61: Show 11 1		
21: Show that	Zn	1. 7. 1/4 - NO
	720,4,83	150

I = {0,4,8} (00.000 . 1000 . 1000 We defined a mapping

$$\psi: Z_{12} \to Z_{4}$$
 $Z_{4} = \{0,1,2,3\}$
 $Z_{4} = \{0,1,2,3\}$

$$\psi(\bar{0}) = 0 = \psi(\bar{1}) = \psi(\bar{8})$$

$$Z_{4} = \{0,1,2,3\}$$

$$\psi(\bar{1}) = 1 = \psi(\bar{0}) = \psi(\bar{8})$$

$$\psi(\bar{1}) = 1 = \psi(\bar{5}) = \psi(\bar{q})$$

$$\psi(2) = 2 = \psi(6) = \psi(6)$$

$$\psi(\bar{3}) = 3 = \psi(\bar{7}) = \psi(\bar{1})$$

Now we show 4 is Ring Homo, Onto.

and ker
$$\Psi = I = \{0,4,8\}$$

$$\frac{\psi(a+b)}{12} = \psi(a) + \psi(b)$$

$$\Psi(a) + \Psi(b) = \Psi(1) + \Psi(2)$$