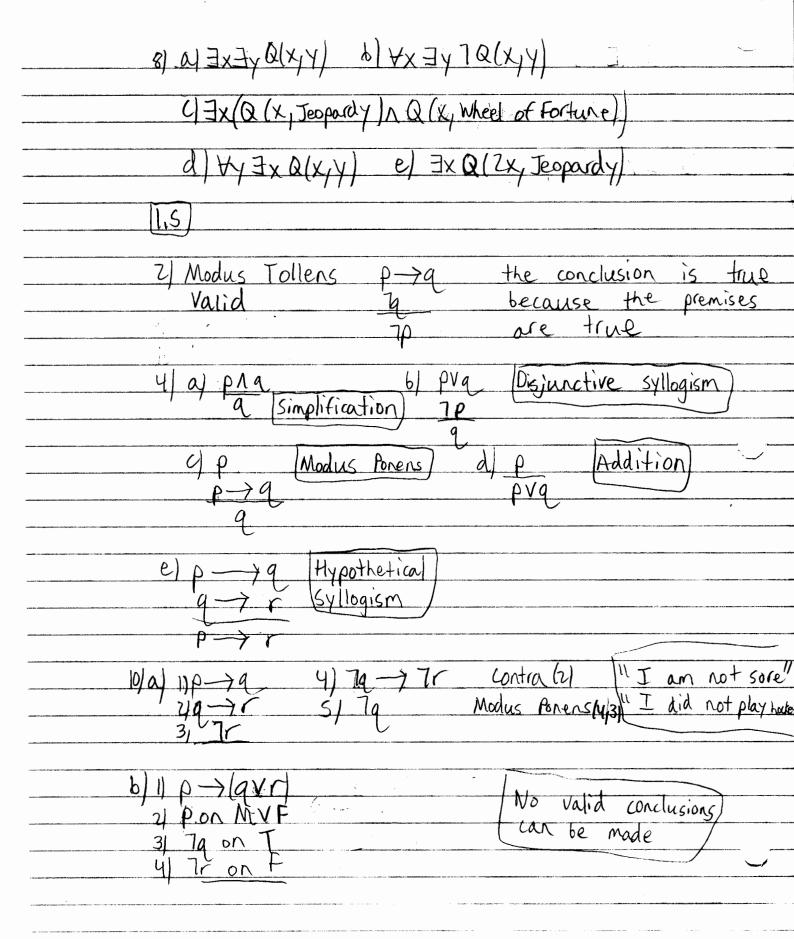
Asnz 1.4:2,418 Sem 11 A-1105
1.5:2,4,10 1.6:2,4,10,18,20 andbral6 Brandon Anderson
1.4
2/a) There exists an x for all real numbers of y where the product of x and y equals y.
b) For all real numbers of X and y, it X is greater than or equal to zero and y is less than or equal to zero then X minus y is greater than zero.
x minus y is greater than Zero.
exists a z where x equals the sum
4) a) There is some student in your class who has taken a computer science course at your school
b) There is some student in your class who has taken every computer science course at your school
c) Every student in your class has taken atteast computer science course at your school.
d there is a computer science course at your school that has been taken by every student in your class.
e/ Every computer science course at your school has been taken by atleast 1 student in your class.
t Every student in your class has taken every computer science course at your school.



41=19-7p contra(1)	
	sìx
1) D=P 6) S=7p Modus Tollend3,4) legs" 3) S=7q Modus Tollend3,4) legs" "Spiders are	
3) S=7a " L'Spideis are	rot
insects"	
dhip y q 4) 79 -> 70 contrall ("Homes is not	-
21H= 7g S/H=7p Modus Tollens 12,4/ a student	<u>'/</u>
31 M=4	·
e/1/P >9 6/79 > 7pontacy/11 you only eat unhealthy	
3/ You = 70 7/ You = To modus tood" 3/ You = 70 Tailens(3,6) It Total doesn't taste as	1//
)0a'
4) you = 77	
<u> 5/C-1P</u>	
HIPVA 4/9 Disjunctive syllogism 1/2/ "I an halluci	ratival
779 SI Modus Ponens (3,4 "I see elepha	
319 -> [running down	
road.11	
(1.6)	
2/ n(even) + neven) -> n(even)	
2x + 2x	
<u> </u>	
2(2X)	
Therefore, the sun of two even integers is ever	Λ
4) n/even) -> + n (even)	
4) n(even) -> + n (even) 2x -2x	
$\frac{2x}{-2x}$	
2(-X) 2X	
	ot
an even number is even.	

