Classian Math 13 COO But I like intustion istic/constructive moth mon Classical Math discusses Touth F 9 Menns Q 13 + CV1 F 4 V 7 4 either 4 15 true or 79 13 true Constructive Math 213 (USSES Proof HY MEANS I CAN prove 4 FUVTE BNOT GENERALLY Frue

It is not the case that for all of, we have a poort of a proof of 79 Del Gödel's Incomplèteness Than Constructive Math 13 Sound but not Complete H9 >> H9 F 4 - X - 4 It is complete with respect to a different semantics using Kripler structures We will not go into this in further defail

Constructive Math "includes" classical math F. 9 => F. 9 + (4 => +; 77 (- "But how could UVTY NOT be frue????" - "Don't warry, its not not true" Prop x Prop the right side only has I peop This is really the bod change that

ditterentrates Them

THY CHY T, 4 H The cest of the coles tottow the pattern of "introduction" forms and "elimination" forms. These forms will show up aggin and aggin, from usage in ATP, type in ference, and more Connective Introduction Elimination MHY MHYAY PAPAY

T + 4 1 4		[-4	['-']
TryV7	M+4V4	C+ qVT F,	
T, 4+4 M+4>4		C+434	
		N/A	
MA		T + J	

Note, we've omitted 7. It is much ensier, moving forward, to think of 79 95