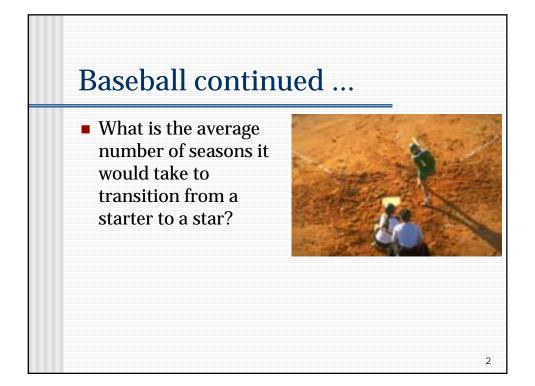
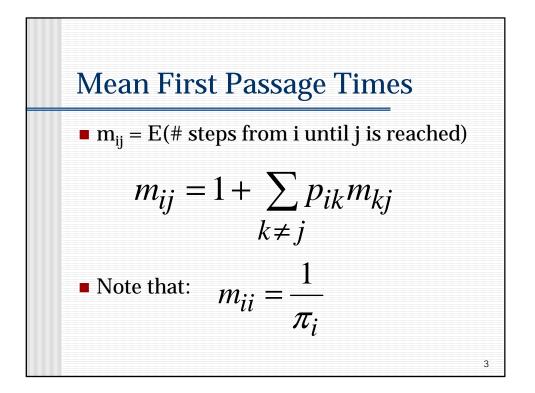
Example: Baseball

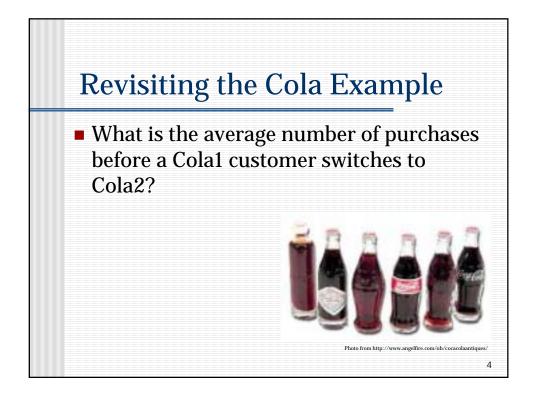


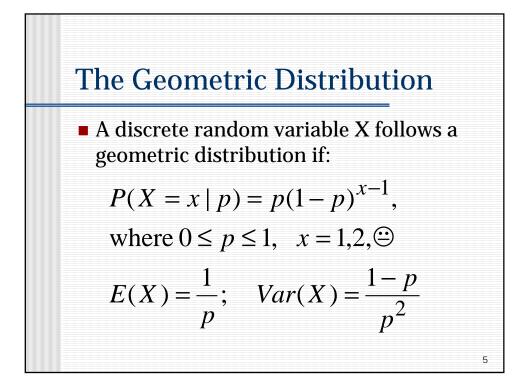
A member of the Little League baseball team can be a substitute, a starter or a star. Find the steady state distribution for the transition matrix given below.

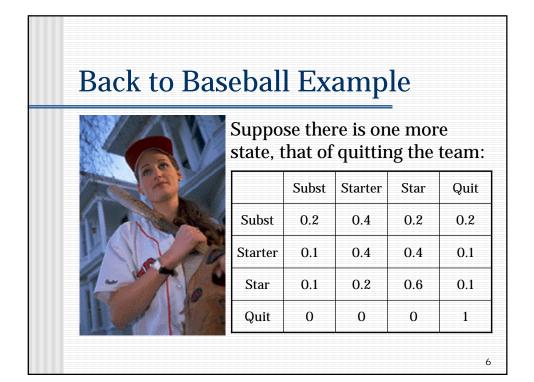
	Subst	Starter	Star
Subst	0.2	0.5	0.3
Starter	0.1	0.5	0.4
Star	0.1	0.3	0.6

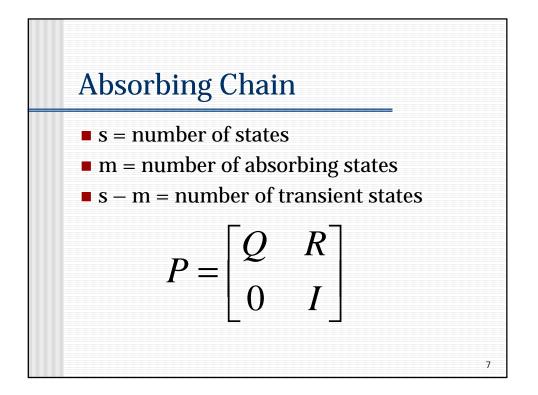


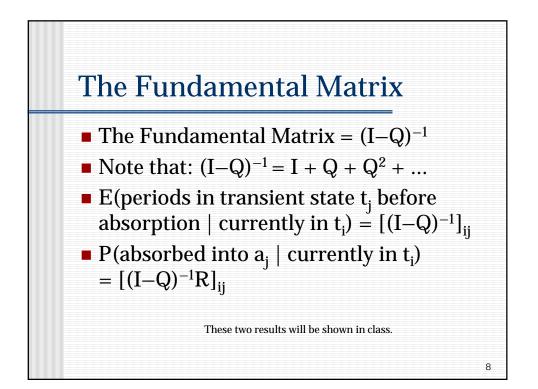


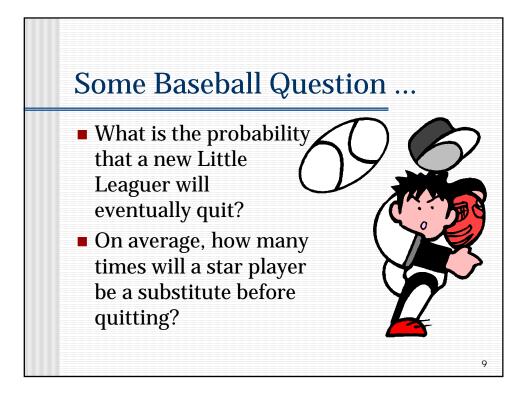


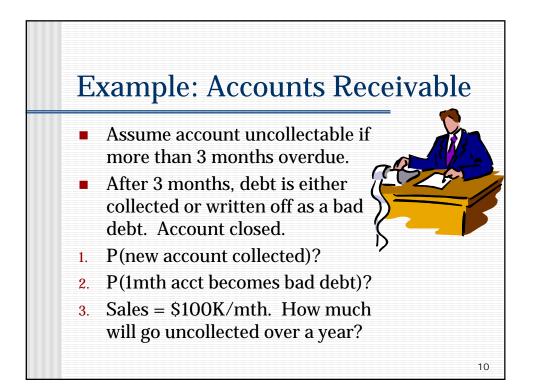




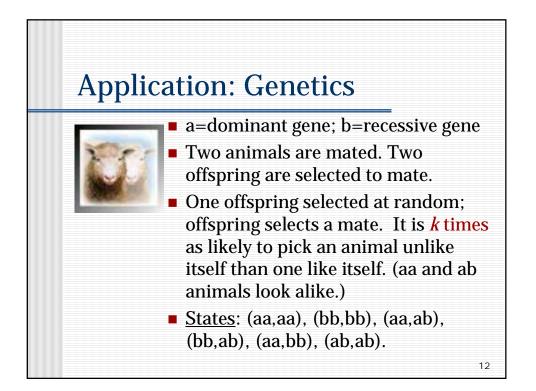




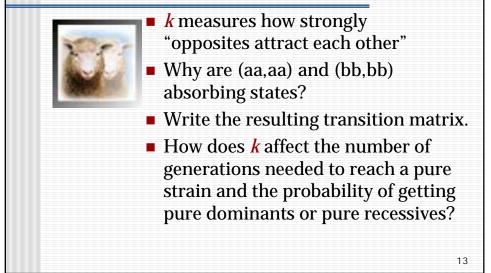


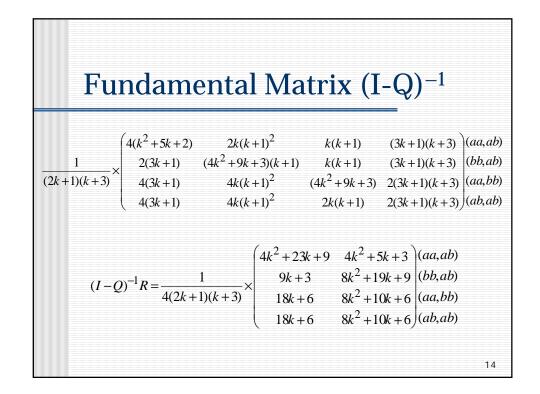


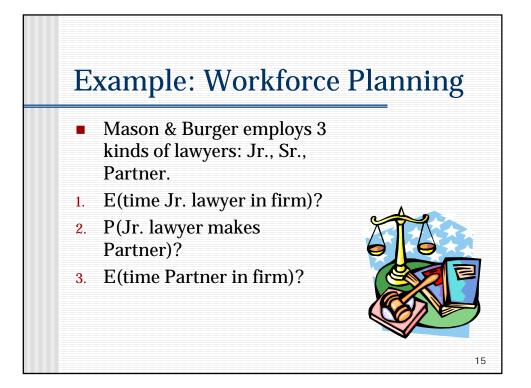
Acco	ounts Receivable: Matrix						
	new	1mth	2mth	3mth	paid	baddeb	
new	(0.60			0.40		
1mth			0.50		0.50		
2mth				0.40	0.60		
3mth					0.70	0.30	
paid					1		
baddebt						1	

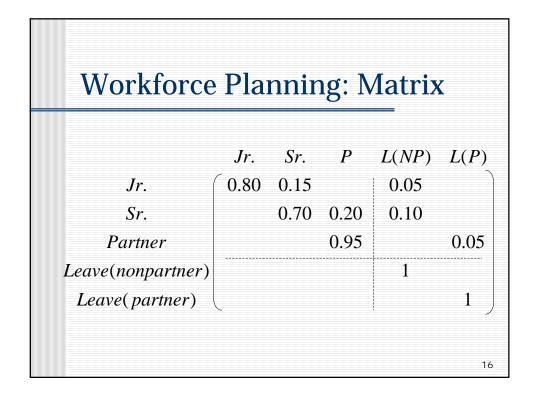


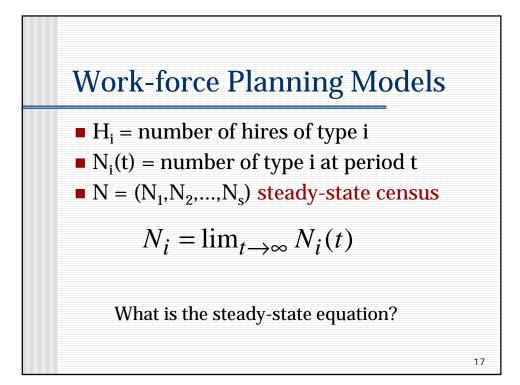


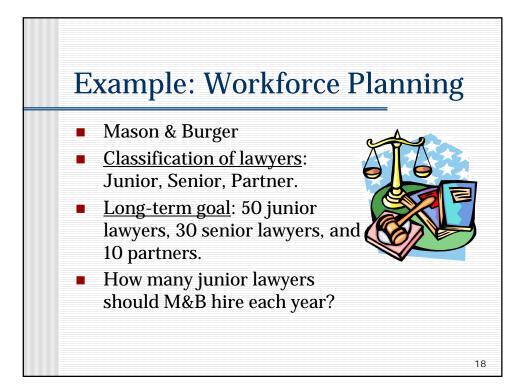




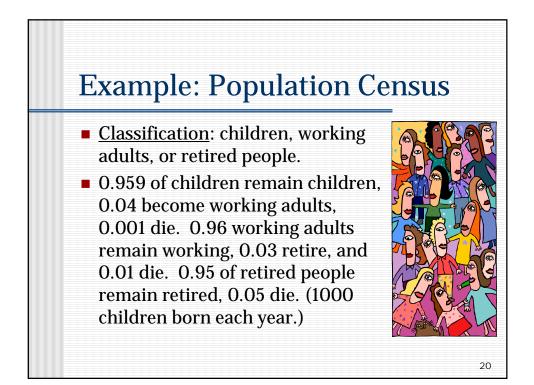








	orkforce Planning: Matrix					
	1		Р	L(NP)	L(P)	
Jr.	0.80	0.15		0.05		
Sr.		0.70	0.20	0.10		
Р			0.95		0.05	
L(NP)				1		
L(P)	<				1	





- Determine the steady-state census.
- Pension for each retired person is \$5000 per year. This is funded by payments from working adults. How much money must each working adult contribute annually?

