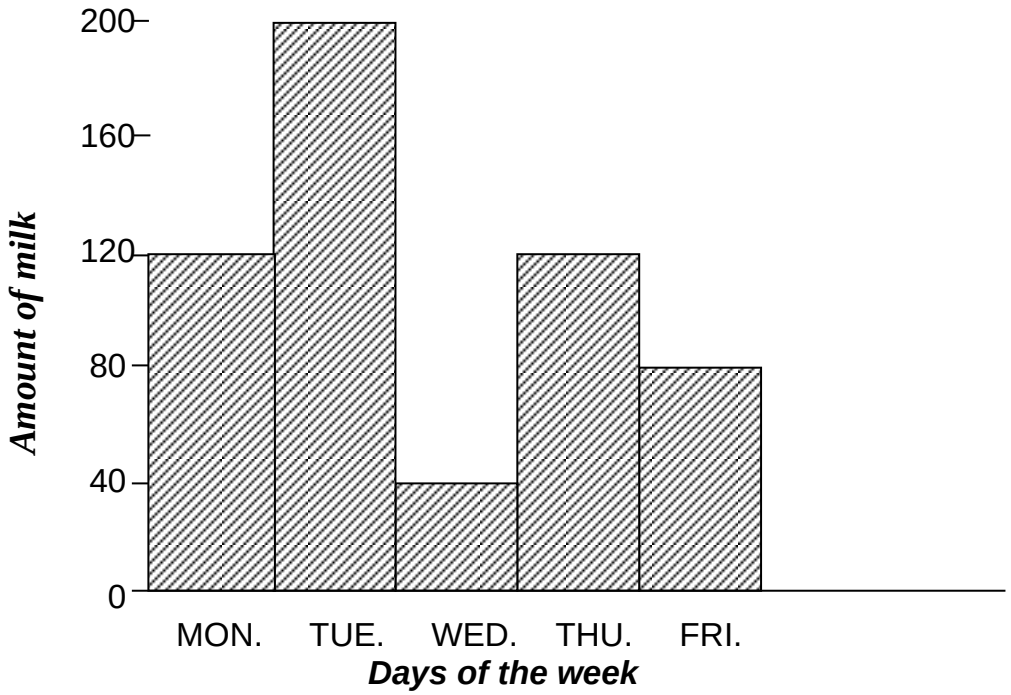
31. (a) I walked $\frac{3}{8}$ of a journey in morning and $\frac{4}{8}$ of it in the afternoon. What fraction of the journey did I walk? *(2 marks)*

(b) A jerrycan is $\frac{3}{6}$ full of water. If I use $\frac{2}{6}$ of the water, what fraction of water is left? *(2 marks)*

(c) Name the unshaded fraction. *(1 mark)*



32. **<u>The graph below shows the amount of milk collected on Mr. Kasumba's farm.</u>**



(a) On which day was the highest amount of milk collected? *(1 mark)*

(b) How much milk was collected on Friday? *(1 mark)*

(c) Find the total amount of milk collected in the five days. *(2 marks)*

Good Luck