



- (1) Find 3 minimal galleries from  $C$  to  $D$  and their types;
- (2) Find all walls that separate  $C$  and  $D$ ;
- (3) Find (a) the relation between the length of minimal gallery from  $C$  to  $D$  and the cardinality of (the set of walls that separate  $C$  and  $D$ )
  - (b) How many times does each minimal gallery from  $C$  to  $D$  crosses each wall in  $W(C, D)$ ?  
Crosses each wall not in  $W(C, D)$ ?
  - (c) Formulate general statements generalizing (a), (b) above.
- (4) Find two non-minimal galleries from  $C$  to  $D$  and their types; ~~and~~ verify the deletion condition. ~~and~~