8 21 (8/5-13 **) a * b = ab + a + b, a, b E R/ 1) a)1. Closesure 1 wein +su a + 6 = a b + a + b (>) ab+a+b+1+0 (=) a (1+b) + (1+b) +0 (=) $(a+1)(1+1) \neq 0$ (=) $\{a+1 \}$ Tathing ax + 4 Do do phip * co this done 2-ASS) c = a (b c), tapcer Xét, (a * b) * c = (ab + a + b) c + (ab+a+b)+ = a bc + ac + bc + ab + ae +b+c * (p*c)=(bc+b+c)-a+(bc+b+c)+a = abc + ac + b + bc +a +b +c (2) Do (1)=(2)=> (a*b)*c =a*(b*c) => (RNF1) (*) (6 +576 fren let

With burn (R/ 5-1) * thoa 5 this ched > la ulom Alachen b) Grain 3* x = 15 (3×2)×2=19 (5) (32+3+2) ×2 = 15 (3x+3+x)x+3x+3+x+2=15(=) (322 + 32 + 22 + 3 + 2 + x = 15 (=) (4 2 + 8 2 - 12 = () => [2 = 8] (=) (4 2 + 8 2 - 12 = () => [2 = 8] 2 4 Tins: a) 83 leve thirde (3x2). (3x3) - telion when to b) Cij = A + B 37 7 1 0 7 1+3 1+2 2+3 7 4 3 5 6 0 1 1 = 4+6 4+5 5+6 = 10 9 11 8 9 1 1 0 1 7+9 7+8 8+9 16 15 17 1 1 0 1 1 2 3 1 1 + 4 2 + 5 3 + 6 5 7 9 0 1 1 4 5 6 = 4 + 7 5 + 8 6 + 9 = 11 13 15 1 0 1 7 8 9 1+7 2+8 3+9 8 10 12 MGP

2 6 A = \(\begin{array}{c} 1 & 0 & 0 & 1 & 0 \\ 0 & 0 & 1 & 0 & 0 & 1 \\ \end{array} \) B = \(\begin{array}{c} 1 & 0 & 0 & 1 & 0 \\ 0 & 0 & 0 & 1 & 0 & 0 & 1 \\ 0 & 0 & 0 & 1 & 1 & 0 & 1 \\ 0 & 0 & 0 & 0 & 1 & 1 \\ \end{array} \) \(\begin{array}{c} 2 & 2 & 2 & 2 & 2 & 2 & 2 \\ 0 & 0 & 0 & 1 & 1 & 0 & 1 & 2 \\ 0 & 1 & 0 & 0 & 0 & 1 & 1 \\ 0 & 1 & 0 & 0 & 0 & 1 & 1 \\ 0 & 1 & 0 & 0 & 0 & 1 & 1 \\ 0 & 1 & 0 & 0 & 0 & 1 & 1 \\ 0 & 1 & 0 & 0 & 0 & 1 & 1 \\ 0 & 0 & 0 & 0 & 1 & 1 \\ 0 & 0 & 0 & 0 & 1 & 1 \\ 0 & 0 & 0 & 1 & 1 \\ 0 & 0 & 0 & 0 & 1 & 1 \\ 0 & 0 & 0 & 0 & 1 & 1 \\ 0 & 0 & 0 & 0 & 1 & 1 \\ 0 & 0 & 0 & 0 & 1 & 1 \\ 0 & 0 & 0 & 0 & 1 & 1 \\ 0 & 0 & 0 & 0 & 1 & 1 \\ 0 & 0 & 0 & 0 & 1 & 1 \\ 0 & 0 & 0 & 0 & 1 & 1 \\ 0 & 0 & 0 & 0 & 1 & 1 \\ 0 & 0 & 0 & 0 & 1 & 1 \\ 0 & 0 & 0 & 0 & 1 & 1 \\ 0 & 0 & 0 & 0 & 1 & 1 \\ 0 & 0 & 0 & 1 & 1 \\ 0 & 0 & 0 & 0 & 1 & 1 \\ 0 & 0 & 0 & 0 & 1 & 1 \\ 0 & 0 & 0 & 0 & 1 & 1 \\ 0 & 0 & 0 & 0 & 1 & 1 \\ 0 & 0 & 0 & 0 & 1 & 1 \\ 0 & 0 & 0 & 0 & 1 & 1 \\ 0 & 0 & 0 & 0 & 1 & 1 \\ 0 & 0 & 0 & 0 & 1 & 1 \\ 0 & 0 & 0 & 0 & 1 & 1 \\ 0 & 0 & 0 & 0 & 1 & 1 \\ 0 & 0 & 0 & 0 & 1 & 1 \\ 0 & 0 & 0 & 0 & 1 & 1 \\ 0 & 0 & 0 & 0 & 1 \\ 0 & 0 & 0 & 0 & 1 & 1 \\ 0 & 0 & 0 & 0 & 1 & 1 \\ 0 & 0 & 0 & 0 & 1 \\ 0 & 0 Dat 2 = a 243 Voi a, b, c E R, 26=1-12=-1+25 20 Nghiêm Tông quás 9 (2) 1 x4 = 1 - C 2 x = C 2 x = 1 + C Think San chi co no duy what la G= C= C3 = C MGF

