MID-TERM I EXAMINATION
PRIMARY FOUR
MATHEMATICS

Time allowed: 2 hours   30 minutes

Name: _____

School: _____

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.

Turn over
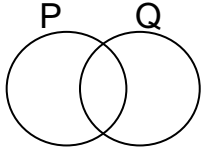
SECTION A: 40 MARKS (2 marks each)

1. Add: 4   2

          + 3   7
          ———

2. Write 112 in words.
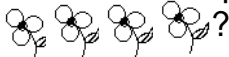
3. Shade P∩Q

P   Q

4. Find the next number in the sequence

3, 6, 9, 12, _____

5. A book costs shs. 500. How much do 3 similar books cost?
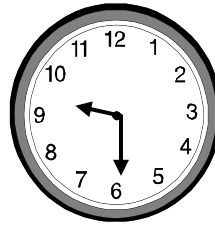
6. Count the number of rectangles.

7. Add: $\dfrac{2}{7} + \dfrac{3}{7}$

8. If represents 3 flowers, how many flowers are represented by ?
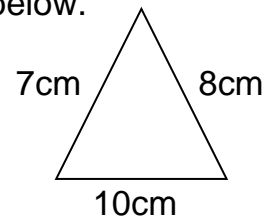
9. Tell the time
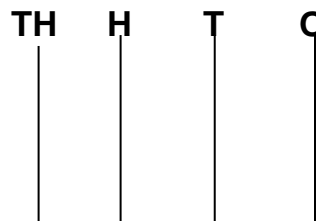

10. Find the missing number

☐ + 3 = 9

11. Draw a cone in the space below.

12. Find the distance around the figure below.

7cm   8cm

10cm

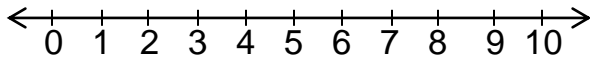13. Show 4 1 0 6 on the abacus below.

TH   H   T   O

14. Share 36 mangoes among 3 boys.

3

15. Shade $\frac{3}{5}$

16. Use a number line to add 5 + 2.

0 1 2 3 4 5 6 7 8 9 10

17. Given that set P = {Days of the week} Find n(P)

18. What is ⅔ of 18 balls?

19. Write 19 in Roman numerals.

20. Complete correctly;
3 + 3 + 3 + 3 = _____ x ____ = ____

21 (a) Name the following shapes.
(1 mark each)

(i) [cylinder shape]   (ii) [rectangular shape]

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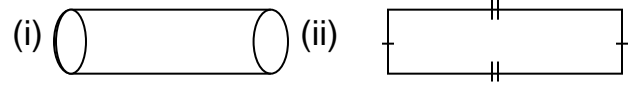
(b) Draw these shapes. *(1 mark each)*

(i) Triangle   (ii) Square

_____   _____

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

R   S

0   2   1
8   4 6   3
5
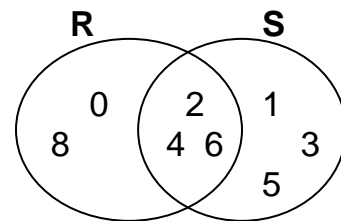
(a) List down the elements of R.
(1 mark)

R = {...........................}

(b) List the members of set S.
(1 mark)

S = {...........................}

(c) Find   *(1 mark each)*
(i) R∩S

4

(ii)   R∪S

(b) $\boxed{}$ - 7 = 13

(iii)   n(R∩S)

23.   **Study the magic square below and answer questions that follow.**

x	1	6
3	5	y
4	z	2

(c)   32 ÷ $\boxed{}$ = 8

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

(d)   7 x $\boxed{}$ = 35

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

25 (a) Kakeeto ate ¼ of a cake. What fraction remained?   *(2 marks)*

(ii)   y

(iii)   z

24.   Find the missing numbers.   *(1 mark each)*

(b)   Work out: $\dfrac{7}{8}$ - $\dfrac{5}{8}$ *(1 mark)*

(a) $\boxed{}$ + 6 = 9

5

(c)   How many ½ litre cups of water will fill a 5 litre bucket?   *(2 marks)*

(c)   Find its perimeter.   *(2 marks)*

26.   **Use a number line to work out the following**.   *(2 marks each)*

(a)   6 + 3 =

```
←—+—+—+—+—+—+—+—+—+—+—→
  0  1  2  3  4  5  6  7  8  9  10
```

(b)   8 – 4 =

```
←—+—+—+—+—+—+—+—+—+—+—→
  0  1  2  3  4  5  6  7  8  9  10
```

(c)   3 x 2 =

```
←—+—+—+—+—+—+—+—+—+—+—→
  0  1  2  3  4  5  6  7  8  9  10
```
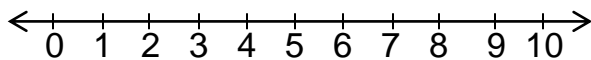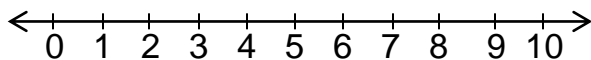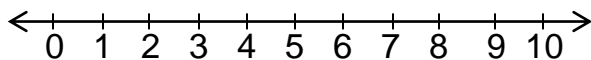
27.   **Use the figure below to answer the questions**.

5cm
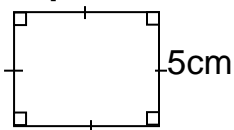
(a)   Name the figure above.   *(1 mark)*
(b)   Calculate its area.   *(2 marks)*

28.   Complete the table below.
(1 mark each)

Weeks	1	2	___	___	3
Days	7	___	28	35	___

29.   **Use the price list below to answer the questions that follow.**

ITEM	PRICE
A bar of soap	Shs. 1800
A kg of beans	Shs. 2000
A packet of salt	Sh. 1000
A litre of milk	Shs. 2000

(a)   Find the total cost of 2 packets of salt.   *(2 marks)*

(b)   How much will Peter pay for 3 litres of milk?   *(2 marks)*

(v)   3 x 10 _____ 10 x 3

(c)   Find the total cost of all the items.
                              (2 marks)

31.   Shamsa is 16 years old. Her sister
      Aisha is 4 years younger than her.

(a)   Find Aisha's age.   *(2 marks)*

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

(i)   1 + 2 _____ 3 + 0

(b)   What is their total age?   *(2 marks)*

(ii)   107 _____ 170

(iii) ½ _____ ¼

(c)   Find Aisha's age after 10 years.
                              (2 marks)

(iv)   IV _____ VI

32. **The graph below shows the attendance of P.4 pupils for a week. Study it carefully and answer questions that follow.**
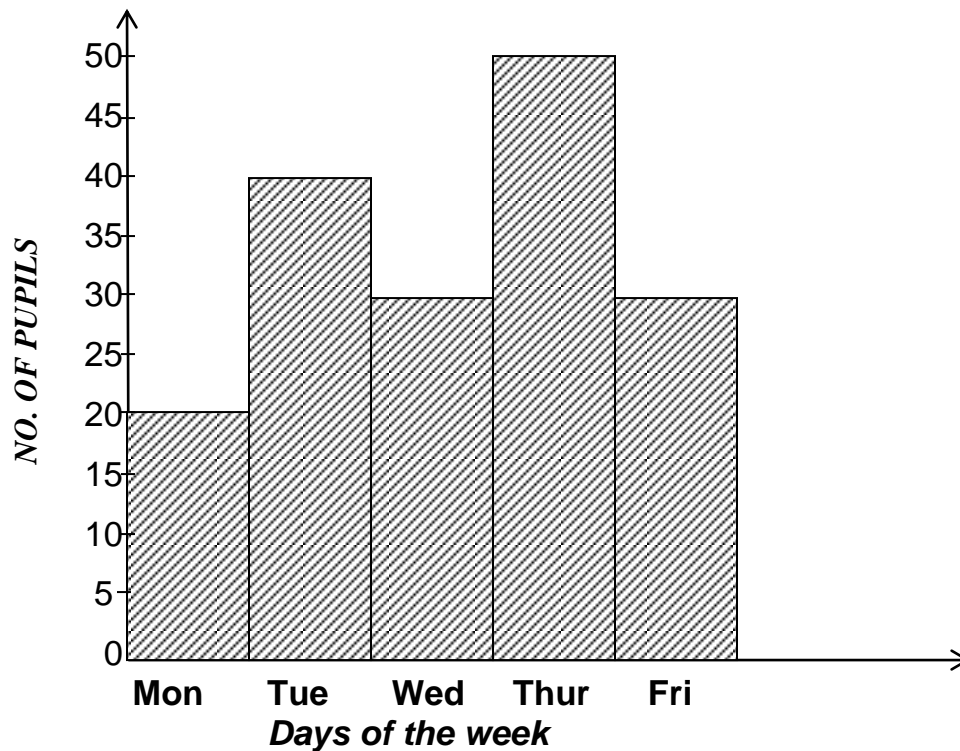
(a) How many pupils attended school on Thursday? *(1 mark)*

(b) On which two days was the attendance the same? *(2 marks)*

(c) On which day was the attendance the highest? *(1 mark)*

(d) How many pupils attended school on Monday, Wednesday and Friday?

(2 marks)

Good Luck