1	Math	8	HW	#	6
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	Math 8 HW#6
2.10	1) The number x is not positive, but the number y is positive
	2) If x is not prime, then $\sqrt{x}$ is a rational number
	3) There exists some prime number p such that for every prime number q q p.
	4) There exists some positive number E, such that there is a positive number
	$\delta$ such that $ x-a  \ge \delta$ implies $ f(x)-f(a)  \ge \epsilon$ .
	5) There exists some positive E, where for all positive number M,
	there is a number x where  f(x)-b  ZE whenever x>M
	6) For every real number a for which a+x= x for some real number x.
	7) I'll eat some things that have a face.
	8) There exists some x that is a cational number and \$0 such that cational number
	9) There exists some number x such that sin (x) < 0 and 0 ≤ x ≤ TT
	10) There exists some polynomial f with a degree = 2 such that f' is constant
	11) There's some people 1 person that you can't fool all the time.
	12) Sometimes when I have to choose between two evils, I choose the one I have tried
4.	1) ~ ((~P) ~ (~Q)), ~ Q are true
	· IP we know ~ ((~P) A(Q)) are true, then ((~P) A (~Q))
	must be false Because we know ~ Q is true, then for ((~P) 1 (~Q))
	to be false, then (NP) must be false, meaning P is true.
	2) ~R, P > R, P V Q are true.
	. Since we know ~ R is true, then R is false. For P => R to
	be true ( which can be rewritten as (~P) VR) then ~P must be true, thus P is false. If P is false and P VQ is true,
	the Q must be true.
	Then U