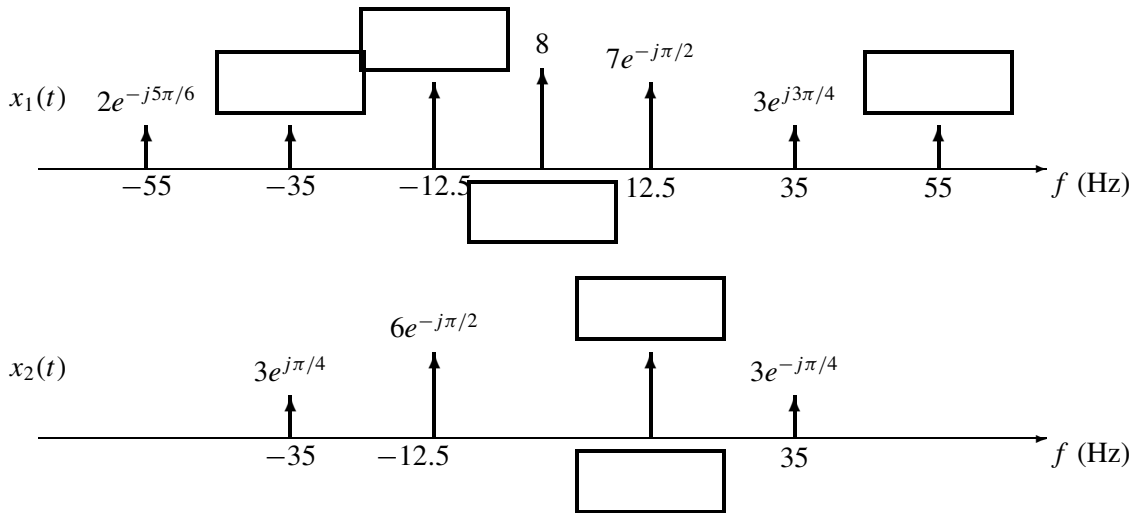


## PROBLEM:

- (a) The incomplete spectra for two *real* signals  $x_1(t)$  and  $x_2(t)$  are shown in the following figures. Fill in the empty boxes for the missing components.



- (b) Write an equation for  $x_2(t)$  in terms of cosine functions.