

NAMAGUNGA PRIMARY BOARDING SCHOOL

P.5 REVISION WORK – SET TWO

(MATHEMATICS; 2020)

Time allowed:

2 Hours 30 Minutes

Name:.....

stream:.....**Date:**.....

DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO

Read the following instructions carefully:

1. This paper has **two** Sections: **A** and **B**.
2. Section **A** has **20** 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 spaces provided in full sentences.
5. All answers must be written using a blue or black ballpoint pen or ink but not pencil. All work done in pencil except diagrams will **NOT** be marked.
6. Unnecessary alteration of work will lead to loss of marks.
7. Any handwriting that cannot be easily read, may lead to loss marks.

FOR EXAMINERS' USE ONLY

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FOR EXAMINERS' USE ONLY

| QN. NO. | MARK | SIGN |
|--------------|------|------|
| 1 – 5 | | |
| 6 - 10 | | |
| 11 - 15 | | |
| 16 - 20 | | |
| 21 - 22 | | |
| 23 - 24 | | |
| 25 - 26 | | |
| 28 - 30 | | |
| 31 - 32 | | |
| TOTAL | | |

SECTION A:

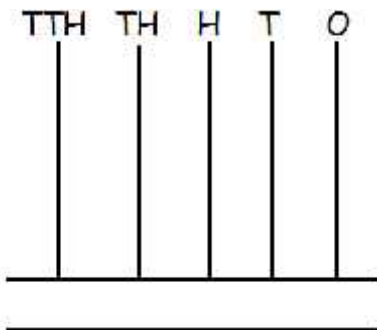
1. Subtract: 43 from 462.

2. Change 200 cm to metres.

3. Find the missing numbers in the sequence below:

2, 3, 5, 7, _____, _____

4. Show 3,021 on the abacus below.

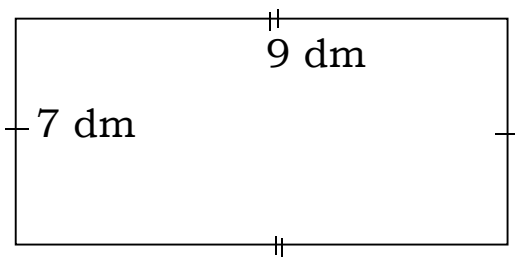


5. Find the missing number in:

$$\square \times 3 = 105.$$

6. Show correctly a quarter to nine in the morning on a clock face.

7. Find the area of the figure below:

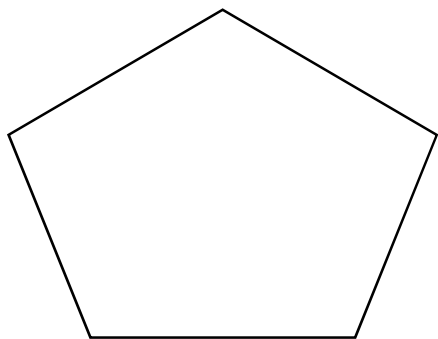


8. Work out: $5\frac{1}{4} + 6\frac{1}{4}$.

9. Given that set $M = \{\text{even numbers less than ten}\}$;
find the number of subsets of M .

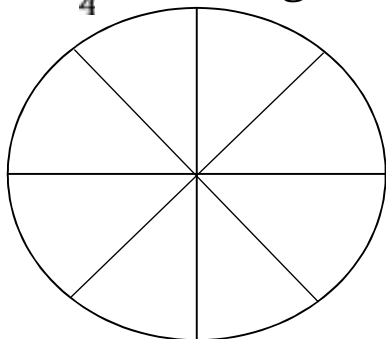
10. The unit cost of a bag is sh. 3,600, how many such bags can Emmanuel buy with sh. 7,200?

11. Name the shape below:



12. Mary sells oranges in groups of threes for sh.500 each.
How much money will she get if she has 15 such groups?

13. Shade $\frac{3}{4}$ of the figure below:

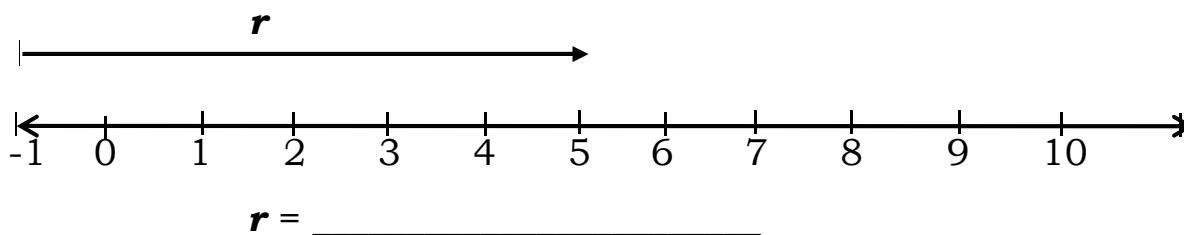


14. Work out: **kg** **g**

| | |
|-------|-----|
| 15 | 650 |
| + 5 | 805 |
| _____ | |
| _____ | |

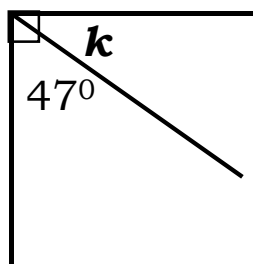
15. Using a ruler, sharp pencil and a pair of compasses only construct an angle of 90° in the space below:

16. Write the value of **r** on the number line below:



17. Round off 6,805 to the nearest hundreds.

18. Find the value of **k**.

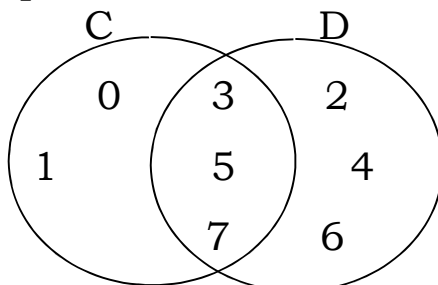


19. Mafabi bought a goat for sh.85,000 and sold it for sh.97,000.
Calculate the profit he got.

20. If  represents 250 books. How many books are represented by ?

SECTION B: (60 MARKS)

21. Use the Venn- diagram below to answer the following questions:



a) List all the members of set C.

(1 mark)

b) Find: $C \cap D$

(1 mark)

c) How many members has set $D - C$?

(2 marks)

22. Tom is **18** years old. Alice is **7** years older than Tom.

a) Find the age of Alice? **(1 mark)**

b) Calculate their total age? **(2 marks)**

c) How old was Tom ten years ago? **(2 marks)**

23 In a group of 40 pupils, $\frac{1}{4}$ of them like swimming and the rest like playing football.

(a) What fraction of the pupils like playing football? **2 marks)**

(b) Find the number of pupils who like:

(i) swimming **(2 marks)**

(ii) football **(2 marks)**

24. Juma gave mangoes to his friends as follows:

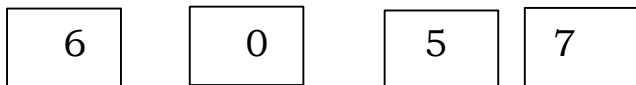
Phiona got 58 mangoes, Pauline got 104 mangoes and Teddy got 26 mangoes.

(a) Who got the least number of mangoes? **(1 mark)**

(b) How many mangoes did Juma give to his friends altogether? **(1 mark)**

(c) Find the difference between the number of mangoes Teddy and Pauline got. **(2 marks)**

25. Mr. Kafuko had the following number cards:



(a) Form the smallest four digit number using the above digits. **(1 mark)**

(b) Form the largest four digit number using the above digits.

(1 mark)

(c) Find the value of 5 in largest number formed.

(2 marks)

26. Use the shopping list below to answer the following questions:

| <u>Items:</u> | <u>unit cost:</u> |
|----------------------|--------------------------|
| 1 packet of salt | sh. 800 |
| 1 kg of sugar | sh. 3,600 |
| 1 bar of soap | sh. 3,000 |

a) Find the total cost of a kg of sugar and 2 bars of soap.

(2 marks)

b) How much will I pay for 4 packets of salt?

(2 marks)

c) Calculate the total cost of 1 kg of sugar, 1 packet of salt and 1 bar of soap.

(1 mark)

27.(a) A meeting started at 9:10 a.m and ended at 9:50 a.m.

How long was the meeting? **(2 marks)**

(b) Convert $3\frac{1}{2}$ in to minutes. **(2 marks)**

(c) Subtract: **(2 marks)**

| Hrs. | mins. |
|-------------|--------------|
| 6 | 25 |
| - 4 | 45 |
| <hr/> | |
| <hr/> | |

28. Simplify:

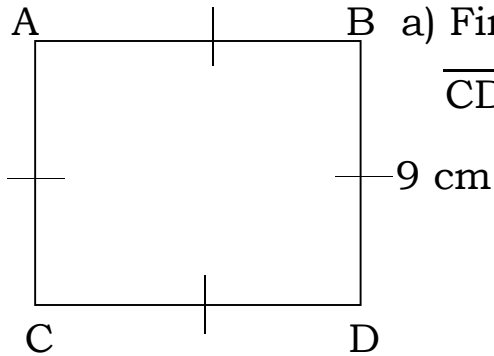
(a) $3m + 5t - m + 4t$ **(2 marks)**

(b) Solve: **(2 marks @)**

(i) $h + 7 = 21$

(ii) $49 \div y = 7$

29. The diagram below is of a square. Use it to answer the following questions:



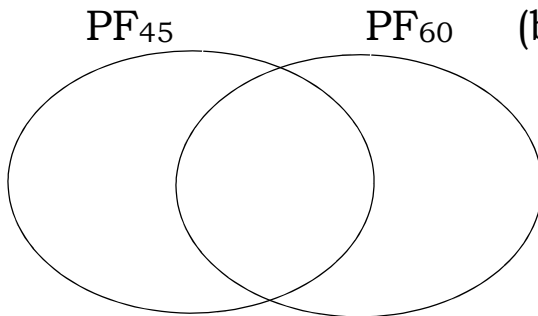
a) Find the length of the line segments:

$\overline{CD} = \underline{\hspace{2cm}}$ **(1 mark)**

b) Work out the distance round the figure. **(2 marks)**

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

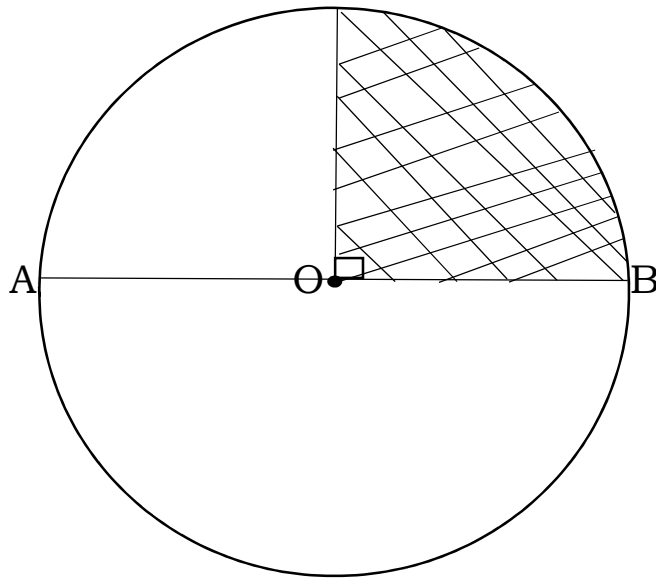
30. (a) Given $PF_{45} = \{3_1, 3_2, 5_1\}$ and $PF_{60} = \{3_1, 2_1, 2_2\}$, show them on the Venn diagram below: **(3 marks)**



(b) Find the GCF of 45 and 60 using the Venn diagram. **(1 mark)**

(c) Find the L.C.M of 45 and 60. **(2 marks)**

31. Study the figure below and answer the questions that follow:



(a) Name the lines marked:

(i) \overline{AB} **(1 mark)**

(ii) \overline{OD} **(1 mark)**

(b) Name the shaded part of the figure above








(1 mark)

(c) If $\overline{OD} = 14$ cm, find the length of \overline{AB} .

(2 marks)

32. Given  stands for 5 oranges.

Study the weekly sale for John and answer the questions

| Days: | No of oranges: |
|------------------|--|
| <i>Sunday</i> |  |
| <i>Monday</i> |  |
| <i>Tuesday</i> |  |
| <i>Wednesday</i> |  |
| <i>Thursday</i> |  |
| <i>Friday</i> |  |
| <i>Saturday</i> |  |

- (a) How many oranges were sold on Thursday? **(1 mark)**
- (b) Find the total number of oranges he sold in the seven days of the week. **(1 mark)**
- (c) How many more oranges did he sell on Wednesday than Thursday? **(2 marks)**