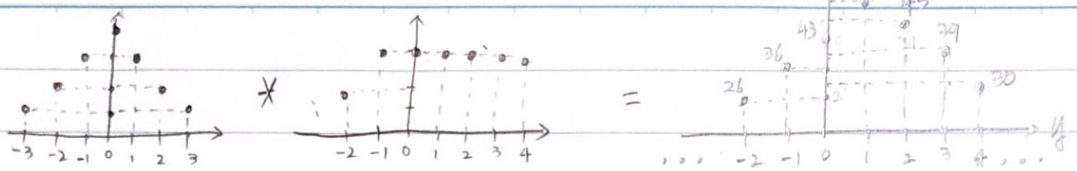

풀이) $y[-2] = h[-2] * x[-2] = \sum_{k=-\infty}^{\infty} x[k]\,h[-2-k]$

$= \underset{2}{x[-2]}\underset{4}{h[0]} + \underset{3}{x[-1]}\underset{3}{h[-1]} + \underset{3}{x[0]}\underset{2}{h[-2]} + \underset{3}{x[1]}\underset{1}{h[-3]} + \cdots$

$= 26$

$y[-1] = h[-1] * x[-1] = \sum_{k=-\infty}^{\infty} x[k]\,h[-1-k]$

$= \underset{2}{x[-2]}\underset{3}{h[1]} + \underset{3}{x[-1]}\underset{3}{h[0]} + \underset{3}{x[0]}\underset{3}{h[-1]} + \underset{3}{x[1]}\underset{2}{h[-2]} + \underset{3}{x[2]}\underset{1}{h[-3]} + \cdots$

$= 36$

$y[0] = \sum_{k=-\infty}^{\infty} x[k]\,h[-k] = \underset{2}{x[-2]}\underset{2}{h[2]} + \underset{3}{x[-1]}\underset{3}{h[1]} + \underset{3}{x[0]}\underset{4}{h[0]} + \underset{3}{x[1]}\underset{3}{h[-1]} + \underset{3}{x[2]}\underset{2}{h[-2]} + \underset{3}{x[3]}\underset{1}{h[-3]}$

$= 43$

$y[1] = \sum_{k=-\infty}^{\infty} x[k]\,h[1-k] = \underset{2}{x[-2]}\underset{1}{h[3]} + \underset{3}{x[-1]}\underset{2}{h[2]} + \underset{3}{x[0]}\underset{3}{h[1]} + \underset{3}{x[1]}\underset{4}{h[0]} + \underset{3}{x[2]}\underset{3}{h[-1]} + \underset{3}{x[3]}\underset{2}{h[-2]} + \underset{3}{x[4]}\underset{1}{h[-3]} = 41$

$y[2] = \sum_{k=-\infty}^{\infty} x[k]\,h[2-k] = x[-1]h[3] + x[0]h[2] + \cdots + x[4]h[-2]$

$= 45$

$y[3] = \sum_{k=-\infty}^{\infty} x[k]\,h[3-k] = x[0]h[3] + x[1]h[2] + \cdots + x[4]h[-1]$

$= 39$

$y[4] = \sum_{k=-\infty}^{\infty} x[k]\,h[4-k] = x[1]h[3] + \cdots x[4]h[0] = 30$

$\vdots$