$\pi \equiv 2 \pmod{3}$. n = 4 (mod 5) n = s(mod 7) $a_{1}=3$ $a_{2}=4$ $a_{3}=5$ $a_{3}=5$ $a_{3}=5$ $a_{3}=5$ $a_{3}=5$ $a_{3}=5$ $a_{3}=5$ $a_{3}=5$ $a_{3}=5$ $a_{3}=5$ M=m1m2m3= 3x5x7=1050 No. 10 0 M1 = M2 = (21 - 2) = (21 - 200) $M_2 = M = \frac{105}{5} = 21$ M3 = M = 15 7 15 Solps 702 a, My, + 92 M2 y 2 + 93 M3 y 3 (Mod M) M141=1 (malm) | M242=11 (moding) 2/42=1 (mod 5) 35y,=1(mod 3) 1142=1 (mods) 11 2y = 1 (mod 3) 192=1] 4y,= 2 (mods) M393=1 (mod ms) . y1 = 2 (mod3) 154321 (mod7) (Mg = 1 (mod 7) 19122

Put in eg = 1 n=(2x25 x.2 +4 x21x1+5x15x1)(mod 10s) = 140+84 +75 (mod los) = 299 (nod los) n= sq mad 1057 . 5M D= 6 Also 2-89 + 105 K & also 30 K 5 = 20 V can chier up consciences = 500 cm/100 89 = 2(mod3) = 87/3 - = 29 89=4 mod 5 So divereber 289-4:17 ay M, y, + 92 M2 H2 + 95 modrifot (Procom Procom) (modal) = 1815 (2000) To culs (1000) 1 = 16g - (2)=11mods3 (Elow)1 =16