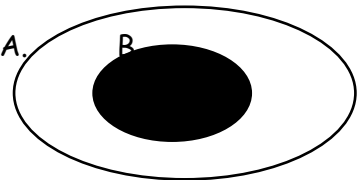


PRIMARY SIX MIND KEEP UP SERIE VI MATHEMATICS 2024

TR OCHENG WILSON PRINCE

NAME:.....FAMILY.....Marks.....

1	Write 172063 in words	2	Give that set $K = \{ 4, 6, 7, 5\}$ Find the number of proper subsets.															
3	Simplify-19 – -12	4	Find the missing number <table border="1"><tr><td>Base</td><td>No</td><td>Remainder</td></tr><tr><td>4</td><td>.....</td><td>2</td></tr><tr><td>4</td><td>17</td><td>.....</td></tr><tr><td>4</td><td>4</td><td>0</td></tr><tr><td></td><td>1</td><td></td></tr></table>	Base	No	Remainder	4	2	4	17	4	4	0		1	
Base	No	Remainder																
4	2																
4	17																
4	4	0																
	1																	
5	Express 1004five as a denary base	6	Work out: $4 - 8 + 12 - 6$															
7	The sum of 3 consecutive even numbers is 156. Find the numbers if the smallest number is $2n - 2$	8	Simplify: $\frac{36p^5 \times 8p^3}{48p^6}$															
9	In a class of 4 houses, green red, blue and orange with 24,48,12 and 30 pupils respectively. Groups with equal number of pupils are to be formed. How many groups were formed?	10	Draw a net of cone in the space below.															

11	Increase 630kg by $\frac{2}{5}$	12	Work out: $5(x-2) = 20$
13	What number has been expressed in standard form to give 9.0126×10^2 ?	14	Describe the shaded region 
15	300g of salt cost sh. 900. Find the cost of 3kg of salt.	16	Express 108km/hr to m/s
17	Find the square root of 0.0144	18	A goat is tied to a stump such that the furthest distance round its grazing place is 44m. Calculate the area of the grazing place.
19	The average weight of four boys is 56kg. When two other boys join the group, the average weight becomes 52kg. The sixth boy is 8kg heavier than fifth boy. Find the weight of the sixth boy	20	Arrange 0.79, .0.63, 0.091 and 0.50 in ascending order