Mathematics

Name				Grad	e:		Date:			
	Intersection of Sets									
	Write ${\bf T}$ for (True) and ${\bf F}$ for (False) on the blank spaces									
	The students in your class are a subset of all the students in your school.									
	Prime numbers are a subset of composite numbers If $A=\{x,y,z\}$, $B=\{s,t,u\}$ then $A\cap B$ is \emptyset									
	4. If n (C) = 4 and n(D) = 4 then C = D									
	5. The set of mothers in the world is finite.									
	6. All equivalent sets are equal.									
	7. If X ={a,b,c} and Y = {c,d,e} then X U Y = {a,b,c,d,e}									
8. Union is the set of members of 2 sets.										
9. Two sets are disjoint when their intersection is an empty set										
In the spaces provided place the symbol that will make the relationship true.										
=	<->	U	\cap	⊆	⊄	\in	∉	Ø		
2) 3) 4) 5) 6) 7)	If R = {1, If X = {0 If Q = { W = {ma This syn If M = {0 If Y = {4	,3,5} and denomina 2,3,4,5} n, womar hbol meal l,e, f,g} ar,3,2,1} ar	tar, violin) S = {5,6,7 tional chur then 3 n, child} and ns it goes and N = {a,1 and Z = { 4, , child} and	then R_ rches} Y = G d T= {leaf on foreve o,c,d,e} th 5,6,7} th	S = {Baptis}. , tree, b en M _ en 3 _	= {5}. t} Y _ oranch} N = {0 _ Z	X. so W a,b,c,d,e	T :,f,g}	_A	