· ·

2. 1 Mengen

Menge: Zusahmafassung, wohldlutasolzidban Obgoste Object , Swiper Barrele

Schribmise / Nodadion 2 L, U, Ols 3 = ZU, d, S, L3

Absar Zungh: M = 2 1,2,3

M = 2 1,2,3,4, ..., 1003 Movze als 05,20 M'= 31,23,4, F. -- 3 2313,1, 31,2,33}

Symbole normen dear five Ashierang 1No = 20,1,2,3,4,-3 Wichige Mengen va Zahlen () & radionaler

12 = reller Zaslen

2=20,1-1,2,-2,3,-3,--3

" is definion dals" Aufin die gill" (= shall) M == 3x6N | X besitet Equischept A } 2.B Symbole IN M= 31,2,73 D:= 3 ne IN | n 15t dur of 2 to Bar 3 X & W Notation X F S " X Sen Element von M" " × Element van M" umplizite Aussage expense Argube Spradgebrand

8 ou 16 : (=) 28 Dx. 262, So dass a. R=5 2 | h Synbol "2 40.04 m" na teighbu na bu adefinitions fruits
na ist Teiga vab adquiralent Ta,562 bish Vielfaches

men no lan

Klam mein

plus di Mergy clas Irrationala Zahlen 112 Morge de rationellen Zahlen

Symbole: [] e 12 | X = 12 | X = 12

X = [2] if > Xe IR word X2 = 2

7 = 2x | A(x) } Was darf for A geller? 2x | x sut Egersehigh A ?

R= 2x - x & x ? Paradoxie Mig: RER RER

Multimerge: 21,1,23

A B Seier Morgan

A S Byrbal

A Syrbal

A Roberty va B¹¹

11 B 134 Obstrety van A¹¹

: <=>> giles Elevent aus A 13t aus Elevent von B Mordor in Allusha

U. C. Marger in Alushan
gelegerteich "C" alle Test merge

ACB: E> ACB, as ax, xeBmitx&A (S)7 Z= Q= OR ZCQCR Reporting Def. Intera Do Wieldings Town organorga Von M. (N C 1/2° 9,5 6 R Mergen Sieva Sie

 $[a,b] := 2 \times 6 |R| | \alpha \leq \times \leq b$ " abgrochossens Inland" $[a,b] := 2 \times 6 |R| | \alpha < \times < 6$ " offenes Inland" Ia, 6) = 3x61/2 (a < x < 63 "haboffers Intercolle"

Superbol 23 = 6 " Our Morg"

A, B seien Mangen
"A word B sind glowch"

A = B : <=> A wed B heben walk

3 nell | nes und 5/2 = 3x (10.4 = x, nell) S= 2 n 6 M | 2ln 3 = 2 x | 2.n=x, n6 lN3 3/2,3 }= 223,13

boldselige Instasion A=B (=> ACB and B=A Bene; 4084,8 " gray dam, wenn"