Latihan Soal Convolusi 20. h (ni/n2) $\chi(n_1,n_2)$ x(K1, K2)h(n1-K1, n2-K2) K1 = -00 K2 = -00 1) Mencerminkan h (ni, n2) terhadap origin Sehingga Konvolusi sinyal: → -1 (102) 5 3 => -1(0)+2 = 2 L> (-103)(105)3 => -1(2)+5 = 3 1 ⇒ -3+1(0)= -3

$$-1(1.1)$$
 4 1 $\Rightarrow 1(1) + 1(2) = 3$
1 (1.2) 5 3

*
$$(-1.1)(1.4) 1 \Rightarrow -1+4+2+5=10$$

(1.2)(1.5) 3

*
$$1(-1.4)(1.1) \Rightarrow -4+1+5+3=5$$

2(1.5)(1.3)

$$\frac{7}{2}$$
 1 4 (-1.1) 1 \Rightarrow -1+3+0+0=2
2 5 (1.3) 1

1 (1.1) 4 1
$$\Rightarrow$$
 1

$$(1.1)(4.1)1 \implies 1+4=5$$
2 5 3

$$\frac{1}{2} g(n_1, n_2) = \frac{3}{2} \frac{10}{5} \frac{5}{2}$$