



**THE PEARL STANDARD REVISION TEST WEEK  
FOUR TERM ONE 2024**

**"QUALITY ASSURANCE"**

**PRIMARY FOUR TEST 1**

**TEL: 0757999162/ 0782171915**

**MATHEMATICS**

NAME:.....

Disrtrict:.....Date.....

Time Allowed : 1hr

1. Draw a set of 4 balls.

2. Set  $P = \{ 0, 2, 4, 6, \}$ . How many elements has set P?

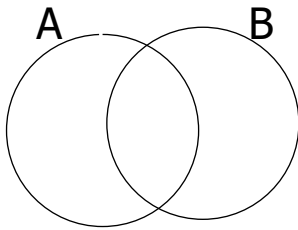
3. Set  $Q = \{ \text{All vowel letters} \}$  . List members of set Q.

4. Give one example of empty set.

5. Set  $S = \{ W, X, Y, Z \}$  and set  $T = \{ 1, 3, 5, 7 \}$

Describe the two sets.

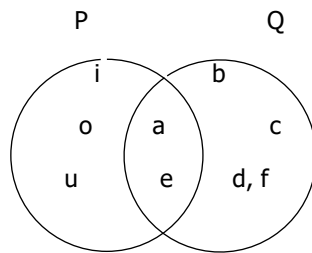
6. Shade  $A \cap B$



7. Name the set symbols below.

- i.  $=$  \_\_\_\_\_
- ii.  $\{ \quad \}$  \_\_\_\_\_
- iii.  $\leftrightarrow$  \_\_\_\_\_
- iv.  $\nleftrightarrow$  \_\_\_\_\_

8. Study the venn diagram below and answer the questions that follow.



a) Find  $P \cap Q$

b) Find  $P \cup Q$

c) List all the elements of set

i.  $P = \{ \quad \}$

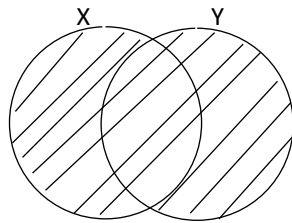
ii.  $Q = \{ \quad \}$

d) How many elements are in set Q only?

e) Find  $n(P \cup Q)$

f) Find  $n(P \cap Q)$

9. Describe the shaded region.



10. Set  $A = \{ 0, 2, 4, 6, 8 \}$  and Set  $B = \{ 1, 2, 3, 4, 5, 6, 7 \}$

List all the common members in set A and B.

Form small sets from set P.

