**NAMAGUNGA PRIMARY BOARDING SCHOOL**

**END OF YEAR HOLIDAY WORK - 2023**

**PRIMARY FIVE - MATHEMATICS *Set One***

***Time allowed: 2 Hours 30 Minutes***

***Name:……………………………………………………... Stream :…………..…..…***

**SECTION A**

1. Work out the sum of 302 and 498.

2. Given that set C = {k, l, m, n}, find the number of proper

subsets of set C.

3. What is the place value of 2 in the number 7.02?

4. Work out: 32 – 40 + 18

5. Using a ruler and a pair of compasses only, construct an

angle of 1200

6. The cost of 5 shirts is sh.30,000. Find the cost of 9 similar

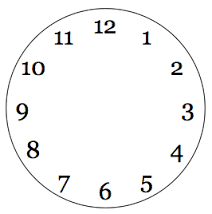
shirts.

7. If represents 12 seedlings. Draw pictures to represent 60

seedlings.

8. Write the evening time shown on the clock face in digital

form

 \_\_\_\_\_\_\_\_\_\_\_\_\_

9. Convert 5.2kg to grammes

10. Given that Q = -5 and P = +2, work out : Q - P

11. Mary took a clockwise turn from West to Southeast.

Through which angle did she turn?

12. Find the diameter of a circle with radius 3.5cm.

13. Work out the average of 6, 4, 5, 3 and 2

14. What number has been prime factorized to give 22 × 31 × 51

15. A farmer collects 18 eggs everyday. How many eggs did he

collect in October?

16. Express 0.25 as a common fraction in its lowest terms.

17. Find the GCF of 12 and 18

18. A dice is rolled once. What is the probability that an

odd number showed up?

1. Write **LXIV** in Hindu Arabic numerals.

1. Name the solid figure whose net is drawn below.

\_\_\_\_\_\_\_\_\_\_\_\_\_

**SECTION B**

1. Given that **M** = { odd numbers between 6 and 16 }

**N** = { composite numbers less than 16 }

1. List the members of ;
2. **M** = { } (1mark)
3. **N** = { } (1mark)
4. Represent the above information on the venn diagram below. (2marks)

**M N**

1. Mr. Kawalya started his journey to Masaka at 8:15pm and

reached at 11:30 pm.

1. Convert his arrival time to 24 hour clock system.

(2marks)

1. Calculate the time he spent on his way to Masaka.

(2marks)

1. Work out the distance he covered if he drove at a speed of 80km/hr. (2marks)
2. (a) Add 2 4 3five (2marks)

+ 1 0 3five

(b) Change 58ten to base five (2marks)

1. **5x** and **4x** are supplementary angles.
2. Find the value of **x** (2marks)
3. Work out the size of each angle. (2marks)
4. Use a protractor, ruler and sharp pencil to draw an angle of 730 in the space provided below.

(2marks)

1. Use the figure below to answer the given questions.

5p-8cm

2p+4cm

1. Find the value of p in centimetres. (2marks)
2. Work out the actual length of the rectangle. (2marks)
3. Calculate the total distance round the figure if the width is 5cm. (2marks)
4. Given the number line below.

c

d

-1 0 1 2 3 4 5 6 7 8 9 10

e

1. Identify the integer represented by;

c = ……………….. (1mark)

d = ……………….. (1mark)

e = ……………….. (1mark)

1. Write a mathematical sentence for the above number line.

(2marks)

1. Study the figure and use it to calculate the area of the

shaded part

12cm

**5cm**

8cm

1. Nancy wanted to bake a cake for her birthday.

She went to the market and bought the following

ingredients.

* tray of eggs at sh.9,000 per tray
* 2 packets of wheat flour at sh.7,500 per packet
* 1 kg of sugar at sh.4000 per kg
* tins of vanilla flavour at sh.2,500 each tin

1. Calculate the cost of Nancy’s cake. (5marks)
2. If she moved with 2 notes of sh.10,000 and one note of sh.20,000, what was her change? (1marks)
3. Using a ruler, a pair of compasses and a sharp pencil only,

construct a square of side 4.5cm. (4marks)

1. A father shared his peace of land among his three sons,

Ramsy, Rawal and Rasul. Ramsy was given of the piece

and Rawal got .

1. Find the fraction that was given to Ramsy and Rawal.

(2marks)

1. Calculate the fraction that was given to Rasul. (1mark)
2. If the piece of land had an area of 300m2, find the area of

land that was given to Rawal. (2marks)

31. Given that digits **8, 0, 5, 7**

(a) Write the smallest four digit numeral that can be formed.

(1mark)

(b) Work out the difference of the value of 8 and the place value

of 5 in the above numeral formed. (1mark)

(c) Write the biggest numeral formed in words. (1mark)

1. The table below shows the number of points scored in a quiz

competition by different streams.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Stream** | **East** | **North** | **South** | **West** |
| **points** | **80** | **65** | **45** | **85** |

1. Which stream won the competition? (1mark)
2. Draw a bar graph to represent this information. (5marks)

(Use a vertical scale : 1 small square represents 5 points)

**END**

Parent’s Name: ………………………………………

Parent’s Signature: ………………………

Date: ……………………..