

## Quiz2:

$x[n]=\{-1, 0, 1, 2\}$  and  $y[n]=\{-2, 2, 2, -2\}$  are two discrete time signals. Find their convolution  $c[n]=x[n]*y[n]$

- a) Draw the convolved signal  $c[n]$ .
- b) If  $c[n]$  is applied to a first order moving average filter (FIR), find and draw its output signal  $d[n]$ .

Hint:

