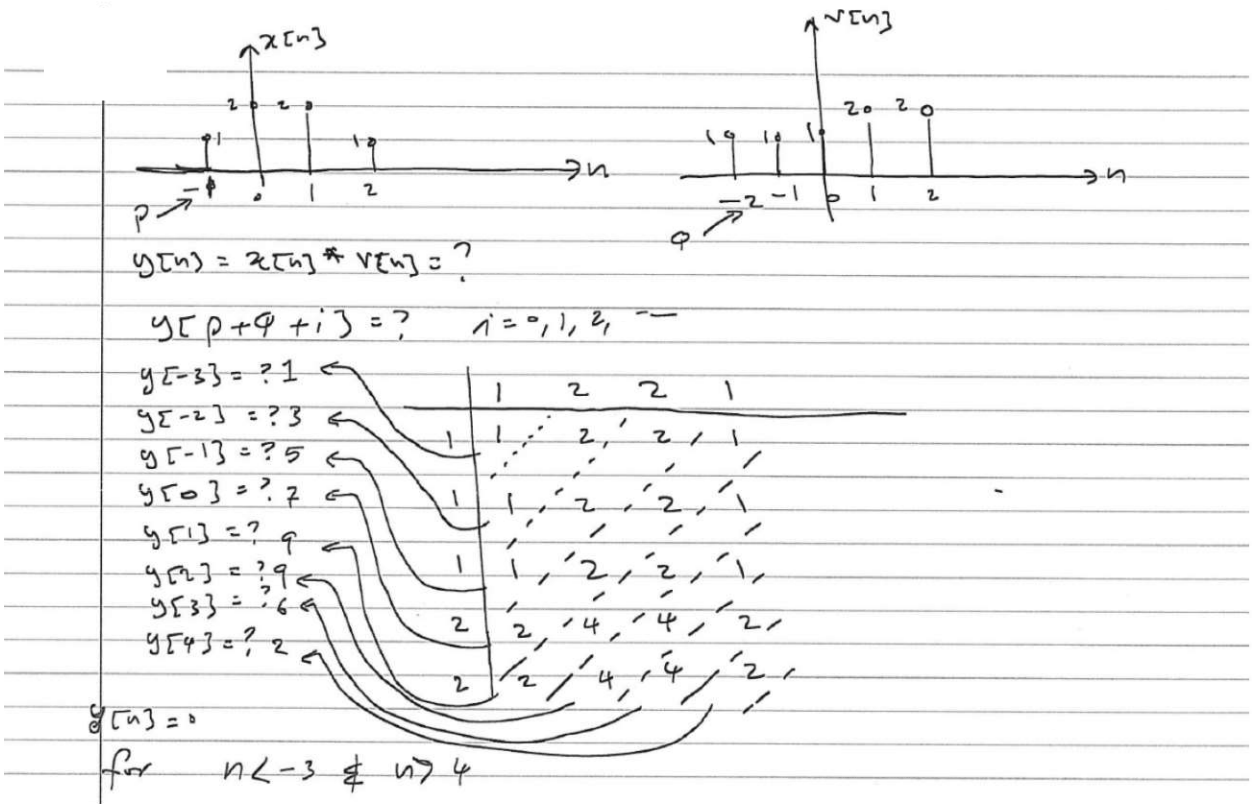
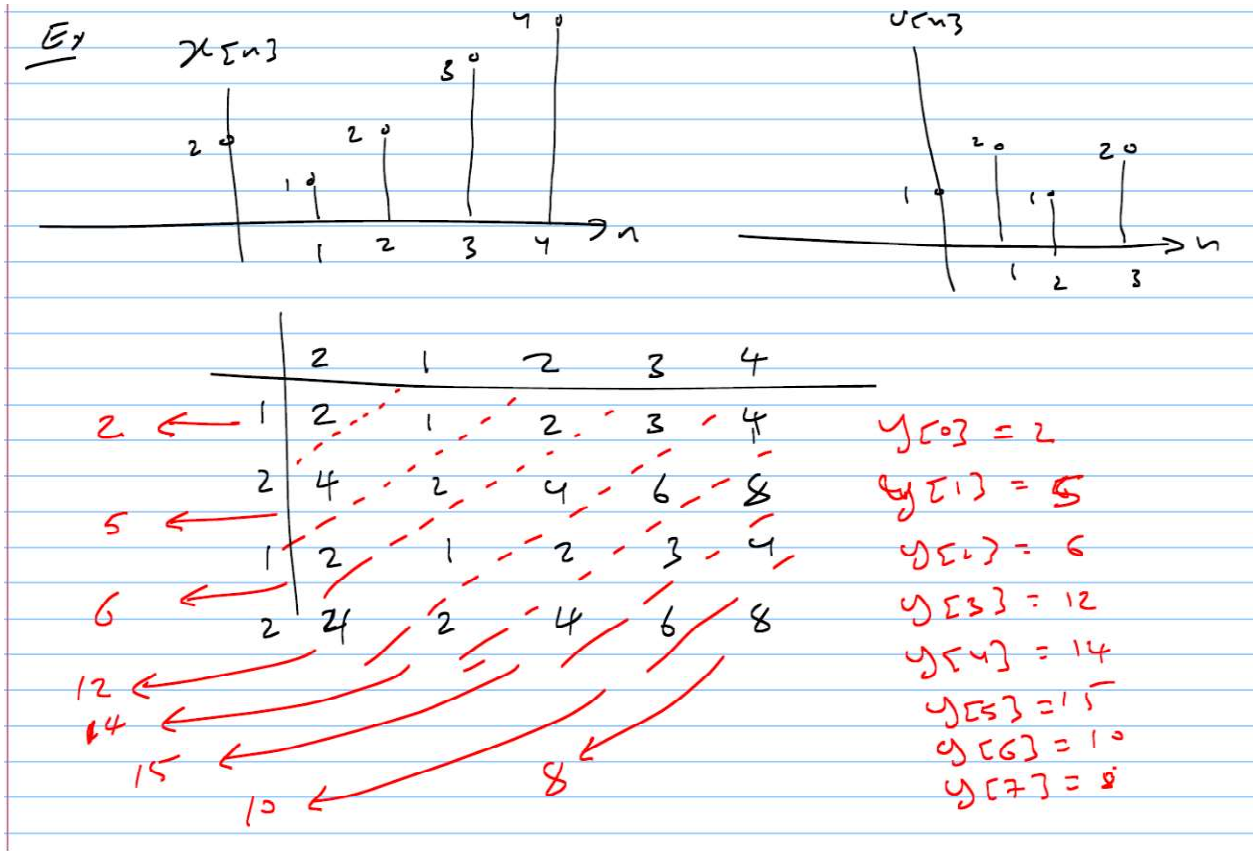
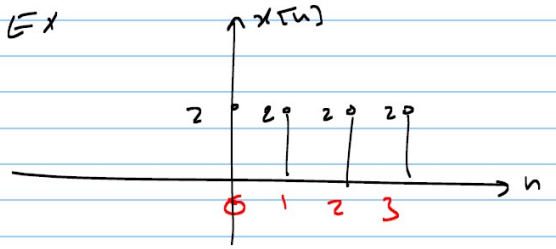
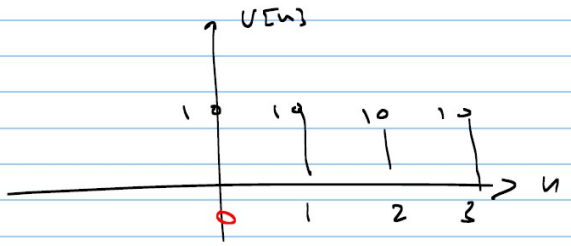
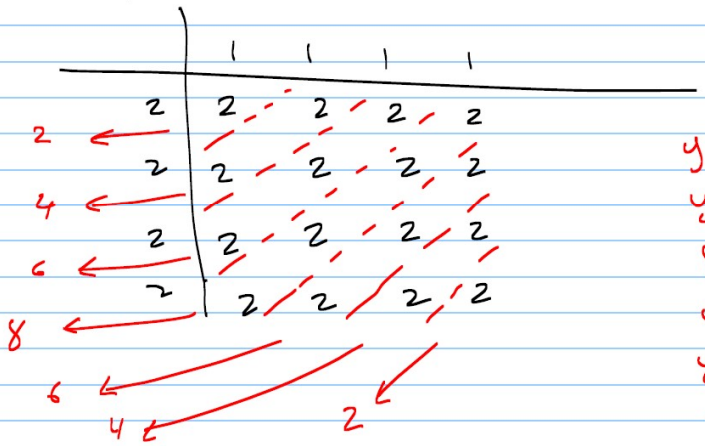

x[n]
v[n]
p
q
y[n] = x[n] * v[n] = ?
y[p+q+i] = ? i = 0, 1, 2, ...
y[-3] = ? 1
y[-2] = ? 3
y[-1] = ? 5
y[0] = ? 7
y[1] = ? 9
y[2] = ? 9
y[3] = ? 6
y[4] = ? 2
y[n] = 0
for n < -3 & n > 4


Ex
x[n]
v[n]
y[0] = 2
y[1] = 5
y[2] = 6
y[3] = 12
y[4] = 14
y[5] = 15
y[6] = 10
y[7] = 8

Ex







$y[0] = 2$

$y[1] = 4$

$y[2] = 6$

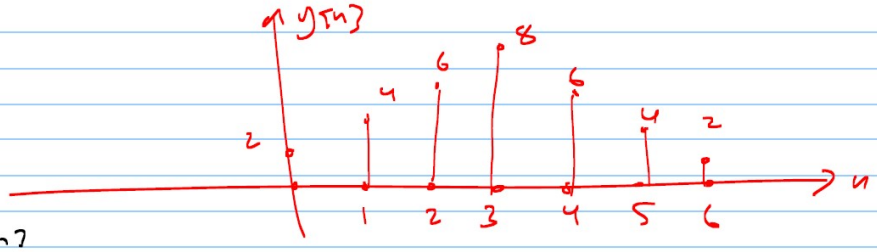
$y[3] = 8$

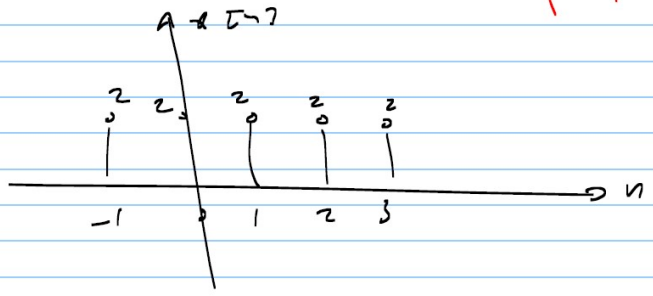
$y[4] = 6$

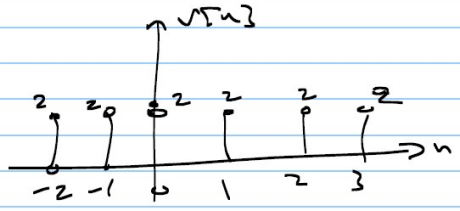
$y[5] = 4$

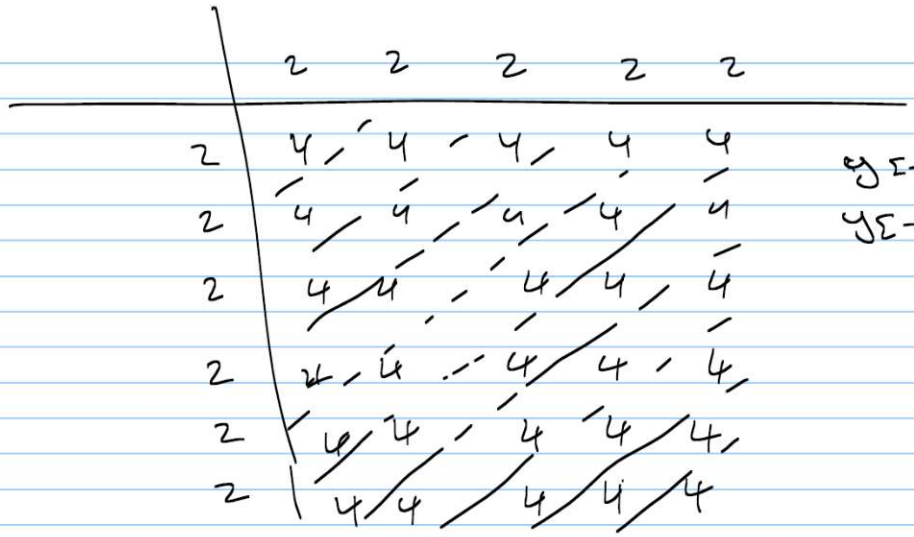
$y[6] = 2$

$y[n] = 0$ for $n < 0$ & $n > 6$



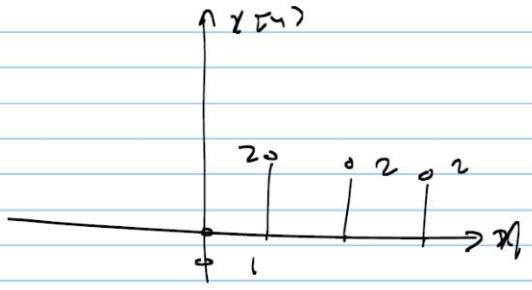


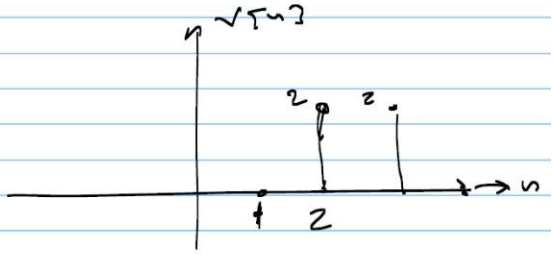


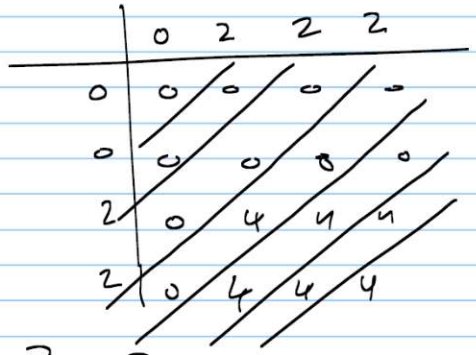


$y[-3] = 4$

$y[-2] = 8$







$y[0] = 0$

$y[1] = 0$

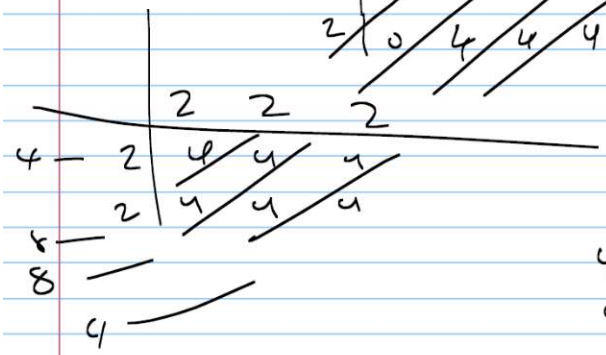
$y[2] = 0$

$y[3] = 4$

$y[4] = 8$

$y[5] = 8$

$y[6] = 4$



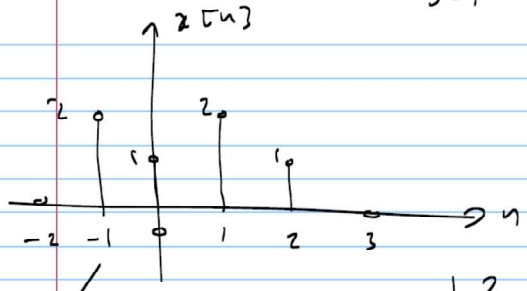
$y[2] = 4$

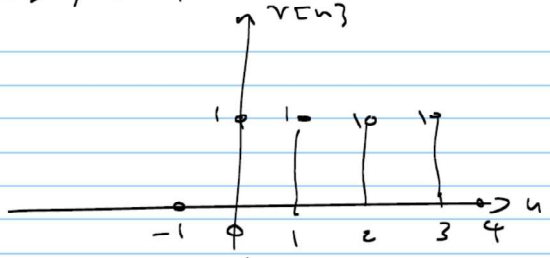
$y[4] = 8$

$y[5] = 8$

$y[6] = 4$

$y[p+q+i]$, $i = 0, 1, 2 - -$





$q = -1$

$q = 0$

		2	1	2	1
2	1	2	1	2	1
3	1	2	1	2	1
5	1	2	1	2	1
6	1	2	1	2	1
4					
3					

$y[-1] = 2$

$y[0] = 5$

$y[1] = 5$

$y[2] = 6$

$y[3] = 4$

$y[4] = 3$

$y[5] = 1$

and 0 otherwise