Name 1:

Date:

Name 2:

Let relation R = (A, B, C, D) with the following FDs:

 $A \rightarrow BC$

BC->A

B->D

1. Is A a candidate key of the relation?

Compte 4A3+

1 A) = 1 A, B, C, D) contains all 2 > A is a candidate ken

2. Find one candidate key of this relation

The best alg. to find the keys of a relation îs:

compute closure of every combination of attributer. We already know Aira a Key, so try all other combinations:

B C D B C	BCDA & Sperkey,
B C D	BABCIS Minimal BD CD SD
_ c _ D	B C and A