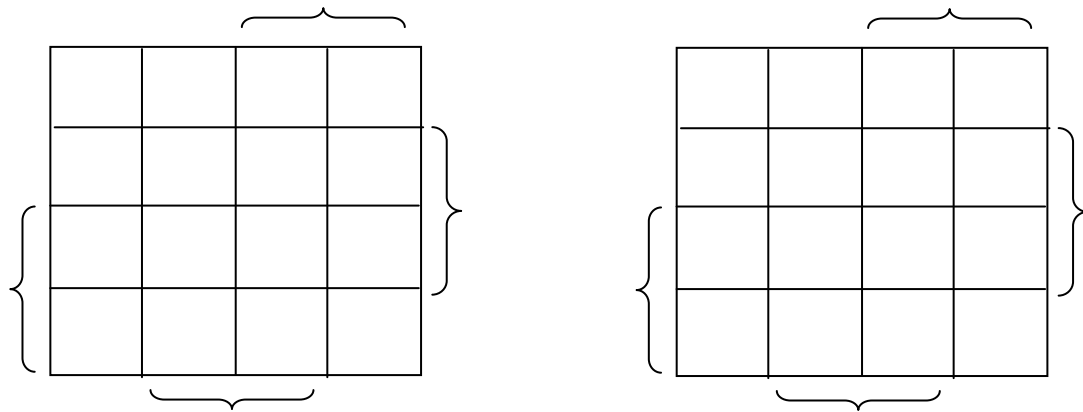


KING FAHD UNIVERSITY OF PETROLEUM & MINERALS
Department of Electrical Engineering
EE200 Digital Logic Circuit Design

1 December 2010	Quiz #4	Section: 03
Student's Name :		I.D.# :

1. Simplify the following Boolean function F together with the don't care conditions d, (a) in SOP form, and (b) in POS form.

$$F(w,x,y,z) = \sum(2,6,9,12) \text{ and } d(w,x,y,z) = \sum(4,7,13,14)$$



Do not write below this line