② Som lading: + 1.0,9+2.0,1+3.0,2=1,2- $1.2=1.0,3+x \Rightarrow x = 1,2-0,3$ ≥ 1.2=0,9⇒ 1.2=0,9 mol

2) 72 (4³⁺ -> 32 -> 72-32 = 40 m, e= 32-3=29

A 2 2 1+ -> 30 -> 70 -> 30 = 40 m, e= 30-2=18

19 6 -> 9 -> 19-9 = 10 m, e= 9+1=10

B 10 2- -> 8 -> 18-8 = 10 m, e= 8+2=10

3

t 109°
Tetra eder

(4) Butaangers = C4H160 2 C446 + 13 O2 -> 8 CO2 + 10 H20 M C446 = 4.12+6.1 = 58 9/mol ~ 299 $\sim \frac{29}{58} \sim \frac{1}{2}$ mol -> 8 CO7 + 10 H20 2 C4H6 1 1309 8/4 10/4 Juol 8/4 0,5/4 V= Vo. M= 22,4 /mel. 13 mol 2 5,6. 13 = 72,8 C

B

(6) A+B-> AB (A0]2 [B0]20,4 mol/e 172 A>x2 B>= 5>x4 > 5~[A]² 2>3 A>2 B>x2 5>x2 ->5~[B] v~[A][B] Jelnicos de _ u [A] CB] int 1 -> le 2 1 0,12,0,1 $\frac{1}{(b)^3}$ $\frac{1}{(b)}$ => 5= 1000.0,4°.0,4 = 1000.43 v 2 64 mol/e.s



