



nurture excellence for greatness

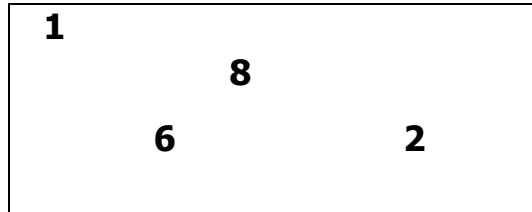
RAPHELA JUNIOR SCHOOL

REVISION ONE

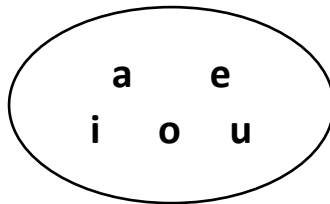
P.5 - MATHEMATICS

1. Name the sets below.

a)



b)



2. Given the sets, find the number of elements in the sets.

$$B = \{ j, o, y \}$$

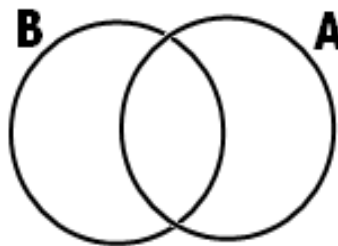
$$P = \{ m, o, n, k, e, y \}$$

$$M = \{ \text{hen, book, run, plate} \}$$

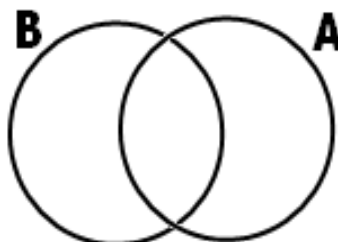
3. Set $R = \{ 2 \}$, find $n(R)$

4. Shade given set regions in the diagrams given below

a) $A \cap B$



b) A'



5. Find the number of subsets if ;

i. Set $m = \{e, m, p, t, y\}$

ii. Set W has 4 elements

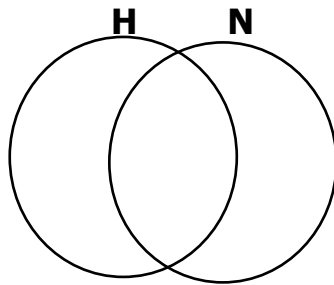
iii. $n(B) = 3$

6. Given that

Set $H = \{a, b, d, f, g\}$

Set $N = \{b, c, f, g, h\}$

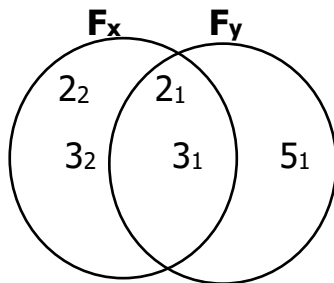
a) Represent the above sets on a venn diagram below



b) Find $H \cap N$

c) What is $n(H \cup N)$?

7. Use the venn diagram below to answer the question that follow



a) Find the value of ;

i) $X =$

ii) $Y =$

b) Find the G.C.F of X and Y

c) Work out the L.C.M

8. Name the set symbols below

$=$ _____
 $\{ \}$ _____

9. Draw the set symbols named below

i. Equivalent set

iii. Intersection

ii. Universal set

10. If Set $A = \{a, b, c\}$

Set $L = \{d, e\}$

Find the number of proper subsets in set A and L