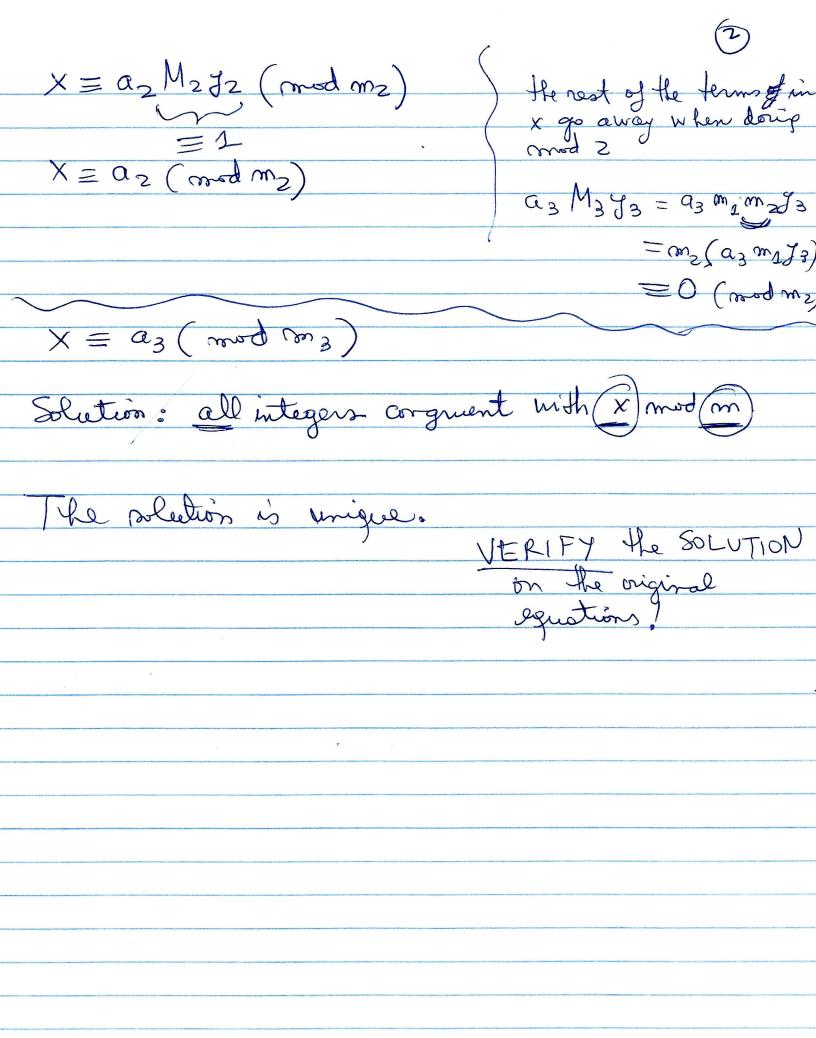
$X := a_1 M_1 J_1 + c_1 Z M_2 J_2 + a_3 M_3 J_3$ Therefore  $X \equiv a_1 M_1 J_1 \pmod{m_1}$   $X \equiv a_1 M_1 J_1 \pmod{m_1}$   $a_2 M_2 J_2 = a_2 m_1 m_3 J_2$   $X \equiv a_1 \pmod{m_1}$   $= c_1 m_1 (a_2 m_3 J_2)$   $\equiv 0 \pmod{m_1}$ 



If we had 2 solutions  $X \equiv a_1 \pmod{m_1}$ 5 = ar ( mog ws)
5 = ar ( mog ws) X = az (mod mz 2 = ak (mod mk) X = a'k (mod onk) O ( was wT) (way ws) 'O ( mod mk 0 (was wit wis...  $X \equiv Z \pmod{m}$