FEMALE_ EMPS	FNAME	MINIT	LNAME	SSN	BDATE	ADDRESS	SEX	SALARY	SUPERSSN	DNO
EIVII O	Alicia	J	Zelaya	999887777	1968-07-19	3321 Castle, Spring, TX	F	25000	987654321	4
	Jennifer	S	Wallace	987654321	1941-06-20	291 Berry,Bellaire,TX	F	43000	888665555	4
	Joyce	А	English	453453453	1972-07-31	5631 Rice, Houston, TX	F	25000	333445555	5

EMPNAMES	FNAME	LNAME	SSN
	Alicia	Zelaya	999887777
	Jennifer	Wallace	987654321
	Joyce	English	453453453

EMP DEPENDENTS	FNAME	LNAME	SSN	ESSN	DEPENDENT_NAME	SEX	BDATE	
	Alicia	Zelaya	999887777	333445555	Alice	F	1986-04-05	
	Alicia	Zelaya	999887777	333445555	Theodore	M	1983-10-25	000
	Alicia	Zelaya	999887777	333445555	Joy	F	1958-05-03	000
	Alicia.	Zelaya	999887777	987654321	- Abner -	М	1942-02-28	
	Alicia	Zelaya	999887777	123456789	Michael	М	1988-01-04	0 0 0
	Alicia	Zelaya	999887777	123456789	Alice	Į F	1988-12-30	0 0 0
	Alicia	Zelaya	999887777	123456789	Elizabeth	F	1967-05-05	0 0 0
	Jennifer	Wallace	987654321	333445555	Alice	F	1986-04-05	
- T	Jennifer	Wallace	987654321	333445555	Theodore	M	1983-10-25	000
	Jennifer	Wallace	987654321	333445555	Joy	F	1958-05-03	
	Jennifer	Wallace	987654321	987654321	Abner	M	1942-02-28	
	Jennifer	Wallace	987654321	123456789	Michael	M	1988-01-04	
	Jennifer	Wallace	987654321	123456789	Alice	F	1988-12-30	0 0 0
	Jennifer	Wallace	987654321	"123456789	. * Elizabeth	F	1967-05-05	0.00
	Joyce	English	453453453	333445555	Alice	F	1986-04-05	0 0 0
	Jovce	English	453453453	333445555	Theodore	M	1983-10-25	
	Joyce	English	453453453	333445555	Joy	F-	1958-05-03	
	Joyce	English	453453453	987654321	Abner	M	1942-02-28	
	Joyce	English	453453453	123456789	Michael	M	1988-01-04	
	Joyce	English	453453453	123456789	Alice	F	1988-12-30	
	Joyce	English	453453453	123456789	Elizabeth	F	1967-05-05	

ACTUAL_DEPENDENTS	FNAME	LNAME	SSN	ESSN.	DEPENDENT_NAME	SEX	BDATE	0 0 0
	Jennifer	Wallace	987654321	987654321	Abner	M	1942-02-28	0'0 0

RESULT	FNAME	LNAME	DEPENDENT_NAME
	Jennifer	Wallace	Abner .
THE PARTY OF THE P			The state of the s

EGURE 6.5 The CARTESIAN PRODUCT (CROSS PRODUCT) operation.

STUDENT	FN	LN
	Susan:	Yao
	Ramesh	Shah
9 P	Johnny	Kohler
	Barbara	Jones
	Amy .	Ford
= 0	Jimmy	Wang
15 61	Emest	Gilbert

INSTRUCTOR	FNAME	LNAME
1 .	John.	Smith
	Ricardo	Browne
	Susan	Yao
	Francis	Johnson
	Ramesh	Shah

FN FN	LN
Susan	Yao
Ramesh	Shah
Johnny	Kohler
Barbara	Jones
e Amy	Ford
Jimmy	Wang
Emest	Gilbert
John .	Smith
Ricardo	Browne
Francis	Johnson

(c)	FN	LN
	Susan	Yao
	Ramesh	Snan

FN	LN .
Johnny	Kohler
Barbara	Jones .
Amy	Ford
Jijmmy	Wang
Emest	Gilbert

e)	FNAME	LNAME
	John	Smith
e e	Ricardo	Browne
	Francis	Johnson

FIGURE 6.4 The set operations UNION, INTERSECTION, and MINUS. (a) Two union-compatible relations. (b) STUDENT, U INSTRUCTOR. (c) STUDENT \(\Omega\) INSTRUCTOR. (d) STUDENT \(-\) INSTRUCTOR (e) INSTRUCTOR — STUDENT.