















































Key Co	oncepts				
Concept	Definition	M&Ms	Equity	Deriv- atives	Insur- ance
Supply and Demand		Determines price of single M&M	Determines price of single stock	Locally irrelevant; acts through hedging	Determines price of single policy
Efficient Markets	Prices fully reflect all information; impossible to profit by trading	Mainstay assumption about prices	Mainstay assumption about prices	Assumes price transp- arency	Mainstay assumption about prices
No Arbitrage or Law of One Price	Existence of arbitrages means prices not equilibrium if exists single rational agent. Comparables.	Says nothing a one atom of ri another	about prices of sk relative to	Consistency requirement on prices	Insurance policies all unique M&Ms
Comparables or Replication	Comparables must have same price by no arbitrage. Determines price of comparables!	Determines	N/A – all stocks are different	Determines derivative prices as the hedging cost to set up a riskless hedge portfolic; price enforced by no arbitrage 25	
Hedging, risk- neutral valuation	Mechanistic, self-financing trading strategy realizing comparables and reducing risk	prices of packages	Statistical vs. probabilistic hedging		different

More Key Concepts					
Paradigm	Capital Markets	Insurance Markets			
Risk and Return	Systematic risk	Price non- systematic risk			
Diversification	CAPM, APT, CIR, Partial & General Equilibrium Models	Risk Bearing through pooling			
Hedging	Options pricing, Comparables, No- arbitrage	Traditionally impossible, Reinsurance!			
Comparables, Replication	Long/short positions, liquid, transparent markets, standardization	Insurable interest, unique products			









































































































