



### Set Symbols

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

$\cup$        $\in$        $\subset$        $\notin$        $\cap$        $H'$   
 $\emptyset$  or  $\{\}$        $\not\subset$        $n(A)$        $U$  or  $\xi$

	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

1. 3 is a member of set B
2. D is equal to an empty set
3. The number of element is A is 10
4. B is subset of A
5. The intersection of set A and B
6. The union of set E and F
7. 6 is not a member of set A
8. The universal set are wholes 1- 10
9. The compliment of set H
10. G is not a subset of H

#### Column B

$$E \cup F$$

$$H'$$

$$G \not\subset A$$

$$A \subset B$$

$$D = \emptyset \text{ or } \{\}$$

$$n(A) = 10$$

$$3 \in B$$

$$\xi = \{\text{whole numbers 1- 10}\}$$

$$6 \notin A$$

$$B \subset A$$



