

1983. 1a 1b.

1. $n=7$ $n=1$
 $m=3$ $m=0+3$

14, ~~o~~ verhalten
 $1,8 \times$
 $2,6 \times$

2, F Rb ~~2p~~

15, -184 kJ -83 cal
 -92 kJ/mol $-41,5 \text{ kJ/mol}$

3, Ne Co ~~2p~~

4, Ni Ag ~~2p~~

5, ~~6~~: C_2H_4 CO_2 ~~2p~~

II: SO_3 NH_3 ~~2~~

neutral: SO_3 C_2H_4

neutral: CO_2 NH_3

6, ~~spänt~~ CH_4

7, CO_2 CH_4

? ?

8, NH_4Br $Ca(OH)_2$

$NaCl$ Na_2CO_3

9, NO_2 NH_3

10, H_2SO_4 $SOCl_2$

11, ~~hard~~: H_2F_2
~~debt~~: C_6H_6 , NO_2
~~st~~: C_6H_6 , CO , NO_2 , N_2O
~~apol~~: C_6H_6 , (CO) , CCl_4

12, ~~ioni~~: Na_2SO_4 , $CuSO_4$
~~acid~~: $graphit$, van
~~mittel~~: Na_2SO_4 , $spänt$
~~verder~~: lin .

13, $HF + H_2O = H_3O^+ + F^-$ ~~zaw-bis~~

$SO_3 + H_2O = H_2SO_4$ ~~---~~

$Cl_2 + H_2O = HCl + HOCl$ ~~ndex~~

11.a 11.b

1.) I F

2.) ld elöbb

3.) CO₂ H₂
? ?

4.) ld elöbb

5.) ld elöbb

6.) acetylid gémánt

7.) Al³⁺/Al₂ Zn/Zn²⁺

8.) ~~elektron~~ AlCl₃

9.) etanol etan

10.) e- p-

11.) 3 1 2 4

12.) metánhidrogén (aromás)

éter (aromás o-tal heteroatom.)
aminosav
dikarbonsav
halogénezett rézh.

13.) ? , ~~Al~~ R-Mg-X , ? , CaSO₄ + Na₂PO₄ + Fe-pótlék 20

14.) 0, 1, 0,5, 1, 1

15.)
amin: Zn, Cu
hidrox: Zn, Al
sulf: Zn, Al?, AS
más old any: Cu, Fe

16.) lósd elöbb