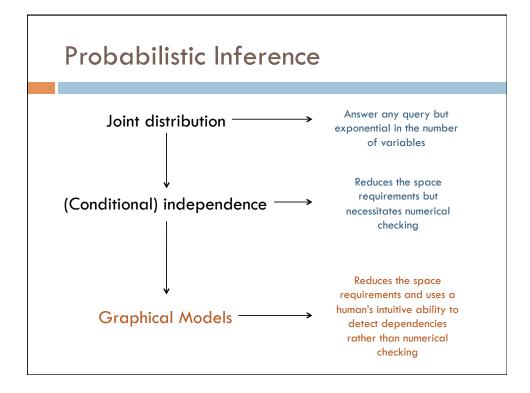


More Practice...

Cavity	Catch	ToothAche	Р
Т	Т	Т	0.16
Т	Т	F	0.08
Т	F	Т	0.01
Т	F	F	0.01
F	Т	Т	0.02
F	Т	F	0.16
F	F	Т	0.06
F	F	F	0.5

Queries: p(Catch | Toothache = false) p(Toothache | Cavity = true) p(Cavity, Catch) p(Cavity | Toothache = false, Catch = true)





- A Bayesian Network is a directed acyclic graph that represents the conditional independencies of a set of random variables
 - Each random variable corresponds to a node
 - A directed edge represents a direct influence
 - The conditional distribution of each node given its parents must be explicitly specified

