BLUEHILL ACADEMY NURSERY & PRIMARY SCHOOL – KITENDE

END OF TERM ONE PRIMARY SIX MATHEMATICS EXAMINATIONS, 2023.

MARKS

NAME: _____

SCHOOL: _____**CLASS**_____

DISTRICT: _____

INSTRUCTIONS

- **Write well.**
- **Avoid crossing.**
- **Use a blue ink.**
- **Diagrams must be in pencil.**

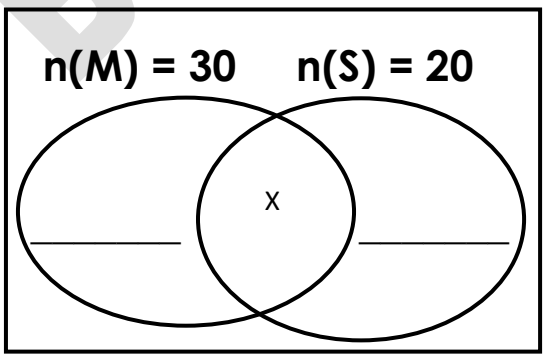
SECTION A (40 marks 2 @ question).

1.	Work out : 3 x 2 _____ _____	6.	If x = 4 , y = 7 and k = 5, work out the value of xy + k
2.	In the space below draw a symbol of an empty set,	7.	Write 48 in Roman numerals.
3.	Find the sum of the next two numbers in the sequence below. 56, 49, 42, 35, _____, _____	8.	Which number has been expanded below? (5 x 1000) + (3 x 100)
4.	Work out : $\frac{3}{4} + \frac{4}{5}$	9.	In the space below draw a cylinder.
5.	Patricia is 15 years old now. How old was she 6 years ago?	10.	Solve for k: 3k – 5 = 10

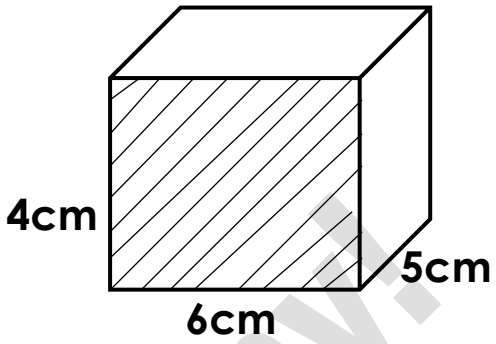
11.	Set V = { 4, 8, a, b }. How many subsets can be formed from Set V?	12.	Change 7 hours to minutes.
13.	Work out : 18 x 6 ÷ 2	14.	Circle the two numbers that are exactly divisible by 3 from the list below. 48, 776, 888, 2221, 6667
15.	Use lattice method to work out : 453 x 27	16.	Find the sum of the value of 4 and the value of 8 in 4583.
17.	Work out : 7 0 2 2 6 - 3 8 9 7 3 _____ _____	18.	Using a ruler, a pair of compasses and a sharp pencil only, construct an angle of 60^0 in the space provided below.

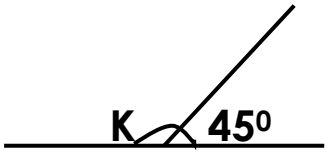
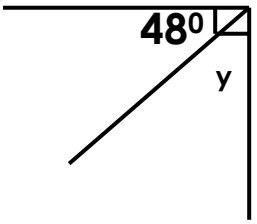
19.	How many $\frac{1}{2}$ litre bottles can be obtained from a 10 litre jerrycan?	20.	Find the L.C.M of 24, 30 and 36.

SECTION B (60 marks).

21.	In a class of 50 pupils, 30 pupils like Mathematics (M), 20 like Science (S) and x like the both subjects as shown in venn diagram below. Use it to answer the questions that follow.  	23.	Shatrat is 72 years old. Muhumuza is 15 years older than her. a) Multiply Muhumuza's age by 3. (3mks) b) What is the sum of their ages? (2mks)

	a) Complete the venn diagram above. (2mks) b) Find the value of x. (2mks) c) Find the probability of picking a pupil who likes only Mathematics. (2mks)		c) Solve for n: n + 7 = 20 (2mks)
22.	Arrange the following fractions in ascending order. $\frac{3}{4}, \frac{3}{5}, \frac{7}{10}, \frac{1}{2}$ (5mks)		

24.	**a) Construct a regular hexagon in a circle of radius of 2cm. (5mks)** **b) Find the diameter of that circle. (1mk)**	**25.**	**The figure below is a cuboid. Use it to answer the questions that follow.**  **a) Find the volume of the figure above. (3mks)** **b) Find the area of the shaded part. (2mks)**
26.	**Muluuta went shopping with a fifty thousand shillings note and bought the following items.** **<u>Items</u>** **A loaf of bread at Sh. 5200** **A tin of honey at Sh. 6000** **A packet of milk at Sh. 1500** **2 kilograms of sugar at Sh.5500 each kilogram.**		

	a) Find Muluuta's total expenditure. (4mks) b) Find Muluuta's change after buying all the items. (2mks)	27.	Find the value of unknowns in the figures given below. a) (2mks)  b) (2mks) 
28.	Work out the following: a) $\frac{3}{4} - \frac{1}{2} + \frac{2}{3}$ (3mks)	b)	In a class of boys and girls, there are $\frac{3}{5}$ girls. Find the fraction of boys. (2mks)

29.	Change the following as instructed: 5 weeks to days (2mks) 3 years to months (2mks)	30.	a) One book costs Sh. 1500. Find the cost of 8 similar books. (2mks) b) Divide 135 by 3 using long division. (2mks)
31.	If ☆ represents 15 stars. a) Draw pictures to represent 30 stars. (2mks) b) How many stars are represented below? (2mks) ☆☆☆	32.	Work the following: a) 3 5 . 1 4 (2mks) + 5 2 . 5 0 _____ _____ b) $\frac{3}{5}$ x 30 (2mks)

END