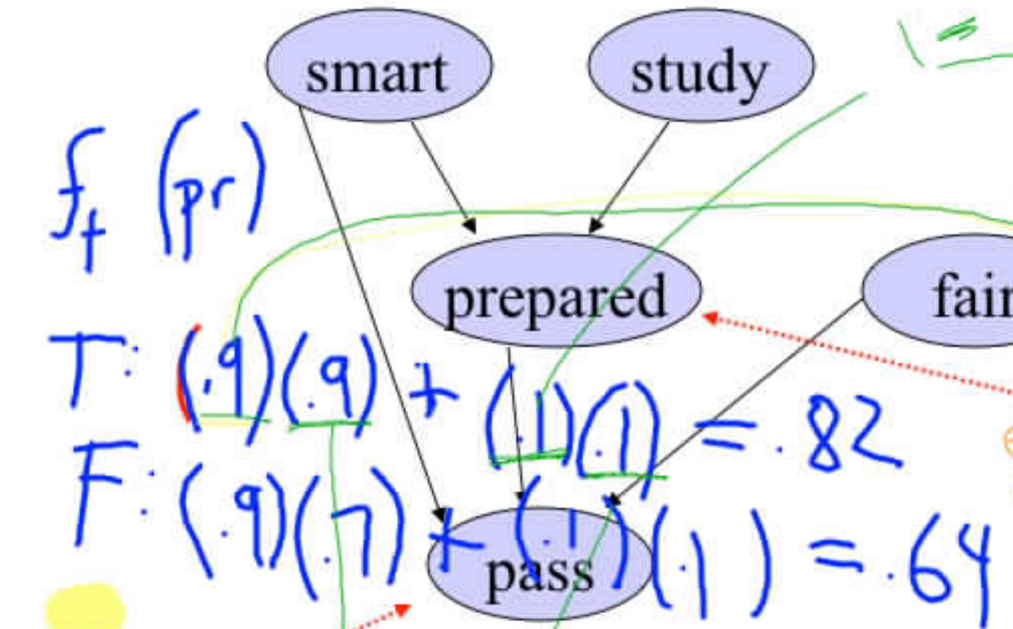
Exercise: Variable Elimination



p(prep|…)	smart	¬smart
study	.9	.7
¬study	.5	.1

p(pass|…)	smart		¬smart	
	prep	¬prep	prep	¬prep
fair	.9	.7	.7	.2
¬fair	.1	.1	.1	.1

Query: What is the probability that a student is smart, given that they pass the exam?