$$g(6) = \frac{2}{2} \times (n-k)h(k) = \frac{2}{2} \times (-k)h(+k)$$

=
$$h(0)x(0)+h(1)x(-1)+h(2)x(-2)$$

$$y(1) = \sum_{k=0}^{\infty} \chi(1-k) h(k)$$

= $h(0)\chi(1) + h(1)\chi(0) + h(2)\chi(-1)$

$$y(n) = x(n) + f(n)$$

$$= Z \quad x(k) f(n-k)$$

$$= \sum_{k=0}^{\infty} x(k) / k = n = x(n)$$

$$\chi(h) \times \delta(h) = \chi(h)$$