

What can be done to make this database design better?

<i>Address</i>	<i>Name</i>	<i>Children</i>
10 Green	Bob	Caleb
10 Green	Bob	Rose
14 Purple	Alice	Gavin
14 Purple	Alice	Sophia

What kinds of dependencies can you observe among the attributes in this relation?

<i>a</i>	<i>b</i>	<i>c</i>	<i>d</i>	<i>e</i>
1	1	1	1	1
2	1	2	2	1
3	2	1	1	1
4	2	2	2	1
5	3	3	1	1

Given the relation: $R(abcdef), S = \{ab \rightarrow c, bc \rightarrow ad, d \rightarrow e, cf \rightarrow b\}$.

Does $ac \rightarrow d$ follow from S ?

$R(abcd), S = \{a \rightarrow b, d \rightarrow c, c \rightarrow a\}$

Find the keys and superkeys: