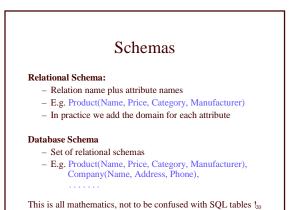
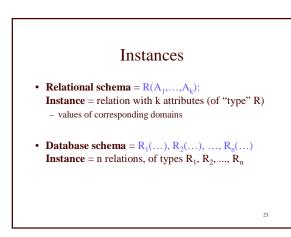
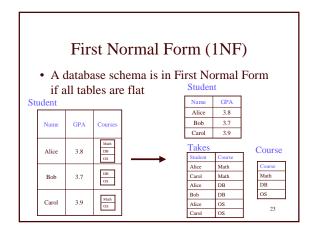


Table name or relati		ninology <u>Attrik</u>	<u>pute</u> names
Name	Price	Category	Manufacturer
gizmo Power gizmo SingleTouch	\$149.99	gadgets gadgets photography	GizmoWorks GizmoWorks Canon
MultiTouch	\$203.99	household	Hitachi
<u>Tuples</u> or <u>rows</u> or <u>re</u>	cords		19





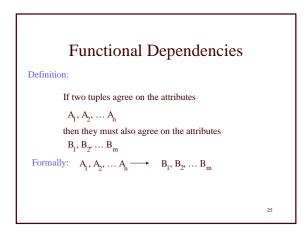
elational schema stance:		ample ame, Price, Categ	ory, Manufacturer)
Name	Price	Category	Manufacturer
gizmo	\$19.99	gadgets	GizmoWorks
Power gizmo	\$29.99	gadgets	GizmoWorks
SingleTouch	\$149.99	photography	Canon
MultiTouch	\$203.99	household	Hitachi



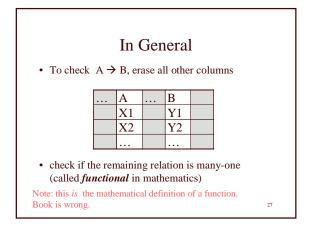
Functional Dependencies

- A form of constraint – hence, part of the schema
- Finding them is part of the database design
- Also used in normalizing the relations

24



	Exar	nples		
EmpID	Name	Phone	Position	
E0045	Smith	1234	Clerk	
E1847	John	9876	Salesrep	
E1111	Smith	9876	Salesrep	
E9999	Mary	1234	Lawyer	
 $pID \longrightarrow$	· · ·	Phone, P	osition	



EmpID	Name	Phone	Position]
E0045	Smith	1234 -	Clerk	
E1847	John	9876 ←	Salesrep	
E1111	Smith	9876 ←	Salesrep	
E9999	Mary	1234 +	Lawyer	

