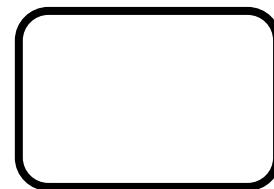# KISOZI BUDDO NURSERY AND PRIMARY SCHOOL
PRE PLE ASSESSMENT SET THREE INTERNAL, 2023

PRIMARY SEVEN

MATHEMATICS

Time Allowed: 2 Hours   30 Minutes

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

INDEX NUMBER: ☐☐☐☐☐☐☐☐☐

Read the following instructions carefully:

1. This paper has two sections **A** and **B**. Section A has **20** questions and Section B has **12** questions.

2. Answer all questions in both sections in the spaces provided with a **blue** or **black** pen.

3. Any **drawing** or **shading** needed must be done in **pencil** only.

4. Unnecessary **crossings** in your working may lead to **loss** of marks. So, try to **avoid** it.

5. Any poor handwriting and disorganized work may lead to **loss** of marks.

6. Do **not** fill anything in the boxes indicated "FOR EXAMINERS` USE ONLY"

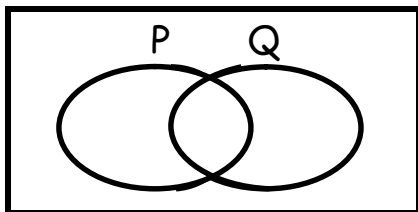*@ 2023 Kisozi Buddo Nursery And Primary School.*

1. Workout: 13 X 3

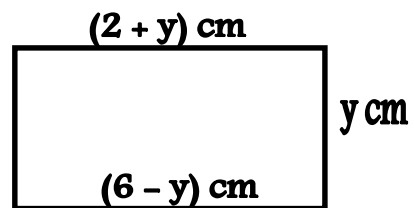2. Write Forty thousand four hundred Forty in numerals.

3. Solve the inequality: $4 - 2x > -2$

4. Change 315 cm to metres.

5. On the Venn diagram below, Shade the region of (P n Q).

6. Find the value of y in the figure given below.

$(2 + y)$ cm

y cm

$(6 - y)$ cm

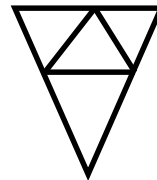**Turn over**

7. What is the value of 7 in the number 21.72?

8. Workout: $(86 \div 2) - (3 \div 2)$ using a a distributive property.

9. Mary bought 4.2 kg of beans. She packed all the beans into small sackets of 200 g each. How many Sackets did she get?

10. Round off 5999 to the nearest Tens.

11. Write 279 into Roman numerals.

12. Name the solid figure whose net is drawn in the space below.

....

13. A thief broke into our house at eight minutes to mid night. Express this time in 24 hour clock system.

14. Calculate the value angle marked p.

30°
p
40°
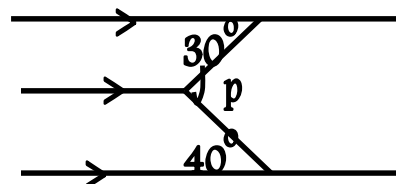
15. Simplify: $1\frac{1}{5}$ X $\frac{5}{6}$

16. In a school of 90 pupils, 55% are boys How many girls are in the school?

17. Simplify: $^-6 + {}^-2 + {}^+8$

18. Maria is standing facing South East direction. If she turns anti-clock wise through an angle of 1350 . In which direction will she face?

19. Find the next two numbers in the sequence below.

20, 19, 23, 23, 22, 26, ……. , …….

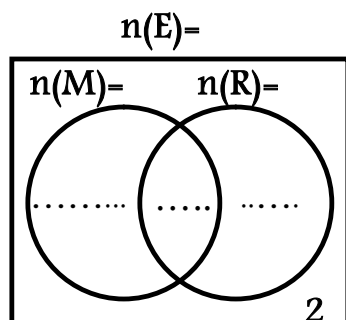20. Find the Highest Common Factor of 216, 288 and 360

Answer all questions in this section.

Marks for each part of the question are indicated in the brackets.

21. In a class of 45 members, 20 like meat(M), t like rice (R) only, 5 like both meat and rice, while 2 donot like any of the two meals.

    a) Complete the venn diagram below.   **(3 marks)**

    n(E)=

    | n(M)= | n(R)= |

    ....

    2

    b) Find the number of members who like rice.   **(3 marks)**

22. Suzan went to the shop and bought the following items.

    a) Complete the table below (show your working).   **(4 marks)**

Item	Quantity	Unit cost	Total cost
Sugar	2 kg	Shs.2500	Shs........................
Rice	2 ½ Kg	Shs.....................	Shs.9500
Salt	.... Kg	Shs.1800	Shs.900
Total expenditure			Shs........................

b) If she was left with shs.5100, how much did she have at first? **(1 mark)**

23. The figure below is a rectangle PQRS. Use it to answer the questions that follow.
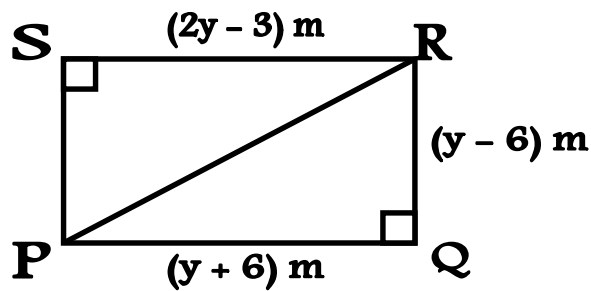
a) Workout the value of y   **(2 marks)**

b) What is the length of side PR**?**   **(2 marks)**

24. A motorist covered the journey from A to town B in 3 hours at a speed of 80 km per hour. It then covered the remaining journey to town C in 2 hours at 75 km per hour.
    a. Calculate the total distance from town A to town C.   **(3 marks)**

b. Workout the motorist`s average speed for the whole journey. **(2 marks)**

25. Draw a triangle ABC in which AB = 10 cm, BC = 6 cm, and CA = 11 cm. On line AB, mark a point D such that AD = 4.5 cm. draw line CD and measure the length of CD. **(5 marks)**

26. a. Simplify: $\dfrac{10^3 \times 10^6}{10 \times 10^4}$ **(3 marks)**

Turn over

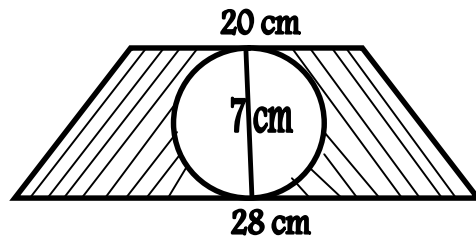b Given that a = 1, b = 3, and c = 5, find the value of;   **(2 marks)**

$$\frac{a(b + c)}{ac}$$

27. In a class of 60 pupils, $\frac{3}{4}$ of them are girls and the rest are boys. How many more girls than boys are in the class?   **(4 marks)**

28. a). Find the area of the shaded part in the figure below.   **(3 marks)**

20 cm

7 cm

28 cm

b). The area of a circle is 154 m². Find its circumference.   **(3 marks)**

Turn over

29. The dress size of some women are given in the table below.

Size of the dress	10	12	14	x	18
Frequency	1	6	8	4	1

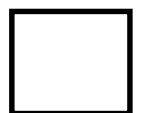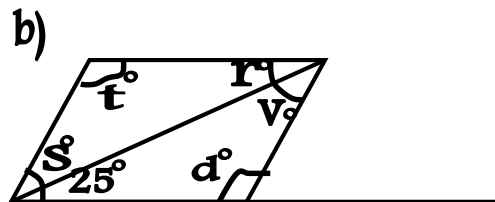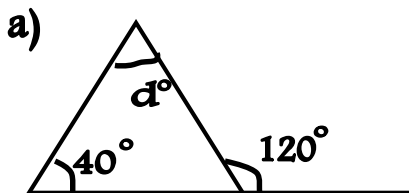a. Find the value of x if the total size of all women was 70. **(2 marks)**

b. Find their:
   i. Median **(2 marks)**

   ii. Mode **(1 marks)**

30. Find the size of each angle marked d in the following figure. **(2 marks each)**

a)

40° 120° d°

b)

t r v s 25° d°

Turn over

31.a. Calculate the circumference of a circle of radius 3 ½ cm.
    (use the value 3 $^1/_7$ for π)   **(2 marks)**

    b. A bicycle wheel has a diameter of 65 cm. During a journey, the wheel
    makes 1000 revolutions. How many metres does the bicycle travel?
                                                                        (3 marks)

32. Given the equation   Y = 2X – 3. Use it to complete the table below.
                                                                        (5 marks)

X	3	………	⁻1	………	1
Y	………	1	………	3	………

GOOD LUCK

➡ **Revise and practise questions in this paper very well.**