26.03.24 (E/emt N_ Sems_312

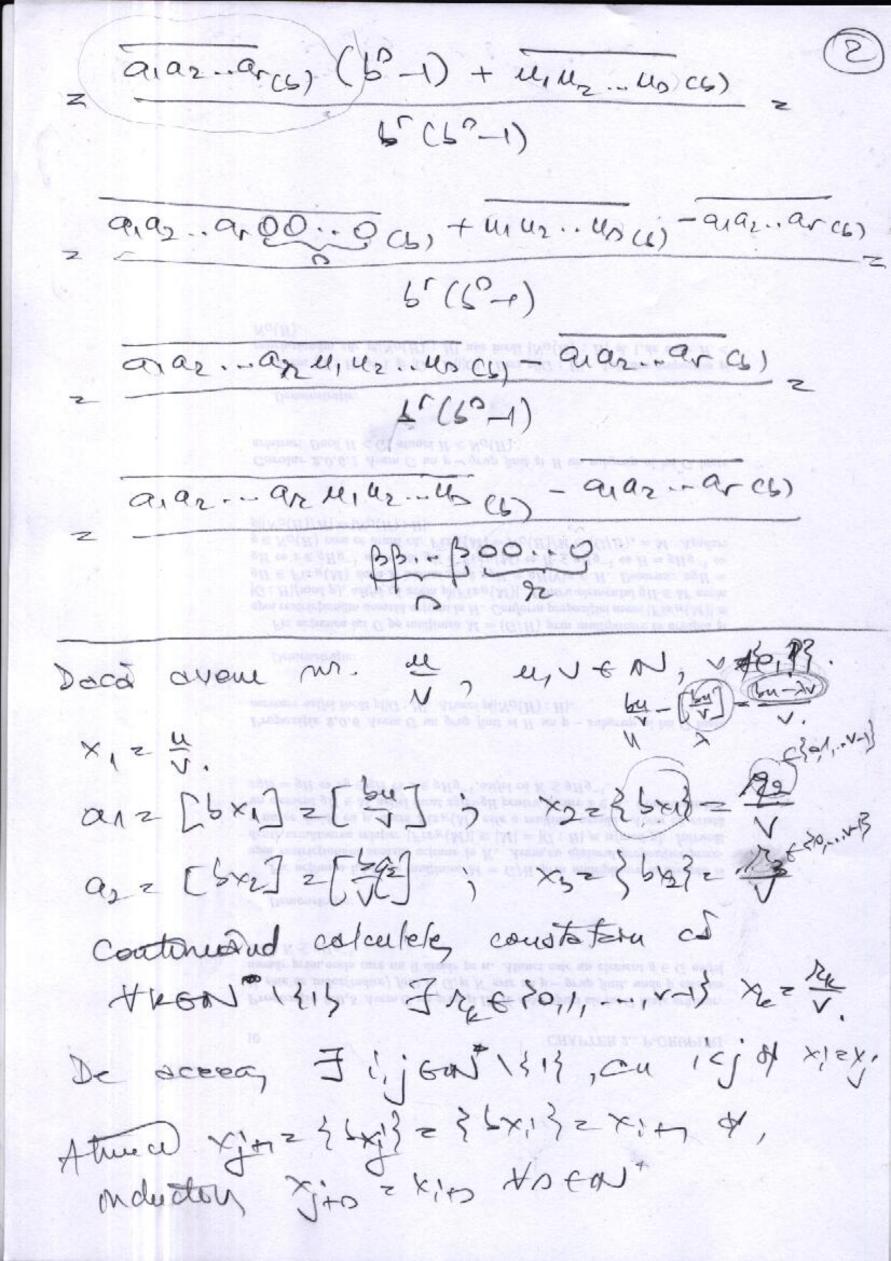
Care suit numerele corre admit representation to de portoblice m bosso b?

2 21 + az + ... + ar + un + un + us + brets +

2 a,6 2+ ars 2 + .. + ars 5+ar +

2 - (b) + u16 + u26 2. + us 1-15. lim 50. 1-15.

= a1a2-arcu) + m1 m2... 45 cs) 50-11 =



Cleur: l'édadige!)
Dece trusquitères lus 4 m borge Le Morala: Kkzi Retji An obtinest deal: [Ti) Un numat real et vre representare persedución su baya b dalaca #6 1 Care den numerele reale (de fajt, ratio note, of TI!!) dehuit representant ce fractive finista in baja 6? 1 = 01 a1 a2 - 92 (5) = quaz - arcs) curver es = v. quar.-ar u) m care so me to devida pe b. Dear ve me produs de factor primi de-ai lui b. Recorporat daca bezproper. pro atural, 1 = 1 1 max [[]n. . []n]

atura u = u >, 10/1-1/2. - Protor-Per, core se represtata ca tracte d'unta in baga L. la armare: 72) Un numar rational raduite Hyrre-Zentere fruit, in baga Laddaca 7=4 cu u,v +E, y+0, (u,v)=1, jar værte jmodus de factor ommi' de-ni lui s. OSEB Singuille numere reall (nemble!) care pur au mai mult du o repréfeutaire un bouja b muit cole · Care numere reale (de fajt, ratponate!)

Se scale ou fractive perrochea amplé m bajale

(ayv) 2) 1/20, (a, az -92) cs) = a, an. ar cs) -s 10(6-1) = v. q. az. . arcs) (4, v) > v 15-1 = s(v, b) Recympc, dacà (1,6)=1, of TTP

b=9,V+14 b=9,V+12 6 z g v + rry Dar MINTZINI, Non E 80, 1, ..., V-13,

deal 3 ij E 80, 1, ..., vn3 icj 1 ri=23. Pt acesto i.j (9:-2:) v= 1'-5'-> VIPI(1) (1)-1-1) (V, 1)=1 VI (1)-1 Deal, INEZ NW= 5-1, aduca Jusez 1 = wi, den Frede veril Frache baja . Am oftenul deci': simpli T31 Un numair real of se representa as freethe percedució simple in basa Laddece Ju, v ∈ Z (v + 0 1 (u, v) = 1 1 (v, b) = 1 1 x = 4) Screto hu baya 7 numeroly A 31, 5(4972) Sol: A31 = 10.122+3.12+1=1477

1477 2 934 76, 47 824 ... (6) 7 (0) + 7az+ 782+ 7 Cart Taz deal A31 = 1477 = 4210
(7) $8^{1} 5 \times 3 = 0.7(1445) = \frac{(15)}{(2445)} = \frac{15(15)^{-1}}{(2445)}$ BBBBB 5.12 + 4.12 + 9.12 + 7.12+3 12.64 + 1296 + 81 $= \frac{9}{27} \left(\frac{4096 + 48 + 3}{13.5.29} \right) = \frac{9}{2447} \left(\frac{4096 + 48 + 3}{13.5.29} \right) = \frac{9}{2447} \left(\frac{4096 + 48 + 3}{12.11.13.5.29} \right) = \frac{9}{2447} \left(\frac{4096 + 48 + 3}{12.11.13.5.29} \right) = \frac{9}{2447} \left(\frac{4096 + 48 + 3}{12.11.13.5.29} \right) = \frac{9}{2447} \left(\frac{4096 + 48 + 3}{12.11.13.5.29} \right) = \frac{9}{2447} \left(\frac{4096 + 48 + 3}{12.11.13.5.29} \right) = \frac{9}{2447} \left(\frac{4096 + 48 + 3}{12.11.13.5.29} \right) = \frac{9}{2447} \left(\frac{4096 + 48 + 3}{12.11.13.5.29} \right) = \frac{9}{2447} \left(\frac{4096 + 48 + 3}{12.11.13.5.29} \right) = \frac{9}{2447} \left(\frac{4096 + 48 + 3}{12.11.13.5.29} \right) = \frac{9}{2447} \left(\frac{4096 + 48 + 3}{12.11.13.5.29} \right) = \frac{9}{2447} \left(\frac{4096 + 48 + 3}{12.11.13.5.29} \right) = \frac{9}{2447} \left(\frac{4096 + 48 + 3}{12.11.13.5.29} \right) = \frac{9}{2447} \left(\frac{4096 + 48 + 3}{12.11.13.5.29} \right) = \frac{9}{2447} \left(\frac{4096 + 48 + 3}{12.11.13.5.29} \right) = \frac{9}{2447} \left(\frac{4096 + 48 + 3}{12.11.13.5.29} \right) = \frac{9}{2447} \left(\frac{4096 + 48 + 3}{12.11.13.5.29} \right) = \frac{9}{2447} \left(\frac{4096 + 48 + 3}{12.11.13.5.29} \right) = \frac{9}{247} \left(\frac{4096 + 48 + 3}{12.11.13.5.29} \right) = \frac{9}{247} \left(\frac{4096 + 48 + 3}{12.11.13.5.29} \right) = \frac{9}{247} \left(\frac{4096 + 48 + 3}{12.11.13.5.29} \right) = \frac{9}{247} \left(\frac{4096 + 48 + 3}{12.11.13.5.29} \right) = \frac{9}{247} \left(\frac{4096 + 48 + 3}{12.11.13.5.29} \right) = \frac{9}{247} \left(\frac{4096 + 48 + 3}{12.11.13.5.29} \right) = \frac{9}{247} \left(\frac{4096 + 48 + 3}{12.11.13.5.29} \right) = \frac{9}{247} \left(\frac{4096 + 48 + 3}{12.11.13.5.29} \right) = \frac{9}{247} \left(\frac{4096 + 48 + 3}{12.11.13.5.29} \right) = \frac{9}{247} \left(\frac{4096 + 48 + 3}{12.11.13.5.29} \right) = \frac{9}{247} \left(\frac{4096 + 48 + 3}{12.11.13.5.29} \right) = \frac{9}{247} \left(\frac{4096 + 48 + 3}{12.11.13.5.29} \right) = \frac{9}{247} \left(\frac{4096 + 48 + 3}{12.11.13.5.29} \right) = \frac{9}{247} \left(\frac{4096 + 48 + 3}{12.11.13.5.29} \right) = \frac{9}{247} \left(\frac{4096 + 48 + 3}{12.11.13.5.29} \right) = \frac{9}{247} \left(\frac{4096 + 48 + 3}{12.11.13.5.29} \right) = \frac{9}{247} \left(\frac{4096 + 48 + 3}{12.11.13.5.29} \right) = \frac{9}{247} \left(\frac{4096 + 48 + 3}{12.11.13.5.29} \right) = \frac{9}{247} \left(\frac{4096 + 48 + 3}{12.11.13.5.29} \right) = \frac{9}{247} \left(\frac{4096 + 48 + 3}{12.11.13.5.29} \right) = \frac{9}{247} \left(\frac{4096 + 48 + 3}{12.11.13.5.29} \right) = \frac{9}{247} \left(\frac{4096 + 48 + 3}{12.11.1$ [10x1]=2; 210x13=091 0,45), 7 = (3),5 J-10m) 29. 0, N . 7 = 1,05 anz[[4]; x2= { 5x1} = 2 [5x2] = 0,05.720,35 0,35.7 = 2,75 0,45. A 2 3, N Deer) 0,5(4972) = 9,45 = 0, (3 102) (7)