$$\chi = 0$$
,  $+ 0$ ,  $+ 0$ ,  $- - - 0$ 

$$\Omega_1 \cdot \Omega_2 \cdot \Omega_3 \cdot \Omega_4 \cdot - \Omega_k$$

$$\frac{3}{3}(0_{k}-3)-30_{k}-3$$

$$=9_{k}+(20_{k}-3)$$

$$>0_{k}$$

$$2(0k-6) = 20k-4$$

$$= 0k+0k-4$$

$$\geq 0k$$

$$\Rightarrow if$$

$$\Rightarrow 0k \geq 4, \text{ mate it } 2,3$$

Thus: 
$$X = 3.042.b$$
  
must be in this form

If 
$$\chi_{mod3} = 0 \Rightarrow \chi = 3 \cdot a$$

$$\Rightarrow p = 3^{\alpha}$$

If 
$$\chi \mod 3 = 1$$

$$\Rightarrow \chi = 3a + 1 \Rightarrow handle$$

$$= 3(a - 1) + 4 \text{ case}$$

$$\Rightarrow \chi = 3a + 2$$

$$\Rightarrow \chi = 3a + 2$$