Set Symbols

Choose the correct set symbol from the list below to match the correct definition.

$\cup$ $\in$ $\subset$ $\notin$ $\cap$ H'

$\varnothing$ or $\{\}$ $\not\subset$ n(A) U or ξ
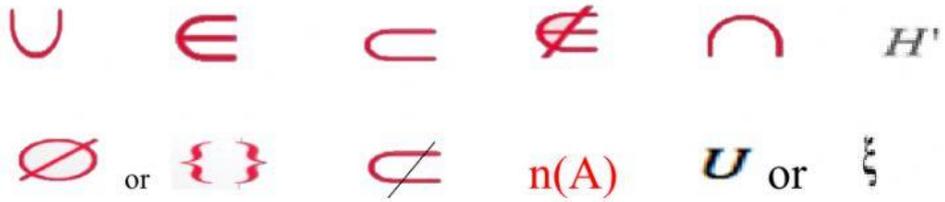
	Set Symbols	Definition
1.		Union of sets
2.		Universal set
3.		Intersection of set/ common members or elements
4.		Member/elements of a set
5.		A subset (a set within a set)
6.		Not a member/element of a set
7.		Compliment of set H (not a member of set H)
8.		Not a subset
9.		Number of members/elements in set A
10.		Null or empty set

Set Notation

Match Column A with Column B which rewrite the following using the correct set notation

Column A	**Column B**

1. 3 is a member of set B $E \cup F$

2. D is equal to an empty set H'

3. The number of element is A is 10 $G \not\subset A$

4. B is subset of A $A \cap B$

5. The intersection of set A and B $D = \varnothing \ \text{or} \ \{ \}$

6. The union of set E and F $n(A) = 10$

7. 6 is not a member of set A $3 \in B$

8. The universal set are wholes 1- 10 $\xi = \{$whole numbers 1- 10$\}$

9. The compliment of set H $6 \notin A$

10. G is not a subset of H $B \subset A$