**FAITH JUNIOR SCHOOL-KASENGE**

**BEGINNING OF TERM III EXAMINATION 2023**

**MATHEMATICS**

**PRIMARY FIVE**

***Time allowed: 2hours 30 minutes***

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**SECTION A**

1. Add 27 + 13 2. Write in short: x + 2x + 3x

3. Shade AB 4. Express 4m as cm

**A B**

5. What number has been prime factorized 6. How many items are in 3 dozens?

to give {21, 22, 31, 51}

7. Find the size of angle x 8. Write 54 in Roman numerals

x

700 400

9. Find the perimeter of the figure below. 10. Write the next number in the sequence

1, 3, 6, 10, 15, \_\_\_\_\_\_\_

6cm

15cm

11. Find the LCM of 8 and 12 12. How many lines of folding symmetry has the figure below?

13. List all factors of 12 14. A coin is rolled once. What is the

probability of a head showing up?

15. The radius of a circle is 14cm. Find its 16. Draw an angle of 600 using a protractor

diameter

17. Musa is 6 years older than John. 18. 4 pens cost sh. 2800. What is the cost

Find their total age of 2 pens?

19. Add: 3 4 2 1 1 6 20. Find the square of 10

+ 3 2 7 5

**SECTION B**

21. Study the Venn diagram below and use it to answer the questions that follow.

**A** (a) Find the number of elements in A B (2marks)

9

5 **B** 8

1 2

4 3

6 7

(b) List all elements of set A (2 marks)

(c) Find the n(AB) (1 mark)

22. (a) Round off 2967 to the nearest hundreds (2 marks)

(b) Find the sum of the value of 9 and the place value of 6 (2 marks)

(c) Expand the above number using values (2 marks)

23. (a) Complete the factor tree (3 marks)

40

2

10

2

(b) Find the GCF of 15 and 25 ( 2 marks)

24. (a) A mother gave out ¾ of her cooking oil to a friend. If she had 80 litres, how many

litres did she give out. ( 2 marks)

(b) How many litres did she remain with? ( 2 marks)

(c) Convert to a mixed number ( 2 marks)

25. The figure below is a cube. Use it to answer the questions that follow.

(a) Calculate the area of the shaded part. (2marks)

8dm

(b) Work out its volume. ( 2 marks)

26. Multiply

(a) 2five 3five ( 2 marks)

(b) Add: 14five + 43five ( 2 marks)

27. (a) 2y and 300 are complementary angles. Find the value of y ( 2 marks)

(b) Calculate the size of angle P in degrees (3marks)

p

500

28. Solve: (a) 2y + 4 = 12 ( 3 marks)

(b) = 10 (2 marks)

29 Work out: (2 marks each)

(a) weeks days (b) Hrs Min

4 2 5 40

2 5 + 2 25

(b) Convert 2hrs to minutes.

30. Using a pair of compasses and a ruler only, construct a regular hexagon in a circle of radius 4cm. (4 marks)

31. (a) A lorry can carry 4800 crates of soda. Each crate contains 24 bottles of soda. How

many bottles does it carry? (3 marks)

(b) Divide 84 12 (2 marks)

32. Study the line graph below and use it to answer the questions that follow.

Hakim

Cate

Ronald

Sam

Aisha

0 10 20 30 40 50 60 70 80 90

***weight in kilograms***

(a) Name the pupils with the same weight. ( 1 mark)

(b) How much heavier is Aisha than Sam (2 marks)

(c) What is the total weight of 5 pupils? (2 marks)