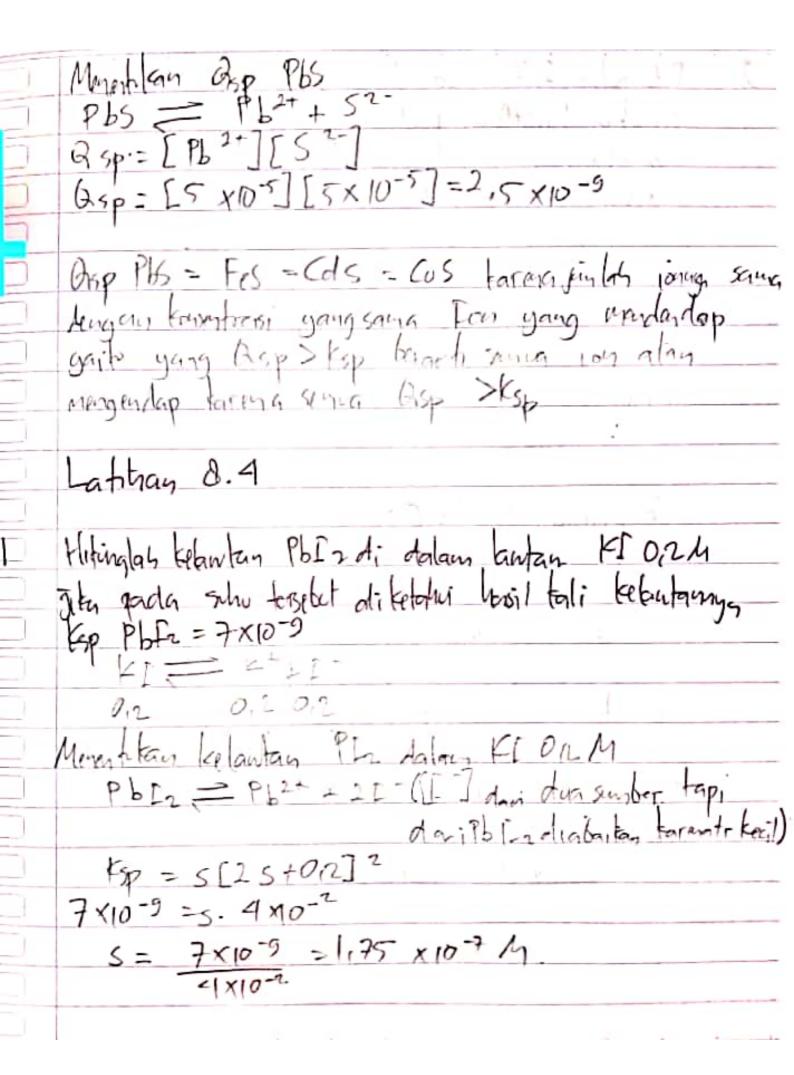
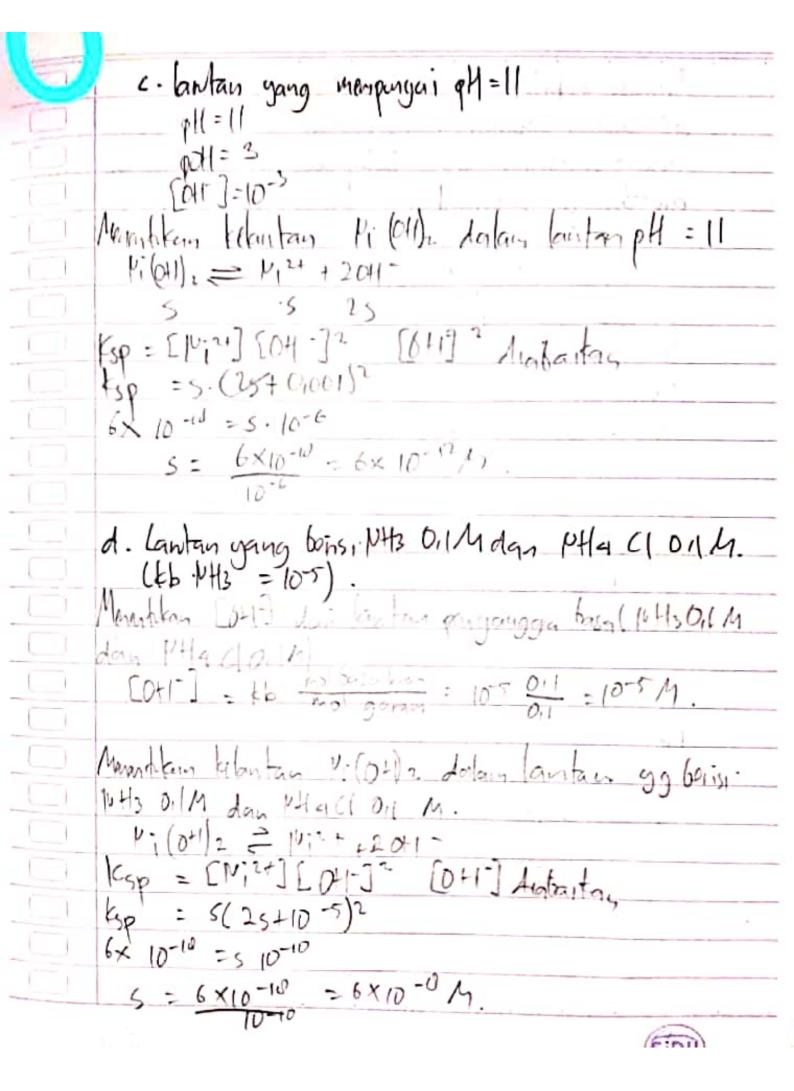


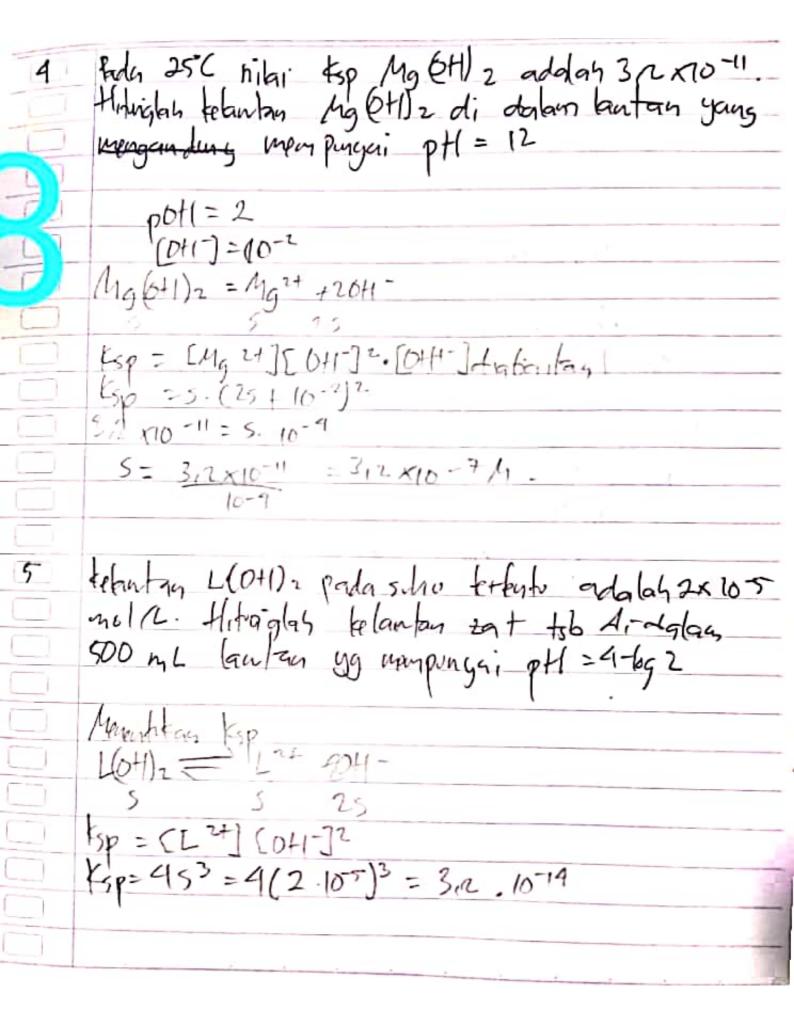
Indidicio a ... Jita 15p = GF2 = 3,2 ×10-11 Aan to HF = 10-5, hiturals 9 pH lantan gench MgFr. Espar 2 = 3,2 × 10-" Cafe = 62+2 f n=3
5 25 ksp=483 5 = 5 Kgp = 3 3/2 ×10-12 = 3 0 ×10-12 = 2 × -10-14 1 a Fr. basa (dan tasertat dan asan lemas) [04] = | For My = 10-H 2x10-4 = 12 x10-13 : 9,97 x1071 PDH = 7 - log 9,47 PH = 19- (7-log 9,97) = 7 + log 9,47 Diket top PbS = 8x10-20 ; Cd5 = 8x10-27; Co5 =6,3 x10-36 Mmanh. Kan [Pb2+], [fe2+], [(2+)], [(12)] = n = M. V = 10-9 × 1 = 5 × 10-5 M Menentian [52-] dan Pars [S<sup>2</sup>] = 17 - M.V - 10-4x1 = 5 x10-5 M



Edg shu 25°C tsp 1, (OH) 2 = 6× 10-18. Hitughis Kelantan Mi(OH)2 pada a - lantan Paoti 0,001/9. monthson OH ] dan NonOH Ma(04)2 = Na+2 +204 KSPE[Mam][DH] (OH dais dua sumber topi diabaites KSp = 5 (25+0,001)2 6× 10-10 =5.1.6 S = 6x10-10 - 6x10-12 M b. lantan Mich 0,001 M icla = N:2+ +2C1-0,001 0,001 Munghkan behatan MOH) and alam Cliff 201001 M P ((OH)2 = 1,2+ + 201ksp = [N 12+] [0+1-]2 + 1 = 2+ Analytican Esp = (5/+0,001) (25) 2  $6 \times 10^{-10} = 10^{-3} \cdot 45^{2}$   $5^{2} = 6 \times 10^{-10} = 15 \times 10^{-16} M$ 5 - VISXID-10 = 3,87 X10-8/



Padasho tertah 0,350 gr Bon Fr (Mr = 175) mplant dalam air anni manbartut IL lantan Jouch Barta Pada she terset hitright top Batz dan telantan Bata dalan butan ya menganlung Ba (POst 01 M. Maran Lean telantan/ Mobintas M-6- x1 - 0135 x1 =01002 Menen Atan Ksp Baj=z = Ba++2+-S S 25 Ksp = [Bn2+] (F-]2 Kop = 5. (25)2 = 453 = 4(2.10-3)3 = 3, 2 × 10-0.
Munnhan [Ba2+] dan Ba (103)2 0, 1 M  $B_{a}f_{z} = B_{a}^{2+} + 2f$  S = SEp=[Ba2+][=]2 [3n2+] diabatan Ksp = (\$40,1) (25) = 3/2×10-0 = 10-1. 4.52 52 = 32×10-9 = 0×10-0 M. 5 = VBX10-8= 2 182 X10-414



Mountitan [Off ] dais lantan top pt = 9-log 2 pH = 1- log 2 10-19 = CHT] SOHT 0-19 = 2.0-1(04) (647 = 10-14 = 5 × 10-11 1/4 Monentitan tolanton L(OH)2 dalan, la (3p = (1/2+) [041]2 (0+1) dignort Sp = 5 (25 + 5 x10-11) 2