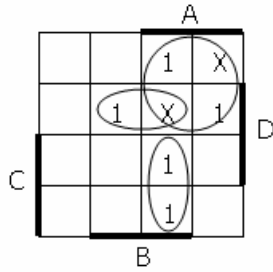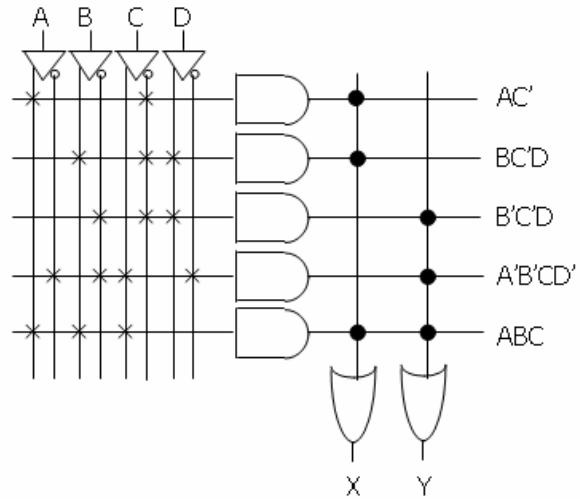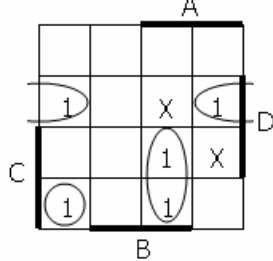# CSE370 Quiz 3 (3 November)   Name _____

Implement the functions X and Y as specified in the K-maps in the PAL provided below.
Note that the PAL <u>requires</u> that the two functions share one product term.

<u>X:</u>

<u>Y:</u>

Implement the functions again using the 8:1 multiplexers provided below. Make sure
that the don't cares are used in the same way as above. Use D, D', 0, or 1 on the inputs.