

P.4 MATHEMATICS WEEKEND HOME WORK - 2

Name _____ Stream _____

1. What is a set?
2. Given that set $A = \{a, b, c, d\}$. How many members are in set A?
3. What is an empty set?
4. Match members of set P and Q correctly.

P

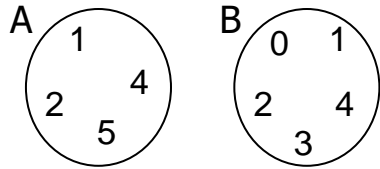
A
B
C
D

Q

D
A
C
B

5. Name the set below:
 $\{a, e, i, o, u\}$ A set of _____

6. Given that set A and set B are;



Which set has more members?

7. Given that $P = \{a, b\}$ List all subsets in set P.

8. If set A $\{1, 2, 3, 4, 5\}$, and set B $= \{2, 3, 5, 7\}$; Find $A \cup B$.

9. How many elements are in $A - B$ in (8) above?

10. Given that $P = \{a, b, c, d, e\}$, set $Q = \{a, e, i, o, u\}$.

(a) Find $P \cap Q$

(b) Find $P \cup Q$

(c) Draw a venn diagram to represent set P and set Q.