

Lebms

GOETHE

FAUST

ho

h



ZUEIGNUNG

1) 1. E, zweifelt,  
 1. B) 1. 2. Kumpst.  
 1. C, 1. 2. 3. 4.?  
 1. 2. 3. 4. 5. 6. 7.  
 1. 2. 3. 4. 5. 6. 7. 8.,  
 1. 2. 3. 4. 5. 6. 7.;  
 1. 2. 3. 4. 5. 6.  
 1. 2. 3. 4. 5. 6. 7.

1) W 2, 1. 2. 3. 4. 5.,  
 - 1. 2. 3. 4. 5.;  
 1. 2. 3. 4. 5. 6. 7.  
 1. 2. 3. 4. 5. 6.;  
 1. 2. 3. 4. 5. 6. 7.  
 1. 2. 3. 4. 5. 6.,  
 - 1. 2. 3. 4. 5. 6.  
 1. 2. 3. 4. 5. 6. 7.

1. 2. 3. 4. 5. 6.,  
 1. 2. 3. 4. 5.;  
 1. 2. 3. 4. 5.,  
 1. 2. 3. 4. 5. 6.  
 1. 2. 3. 4. 5. 6.,  
 1. 2. 3. 4. 5. 6.,  
 - 1. 2. 3. 4. 5. 6. 7.

c-2d, N<sub>2</sub> diff

-v d d ~ r d x d on

d h g, r d v d,

-g u ~ z p d L

v f d, r e d d,

~ g b d, L d d ~ L,

e f d, - b) v d - d;

c o r d, o, o r c,

-c o g e, v j o n.

VORSPIEL AUF DEM THEATER

entw. wandl. f. Com.

entw.:

- 1. Ueb., 1. v. - ll,
- 2. 1-10; Ueb.,
- st, cor, c, 2. d. re
- Sitz Ueb. ll?
- 1. auf d. v. jun,
- \* c. b. d. - m. b.
- 1. Ueb., 1. Ueb. qm,
- ten. u. d) - ll.
- 6. d. j. r. z. z. v. m.
- 10. es - v. h. m. f. u.
- 1. c. o. m. ~ 2. b. d. l. a. s. s. e. d.;
- d - m. v. ~ p. o.:
- f. z. b. ~ e. l. b. / f. d.,
- m. b. z. f. u. d. p. o.:
- o. v. h. e. e. o. l. l. - ~ s
- u. e. y. d. f. u. p. ?
- e. l. v. m. v. m. o. a,
- c) f. u. d. i. e. e. v.,
- 2. p. d. e. e. l. o. a
- j. p. i. n. n. e. l. l. t. p. d.;
- U. z. n. n. z. - h. u,
- 2. f. o. j. t. ~ i. n. o. l. l.

- 0 2 2 0 1 2 1 2 0 0 0 0  
2 ~ 0 1 1 0 2 0 0  
9 0 0 0 1 5 - 9 1 2  
- dh - ; 2 0 0 - 4 - 2 2!

dh:

- 1 1 1 1 1 1 1 1 1 1  
1 1 1 1 1 1 1 1 1 1  
1 1 1 1 1 1 1 1 1 1  
1 1 1 1 1 1 1 1 1 1  
1 1 1 1 1 1 1 1 1 1  
1 1 1 1 1 1 1 1 1 1  
1 1 1 1 1 1 1 1 1 1  
1 1 1 1 1 1 1 1 1 1  
1 1 1 1 1 1 1 1 1 1  
1 1 1 1 1 1 1 1 1 1

1! 0 2 1 1 1 1 1 1 1 1  
0 1 1 1 1 1 1 1 1 1  
1 1 1 1 1 1 1 1 1 1  
1 1 1 1 1 1 1 1 1 1  
1 1 1 1 1 1 1 1 1 1  
1 1 1 1 1 1 1 1 1 1  
1 1 1 1 1 1 1 1 1 1  
1 1 1 1 1 1 1 1 1 1  
1 1 1 1 1 1 1 1 1 1  
1 1 1 1 1 1 1 1 1 1

dh:

0 1 1 1 1 1 1 1 1 1  
1 1 1 1 1 1 1 1 1 1

and er'ed go?

~ - 6 2 - 0 ~ 2.

in all the other

; e l, m d j co.

ca) use y l ~ c o,

~ 1 0 L ~ 0 ~ 1 ~ 0 ~;

and j ~ 2 0 ~;

2 ~ p 0 j y m.

e<sup>2</sup> ~ 1 5 - j t j y 6,

b l e b, 2 ~ m ~ 2 ~,

m l, j c, q c, e l,

e, w t j c. ! ~ m j 2 ~.

ent:

o m b m j q!

2 ~ d j 2, 2 ~ r b 2.

' l o ~ ~ 2 y f m,

- e, m j o c h m,

e o r i l ~ 2 j f m,

r<sup>e</sup> ~ 5 j f m.

1 2 0 ~ 1 ~ 1 2 0 j m,

~ t e r d j r e b c o e.

a l o b w, 2 ~ d k o b m;

- t e r y f m e<sup>2</sup> 2.

w r ~ j, - w - 2 j 2 j m!

j ~ m, - 2 0 j m;

l. - j t, - l o e j l.

cos<sup>2</sup>, cr ~ 2p qll!  
eLm' - 7 dflm.

du:

r bll, o fl ~ 2 xccn!  
o cll e<sup>2</sup> l m r d fl!  
`am am l y  
; m r, j l / r b.

omk:

~ 2 a b b l y m d:  
~ m, l j o m e n t,  
20 s e l b c y, 2 f.  
u e n t, r m c 2 o 2 j j f d,  
- o t ~ 2, l c r j d!  
c o r r e c t e d,  
r d l m o r s d f r e,  
-, c o e m p d e d,  
m u l t r d l s o i j n e.  
m d f f, j j, o j ~ 20 m l b,  
- ~ r ~ d d l e n j;  
, e a m ) - m G j b  
- p r ~ m j ?  
c o l u r s ~ d l s s ?  
c o l l ~ 2 o 2 j l s ?  
l o t, 1 2 ~ i ~ s ?  
2 d <sup>2</sup> b r d, 2 d <sup>2</sup> b v s.



; D<sup>2</sup> z, z - u z;  
 - d n - o n u.  
 co d r n u l u b,  
 j r f, i z u z u?  
 i o /, w - u - u, u u,  
 - u r / s y u u  
 d - i, u p j u u,  
 o j u u; z u  
 co d / z<sup>2</sup> y u - u z y u<sup>2</sup>

du:

n a - o r - u n u!  
 - d u c e z u u,  
 e z u u, e u u u u,  
 u u u u u u u!  
 c e u u - e z y u?  
 c e u u - u o u u?  
 . i - u u /, i<sup>2</sup> u u u,  
 - z o z y, d x z u?  
 c i n u - o l e o i r u,  
 z h u u e, s, g e y u,  
 c e c o p r i j u  
 u o u u u u u  
 c u l, b e u u z z u  
 u e u, e b) u u u u?  
 c u l e u u / - u u u u,  
 c - z u u u u z u?

a b ~ p a j l u f d u ?  
e r e n t p n d t o r ?  
a z m e z u n b t u r  
s i p t e 2 ?  
a l l , p e r c h u e n  
j u n g e r e t e n d ?  
a b t ~ p i ~ r e n ?  
o r g a n e l l , p o l u h e r .

*f. Co.*

- U b e n , z u n a l l  
- L d , S t u p p t  
o r e ~ s o n n e l d .  
f u r n u ) , u b , u e d  
- D - D ' u b h i ;  
- d b e r , e i n p l u  
r i g t , u n d z y z u ,  
- o r n j o d , p u ~ u .  
b s D - ~ z p u !  
z l l ~ z u n e r g e h !  
~ t e n d , l e u p u n d ,  
- c r e d , e s t m o d .  
z u s e n a l l n e y ,  
f N e - ~ b u r h e c y ,  
- i ~ b h e p ,  
~ d d l t - s u y  
e r a d ) t r e z u d u

— r p - j' l u y,  
e o n t o p t p e  
e — r c u ) u n i g n y,  
e' u e q, u e l o g v t  
~ l e r o, c o. R z p u H.  
I' z o r W, j c u - j R u,  
o m I ~ z u, l e z ) R z i;  
a l l'; ? . 9 R j R u;  
~ o e' p e n t o r.

h:

— r v D, j f E,  
e s, I b R u a,  
e s ) ~ E. p t l e  
M h u s p,  
e s u v, d s t,  
i n g c e n d p,  
e s, i t o e u u D,  
i e l u v d b t.  
i t 9 - d p i;  
~ e r d e y - i, f a h.  
r p u d L u,  
e d, z p u e r,  
o z o u l, i d i t,  
r z h e v p!

*ft* Co:

$\chi$  on lo, verber, enlo,

co<sup>2</sup> ph l e m,

co<sup>2</sup> p e n 200

Jan<sup>t</sup> r e h m,

ch<sup>o</sup> g e n d o n g

S g  $\sqrt{h}$  p o m,

co<sup>2</sup> d l l h o m g

1. 2 3 0 0 0 1 1.

d m u n t o f

2 4 - 2 4 - p h,

D r b g t g

2 2 0 0 1 m 2 g h,

e, t m, i - l,

- r m n e r / v e.

e - t n / r e b, o n g l,

- v e r, - t o c u r e.

*en*:

$\chi$  e t <sup>2</sup> m p d,

b o p r e m o i!

2 1 n e w t d,

n k o n f o p p.

co 2 d l, f l s p y r e!

<sup>2</sup> f e r e n g t o n.

w r n e l c m,

- n v o l, C o b.

sin, cos, tan,  
cot, sec, csc;  
double angle;  
cos 2θ; sin 2θ,  
- sin² θ, cos² θ,  
e²θ, e⁻²θ  
exp → sinh, cosh,  
- tanh, coth  
- arcsin, arccos.

rd, s, z, v  
cot, tan, cos, v;  
r, z, v, n  
Exp 1 - 1/2  
Me, - n, d, s,  
1, 2, 3, 4, 5;  
~ cos, L, L, L, L,  
~ n - L, L, L, L.  
- z², z, L, L,  
~ exp, n, z, L, L,  
- cos, L, L, L, L,  
L, L, L, L, L.

PROLOG IM HIMMEL

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100.

1.

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100.

1.

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100.

Dr:

-gracia  
Sre, Sr, Srca, Srca,  
-vencen  
\Wong, Sr, Sr.  
elb ~ wca sm  
2le ~ wca.  
de, de, de, de  
coll ~ wca.

Je:

inter ~ wca,  
en ~ wca,  
-vencen  
2wca.

df lo:

es, -w, p ~ wca  
-w, wca) ~ wca,  
-w, wca) ~ wca,  
-w, wca) ~ wca.  
p, inter ~ wca,  
-w, wca) ~ wca;  
wca) ~ wca,  
de, de, de, de.  
Sre - wca, Sr,  
12 ~ wca) ~ wca.

~ 21' d' d' g' s' 2' h' g'

- consonant.

~ 21' 10' 2' m,

~ 21' 10' 2' m,

~ 21' 10' 2' m,

~ 21' 10' 2' m.

~ 21' 10' 2' m,

~ 21' 10' 2' m,

~ 21' 10' 2' m

~ 21' 10' 2' m,

~ 21' 10' 2' m!

~ 21' 10' 2' m.

~ 21:

~ 21' 10' 2' m?

~ 21' 10' 2' m?

~ 21' 10' 2' m

~ 21' 10' 2' m.

~ 21' 10' 2' m, 21' 10' 2' m, 21' 10' 2' m.

~ 21' 10' 2' m,

~ 21' 10' 2' m.

~ 21:

~ 21' 10' 2' m



df Co.

~ 2!

2:

~ ml!

df Co.

ber. od / s & co.

1/100. 0 L m h 2 p 0.

~ L d, 2, 2, 1, h, s,

~ ) 0 L m 2 u u b i

S 20. ber. 1, 2 5 p u

- S' re te 2 B. 6,

- e ~ s - e h u

ber. 1, h u t 4.

2:

c, v D ~ c u n o d,

- c, r u e z i n g b u.

c o d' w ^, c e l u d h,

e u - h, m l l u p u.

df Co.

c o c u r ? ~ d r 2 u m!

c r v, u w o w,

~ 2 f o d, b u.

21:

— r s' r e d,  
— r e' l u n,  
— N' u g — r. f d.

22 lo:

e e n 1 / 2 ; e 2 ~ 1 n  
2 1 v r e o m l u n.  
r 2 b 1, v, u, b p o n.  
l r s e a v, 1 / 2 i  
v n - o' r y l' 2 o.

23:

~ 2, - e 4 0!  
p r 2 b s o r l e n,  
- b r, n e r l o,  
s e r o 2 n,  
- p y d, c e u m b:  
~ n 2 y, 2 o' e n n r,  
j° s h o r o c u b.

24 lo:

24! — e 1 - 1 n.  
v. l r a n / n.  
c 1 / 2 r p p,  
v / r v h l e — u f.  
j e ° l o, - 2 b.

or  $z_n, w_n$ .

$z_n$ :

$e^{i\theta} \cos \theta - i \sin \theta$ ;

$z = e^{i\theta} \cos \theta - i \sin \theta$ .

$\cos \theta = \frac{z + z^{-1}}{2}$ ,

$\sin \theta = \frac{z - z^{-1}}{2i}$ .

$\cos \theta = \frac{z + z^{-1}}{2}$ ,

$\sin \theta = \frac{z - z^{-1}}{2i}$ ;

$z = e^{i\theta} \cos \theta - i \sin \theta$ ;

$z = e^{i\theta} \cos \theta - i \sin \theta$ .

$\cos \theta = \frac{z + z^{-1}}{2}$ ,

$\sin \theta = \frac{z - z^{-1}}{2i}$ !

$e^{i\theta} = \cos \theta + i \sin \theta$ ,

$z = e^{i\theta} \cos \theta - i \sin \theta$ ,

$z = e^{i\theta} \cos \theta - i \sin \theta$ ,

$z = e^{i\theta} \cos \theta - i \sin \theta$ !

$z = e^{i\theta} \cos \theta - i \sin \theta$ .

$w_n$  (or)

$z = e^{i\theta} \cos \theta - i \sin \theta$ ,

$z = e^{i\theta} \cos \theta - i \sin \theta$ .

$z = e^{i\theta} \cos \theta - i \sin \theta$ ,

$z = e^{i\theta} \cos \theta - i \sin \theta$ .



# *DER TRAGÖDIE ERSTER TEIL*



NACHT

2 2 2 2 2, 2 2 2 2 2  
6, 6 6 6 6 6 6.

6:

2 2, D! 6 6 6,  
L 6 6 - 2 2 2,  
- 2 2 2 2 2  
6 6 6 6, 2 2 2 2 2.  
6 6 6 6, 1 2 2 2!  
- 2 2 - 2 2 2 2;  
2 2 2 2, 2 2 2 2  
- 2 2 2 2, 2 2 2 2  
2 2, 2 2 - 2 2 - 2 2  
2 2 2 2 2 2 2 2 2 2  
- 2 2, 2 2 2 2 2 2!  
2 2 2 2 2 2 2 2 2 2  
2 2 2 2, 2 2 2 2 2 2,  
2 2 2 2, 2 2 2 2 - 2 2 2;  
2 2 2 2 2 2 2 2 2 2,  
2 2 2 2 2 2 2 2 2 2 2 2  
2 2 2 2 2 2 2 2 2 2,  
2 2 2 2 / 2 2, 2 2 2 2 / 2 2,  
2 2 2 2 / 2 2, 2 2 2 2 2 2 2 2,  
2 2 2 2 / 2 2 2 2 - 2 2 2 2.  
2 2 2 2 2 2 2 2 2 2,

21' - 21' d;  
- 21' 20' - 21' 21'  
21' 21' - 21' 21',  
- 21' 21' 21' - 21'  
/ 21' 21' 21', 21';  
e, / 21' 21' 21'  
j 21' 21', 21' / 21';  
e, 21', 21' d  
21' 21' 21',  
j 21' 21' 21' - 21',  
- 21' / 21' 21' 21'.

- 21' 21', 21' 21',  
j 21' 21' 21',  
~ 21' - 21' 21' 21'  
~ 21' 21' 21':  
e, 21' 21' - 21';  
21' 21' 21' 21' 21'!  
21' 21' 21' 21' 21'  
21' 21' 21' 21' 21',  
21' 21' 21' 21' 21',  
21' 21' 21' 21',  
21' 21' 21' 21',  
21' 21' 21' 21'!



es! f r z m m D?  
Mo ego z,  
c b e r z w o l l  
K o p f z u b l i  
D r u c k z u b l i,  
~ o n n e, f e l l e t,  
~ l o z z f u d z s  
~ n y l l a r z f l i;  
z z o n, D o r z o r z f l i,  
z f u r z f l i,  
— D r z o n z f l i m  
e e c l i e o — c l i

— K e y z, c u e z y  
J u z e r z o n z r d?  
c u e z o n z z y  
e r z o n z z r d?  
g i z o n z z u,  
e r z o n z z y z z z,  
z r d z o n z z e r z  
D r u c k z u b l i.

l p i s i z o n z c z r d  
— q p z o n z o,  
I n f e r z o z i n z o,  
• e r z o n z z r d?  
u n b e i z g u d,

-c n d k b,  
e n, o n d o s,  
a p l ~ z b j a z b.  
v o d, e l i n o b o n  
i z n y f h o v n d:  
r g d, r z b, n v;  
x d v, c r d z d!

z p e o s - w l e y h o v n a o.

z! d c u b z r v  
s n o v p z z o!  
i b h o, z h o n o n  
~ p e v r n d' - e n v.  
a ~ z i, q f h k,  
v e n' i u g o,  
e n z y l e b o,  
- z p w o r k  
i n l' i n s o z v d z s e n!  
v, ~ z i v' - d!  
z p z o n n p h  
i o v e n n z o s h.  
h h n' i, c o' c o p l.  
"z b d' / z o;  
e o' j, e z y' v!  
s, u, g, c e o  
i p o j u p z z n n!"

1. 1997

1. 1997  
2. 1997  
3. 1997  
4. 1997  
5. 1997  
6. 1997  
7. 1997

1. 1997  
2. 1997  
3. 1997  
4. 1997  
5. 1997  
6. 1997  
7. 1997

1. 1997

1. 1997  
2. 1997  
3. 1997  
4. 1997  
5. 1997  
6. 1997  
7. 1997

- c... ) s v m  
- v... w... o... n... m

1. s g e!

- e g! - f u - z f e n

v r e z d m - a

~ z u s f a z

- l b v n!

1 b; e g d r v, l e n z b

s e e!

z! c o z z z z z b!

1 ~ z b

- z o n) a n!

1 b z z z z z z z z!

e r b! e r b! - n b, z z n!

- l b e w - f l e y z o z b p w o e

- n - z b; z b g i z b.

z b:

c... v?

l: (y o e)

f u o p!

z b:

e z v v v z z z,

z z d v z p z,

— ~ ~ ~

6:

o! 1 h d!

26:

e b, m e d j z,

z p j z n, z d j z i;

v t e d d o u b i,

e v t m d w e h

b s u p d! c i o d!

c i b, i d z) p l

- h - t, i l l e u

g, j, ~ z b, z j z u!

c b e, b, o p v u r,

j z v z e n d t e r i

b e, i, s z z d v d t,

z e n d e n p l,

~ b l a c k p d a n i

6:

o, v, b w e, c h i

1 v, v b, v e o z h!

26:

z u d e n, p u n g - n

c e 1 5 - n,

os 2-2!

$\mu - 1 - h,$

$\sim \sigma_0 v,$

$\sim \sigma_0 \sigma_0 \sigma_0,$

$\sim \sigma^0 \sigma_0,$

$- \mu_1 \sigma_0 \sigma_0 \sigma_0 \sigma_0 \sigma_0$

$- \sigma_0 \sigma_0 \sigma_0 \sigma_0 \sigma_0 \sigma_0.$

4:

$\sigma_1 \sigma_0 \sigma_0 \sigma_0 \sigma_0,$

$\sigma_0 \sigma_0 \sigma_0 \sigma_0 \sigma_0 \sigma_0 \sigma_0 \sigma_0!$

26:

$\sigma_0 \sigma_0 \sigma_0 \sigma_0 \sigma_0 \sigma_0 \sigma_0 \sigma_0,$

$1 \sigma!$

$\sigma_0$

4: ( $\sigma_0 \sigma_0$ )

$1 \sigma!$

$\sigma_0 \sigma_0!$

$1 \sigma_0 \sigma_0 \sigma_0!$

$- 1 \sigma_0 \sigma_0!$

$1 \sigma!$

— Let's move it to the  
— 'in good style'  
example  
— 'in good style'

can play - 'style' - a 2 x 2 (see) f.

an:

y! 12 - 1000;  
1000 - 1000;  
2000 - 1000;  
2000 - 1000;  
1000 - 1000;  
~ 1000 - 1000.

q:

1000 - 1000;  
1000 - 1000.

an:

1000 - 1000;  
- 1000 - 1000;  
1000 - 1000;  
1000 - 1000.

6:

$c_1/b, r^{c_1}/b,$

$c_1/b \sim \dots$

$- \dots$

$\dots$

$\dots$

$\dots$

$- \dots$

$\dots$

$\dots$

$c_1/b \sim \dots$

$\dots$

$c_1/b \sim \dots$

an:

$\dots$

$\dots$

6:

$\dots$

$\dots$

$- \dots$

$\dots$

$- \dots$

$\dots$

$\dots$

$\dots$



$z \text{ für } 0 \sim \text{reel}$ ;  
 $\sim 2 \text{ für } 1, 0 \sim \text{reel}$ !

am:

Dz! ind: n;  
- r-j. 3. n.  
 $v^1, \sim 2 \text{ für } 1 \text{ für } n$ ;  
 $\partial \text{ für } 2 \text{ reel} - \text{reel}$ .  
 $\sigma z^2 / 1, 2 / \text{reel}$ ;  
 $r, 1, 2 / \sim \text{reel}$ !  
-  $r \sim 2 \text{ für } 1 \sqrt{2}$ ;  
 $20 \sim \text{reel}$  für n.

6:

e  $\text{für } n$ ; e  $\sim 2 \text{ für } n$ ;  
 $c \sim n \sim a \text{ für } 1 \text{ für } n$ !  
 $\text{für } 2 \text{ für } n$ ;  
 $c \text{ für } 1 \text{ für } n \text{ für } n$ .

am:

$f! - \sim 2 \text{ für } n$ ;  
 $j \sim 2 \text{ für } 1 \text{ für } n$ ;  
 $j \text{ für } 1 \text{ für } n \text{ für } n$ ;  
-  $\text{für } 1 \text{ für } n \text{ für } n$ .

4:

— h<sup>l</sup>, n, g, u c!  
w b, f, i, m, j  
z, s ~ 0, 2, 6, 8, 9  
c, o, r ~ 2, 6, j ~ 2, 6,  
e, p, h, e ~ 2, 6, i, n ~ 2, 6,  
z<sup>2</sup>, j ~ j, g, r, u.  
e, s, t, e, r, a, n, t, h, e, r!  
w ~ 0, j, l ~ 2, 6, w, e, s.  
~ n, l, l, o ~ 2, 6, 8, 9  
~ 2, 6, 8, 9 ~ 2, 6, 8, 9  
2, 6, 8, 9 ~ 2, 6, 8, 9,  
o, 6 ~ 2, 6, 8, 9 ~ 2, 6, 8, 9!

an:

— 1, d! ~ 2, 6, 8, 9 ~ 2, 6!  
2, 6, 8, 9 ~ 2, 6, 8, 9.

4:

h, c, o, r ~ 2, 6, 8, 9  
c, r, e, d, i, t ~ 2, 6, 8, 9  
1, c, o, r, ~ 2, 6, 8, 9,  
1, l, i, b, r, a, r, y ~ 2, 6, 8, 9,  
2, 6, 8, 9 ~ 2, 6, 8, 9,  
2, 6, 8, 9 ~ 2, 6, 8, 9.  
1, u, ~ 2, 6, 8, 9 ~ 2, 6, 8, 9,  
1, 2, 6, 8, 9 ~ 2, 6, 8, 9.

am:

1.  $\rightarrow m \rightarrow m \cdot h d,$   
2.  $\rightarrow p \rightarrow p \rightarrow p \rightarrow p \rightarrow p$   
d.  $\rightarrow m, o, n, t, b, n,$   
w.  $\rightarrow v \rightarrow i \rightarrow h.$   
2.  $\rightarrow h, i, v, f, o, n, t, o;$   
p.  $\rightarrow c, o, t, d, r, l, i, e, s, o.$   
a.

6: (a)

o.  $\rightarrow i, n, t, e, r, n, a, t, i, o, n,$   
p.  $\rightarrow m, a, t, r, i, x,$   
2.  $\rightarrow m, a, t, r, i, x,$   
-  $\rightarrow l, i, c, e, n, z, e.$

er.  $\rightarrow i, n, t, e, r, n, a, t, i, o, n,$   
c.  $\rightarrow r, o, l, l, e, n, z, e,$   
d.  $\rightarrow d, i, l, l, e, n, z, e,$   
2.  $\rightarrow r, o, l, l, e, n, z, e.$   
e.  $\rightarrow m, a, t, r, i, x,$   
1.  $\rightarrow v, i, d, e, n, z, e.$   
D.  $\rightarrow p, r, i, n, z, i, p, i, a, l,$   
e.  $\rightarrow v, i, d, e, n, z, e.$

1.  $\rightarrow m, a, t, r, i, x,$   
2.  $\rightarrow m, a, t, r, i, x,$   
o.  $\rightarrow b, e, z, e, i, d, e, n, z, e.$

- uß ð ~ r o n ;  
3, u s 2, 0 b u n d  
g r e i n i n a , j b o  
-, g l e , 2 n e n j p o  
j u g e r o , o r o b o o !  
~ e n e t o v 2 o p l l .

1 e l , o j 2 z v r o ;  
2 , 1 , n l l d j p p i o o ;  
- 1 , d j 2 n n l l .  
j l r o i n n e n  
1 b v d \_ n , - 2 o ;  
e j o b 2 v d p ,  
10 j o b 2 p e o .  
a n s v d i c o , 2 e n i  
o , p d l r e n i  
D i i n b , - y o i e n ,  
b n i o n o n .

2 x b , c o D ' 2 b p n ,  
e n / n h e - h e r g l ) n ;  
c r j n o d p n ,  
e n 2 b e i o h - a .  
1 5 e n n , 2 n b  
y n 2 2 p o f p .

clab) - d 2 n r b,  
- 2 h y o j o n e,  
- i n n u r u p n,  
c o r s r p y f e z,  
i o r b z p d h z y,  
e d o n s b p r z y,  
o s d o) - f u d l - s i,  
b e l) f a l n z r o n j,  
b u s z o - z l, s c i - r e g n,  
s l z, c o, e d - r l;  
e y u d - r, c o l l l,  
- c o e y n d, e r b e y f a u n.

~ r m z) , ! j d . - f l;  
z a n z) , ~ f e d,  
~ o . ) p f e n e d,  
o o e n l l - d d.

. - / g o c o r z z o e  
e z e l l h n z n n?  
V e, i z h e l l h r e  
z r z n e l p o n n?  
z o, l e r, c o r l l?  
o, f z h e l l h r o,  
e z, i z g n) l l,  
e z - e s ~ z n p o n ? m  
c o h o b e y v, z n p e, z?

see  $m, 0, 2, \dots, d, \dots$

$\sim$   $\ln n, \beta - i, \dots, \gamma,$

$2, \dots, D, \dots, \ln, \dots, M.$

$\uparrow$   $\ln, \dots, \beta, \dots, \gamma,$

$2, \dots, n, \dots, \gamma - \beta:$

$\uparrow$   $\gamma, \dots, \ln, \dots, \beta, \dots, \gamma,$

$\gamma \rightarrow \ln, \dots, \beta, \dots, \gamma, \dots, \beta,$

$\beta, \dots, \ln, \dots, \beta,$

b)  $\ln, \dots, \beta, \dots, \gamma,$

$-\ln, \dots, \beta, \dots, \gamma,$

$e, \dots, \beta, \dots, \gamma, \dots, \beta,$

$e, \dots, \beta, \dots, \gamma,$

$e, \dots, \beta, \dots, \gamma, \dots, \beta,$

$e, \dots, \beta, \dots, \gamma,$

$\ln, \dots, \beta, \dots, \gamma,$

$\ln, \dots, \beta, \dots, \gamma,$

$\ln, \dots, \beta, \dots, \gamma,$

$\ln, \dots, \beta, \dots, \gamma,$

$\ln, \dots, \beta, \dots, \gamma,$

$\ln, \dots, \beta, \dots, \gamma,$

$\ln, \dots, \beta, \dots, \gamma,$

$\ln, \dots, \beta, \dots, \gamma,$

$\ln, \dots, \beta, \dots, \gamma,$

$\ln, \dots, \beta, \dots, \gamma,$

$\ln, \dots, \beta, \dots, \gamma,$

1. 10 d, e p b,  
 1. 12 d m b!  
 20 i i r p e d - r d.  
 4. 11 k - 2 e r z o t t,  
 4. 11 p e r l e b e n t t,  
 1. 10 e r b e r d!  
 1. 10 d, - 1 - z y p e t,  
 1. 10 d, e f u r p e t,  
 1. 10 b l y f u r u n d - d.  
 10 2 2 u c, 1 2 e p o,  
 1. 11 p e l y s t f j r u b o,  
 1. 11 s c h u t - u n d n.

1. 11 s o n g t, s l u g e,  
 1. 11 d 2! 1 b d u,  
 1. 11 s u l t u r j e n,  
 1. 11 s d u n d n.  
 9 2 2 u, 4 2 u e n!  
 4. 1. 11 d a n, - 1, u e b e t?  
 1. 11 n t - 2 e r r e o n  
 1. 11 o e r m j!  
 1. 11 o d, 1. 11 e t g o,  
 1. 11 u t e m e g t!  
 1. 11 x - f, 1. 11 u j u o,  
 1. 11 e r o d e l - 2 u s s d,  
 1. 11 u l e n 2 e l j u n,  
 1. 11 i) l u b j i n l e o d,

D L r m z f u,  
 $z^{\circ} \sim v e, z y z u b l;$   
 $z r y) z / y^{\circ},$   
 $- c - z h, n o / e z / b^{\circ}.$

$\sim r r x, r f u \sim z!$   
 $z e e r d l u,$   
 $\sim r r h / d!$   
 $e z y d e \sim d u l e b,$   
 $s r b, n o z b,$   
 $c \sim d^2 h y l l.$   
 $\sim d u v e r n o \sim d A,$   
 $\circ h r o b l, b \sim r e o, j n e n,$   
 $s \sim p, z, e f u,$   
 $\sim d p r u t h r o l.$   
 $\sim e y d r n d u \sim d,$   
 $\sim e r e d n e r n d / y n.$   
 $x \sim d l; \sim d h n d l;$   
 $z h r y b l e z e.$   
 $\sim r u, \sim r e,$   
 $\sim d h r \sim, z y p o,$   
 $\circ b z z b, z r e y l l!$   
 $\sim o f, j e \sim r e$

z m a - z y a.



2. n:

n. yea!

Le 2 pta,

~ 1. lta,

z. lta, lta

n. pta.

4:

o. lta, o. lta

p. lta, o. lta

o. lta, o. lta

o. lta, lta

o. lta, o. lta

o. lta, o. lta, o. lta

o. lta, lta

2. cu:

2. pta

u. lta,

o. lta

u. lta,

lta - ota

u. pta,

lta - ota

n. lta.

2. n:

n. yu!

n. ve,

\, ve,

2. a - ve

ly, yu.

4:

co. q. r, v. p - p,

r. x. y, v. n. p?

n. l. v. c. c. t. y. p. z.

v. l. p. z. c, - v. l. - u;

e. c. c. i. o. z. o. p. v. c.

j. l. d. n. o. r. i. j. p. n.

c. o. z. e. n. d. l. l. d;

- d, n. o. n. n. s. t. r. e. s. p. d,

v. l. p. p. x. v. z. e. n.

o. d. p. p. j. - n. o. t. n. o.

s. v. p. x. z. n. d. o. y. p.;

e. n. n. - y. p. o. z. n. t. o. b. e,

- ~ p. c. a. b. t. p. o. i;

~ p. l. h. z. e. o. n.

k. v. p, p. c. e. - o. z. p. n.

- s. t. e. z. o. l. n.

l. v. - d. y. z. i.

q. t. n. e. z. - t. r. e. z. i. p.

\. b. l. e. n. l. u. o. z.;

1) 2/3, 2/3, 2/3  
2) 1/2, 1/2  
3) 1/3, 1/3, 1/3  
4) 1/4, 1/4, 1/4, 1/4

2. 1/2:

1) 1/2  
2) 1/3, 1/3, 1/3  
3) 1/4, 1/4, 1/4, 1/4  
4) 1/5, 1/5, 1/5, 1/5, 1/5  
5) 1/6, 1/6, 1/6, 1/6, 1/6, 1/6  
6) 1/7, 1/7, 1/7, 1/7, 1/7, 1/7, 1/7  
7) 1/8, 1/8, 1/8, 1/8, 1/8, 1/8, 1/8, 1/8  
8) 1/9, 1/9, 1/9, 1/9, 1/9, 1/9, 1/9, 1/9, 1/9  
9) 1/10, 1/10, 1/10, 1/10, 1/10, 1/10, 1/10, 1/10, 1/10, 1/10

2. 1/3:

1) 1/3  
2) 1/4, 1/4, 1/4  
3) 1/5, 1/5, 1/5, 1/5  
4) 1/6, 1/6, 1/6, 1/6, 1/6  
5) 1/7, 1/7, 1/7, 1/7, 1/7, 1/7  
6) 1/8, 1/8, 1/8, 1/8, 1/8, 1/8, 1/8  
7) 1/9, 1/9, 1/9, 1/9, 1/9, 1/9, 1/9, 1/9  
8) 1/10, 1/10, 1/10, 1/10, 1/10, 1/10, 1/10, 1/10, 1/10

Love you,  
C. S. Lewis  
N. J. Lewis,  
N. J. Lewis!

# VOR DEM TOR

$\text{ggm} \rightarrow \sqrt{p} \cdot 20$

$\sim \text{rec} \rightarrow f$ :

$\text{cm} \rightarrow \sqrt{20}$

$i$ :

$\text{r} \cdot 20 \rightarrow \sqrt{20}$

$i$ :

$\text{r} \rightarrow \sqrt{20}$

$\sim \text{rec} \rightarrow f$ :

$\text{r} \rightarrow \sqrt{20}$

$f$ :

$\text{r} \rightarrow \sqrt{20}$

$f$ :

$\text{r} \rightarrow \sqrt{20}$

$\sim \text{r}$ :

$\text{r} \rightarrow \sqrt{20}$

W:

Du- und x, p-entwert  
1, 2-entwert  
- x, s-entwert.

W:

1, 2-entwert,  
1/2, 1/4-entwert.

entwert:

1, 2-entwert.

1:

1, 2-entwert.

1:

1, 2-entwert,  
1, 2-entwert,  
1, 2-entwert,  
1, 2-entwert!

1:

1, 2-entwert,  
1, 2-entwert.

ger:

4, 0, 1, 2, 3, 4, 5, 6, 7, 8, 9  
~ 10, ~ 11, ~ 12, ~ 13, ~ 14, ~ 15, ~ 16, ~ 17, ~ 18, ~ 19  
- 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100

wend:

es ist v, 1, 2, 3, 4, 5, 6, 7, 8, 9  
- 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100

f ger: (f)

1 - 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100

f:

10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100

un:

~ , f v l ; ~ u r b !

~ , e i ; ' ~ n e b .

- l , g d c o h e n ?

' - l e n g t e ?

p h i n o s o n ,

- f e u s t e s .

un: (6)

~ n e n , ~ g e n e

- c y f - u n t ,

u - s , v p p e

- o - v e l z e n t !

b e r d l m e n t !

~ . l s ; n e n .

~ n , ~ e r g e l e n ,

' - l e p - n t e n .

i un:

i u c o , v o n o n - l e n n

o ~ p l s r - r e f ,

c a t , c , i m ,

l e n s e p p e

u g r e l d , k o n z e n e

- o ~ b o z e , u g l e z ;

e n t r e v e l s d z ,

- o n k e - l e g .



in un:

$x \sim \mu, \sigma^2 - \text{obsp}$

$\sigma^2 \sim \text{obsp}$

$\nu \sim \text{obsp}$

$\sigma^2 \sim \text{obsp}$

$\sigma^2$ : (j ~ un)

$\sigma^2 \sim \text{obsp}$

$\sigma^2 \sim \text{obsp}$

$\sigma^2 \sim \text{obsp}$

$\sigma^2 \sim \text{obsp}$

un:

$\mu, \sigma^2, \nu \sim \text{obsp}$

$\sigma^2 \sim \text{obsp}$

$\sigma^2 \sim \text{obsp}$

$\sigma^2 \sim \text{obsp}$

$\sigma^2$ :

$\sigma^2 \sim \text{obsp}$

$\sigma^2 \sim \text{obsp}$

$\sigma^2 \sim \text{obsp}$

$\sigma^2 \sim \text{obsp}$

o-llh:

u-m?22

zu-pu;

u-l? f-f

z-u-o

u-l, pu!

n-i-er,

n-i-!

-l, l-er

o-r-er,

o-j'-le,

-f-er.

e-i-ger!

e-i-er!

u-l-u-m

o)u.

n-i-er,

n-i-!

-l, o-llh

p-er.

ll-er.

ll:

S-o-l? f-r-O

r-o-l? z-er, u-er u;



- 2. 2. 2. 2. 2.  
- 4. 6. 8. 10.  
2. 4. 6. 8. 10.  
6. 5. 4. 3. 2. 1.  
1. 2. 3. 4. 5. 6.  
2. 4. 6. 8. 10.  
2. 4. 6. 8. 10.  
2. 4. 6. 8. 10.  
2. 4. 6. 8. 10.  
2. 4. 6. 8. 10.

an:

2. 4. 6. 8. 10.  
1. 2. 3. 4. 5. 6.  
2. 4. 6. 8. 10.  
1. 2. 3. 4. 5. 6.  
2. 4. 6. 8. 10.  
1. 2. 3. 4. 5. 6.  
2. 4. 6. 8. 10.  
1. 2. 3. 4. 5. 6.

2. 4. 6. 8. 10.

2. 4. 6. 8. 10.

2. 4. 6. 8. 10.  
2. 4. 6. 8. 10.  
2. 4. 6. 8. 10.  
2. 4. 6. 8. 10.

- 20 4/7 20 L.

h2! h2!

h2 0! 2 0! 2!

- r- l- u- n.

\ 26 ) 2,

e, g, 0, ~ ~ r l h ~

2 0 ~ ~ ~ n;

, h 0 ~ ~ ~ , ) 2

- 0! : ~ ~ , e l l e , e!

h2! h2!

h2 0! 2 0! 2!

- e | - 0! h 2!

0 2 - 1 2 2 ~ ~ 0 2 0;

6 h 2 1 6, 6 h 2 0 0;

- e ~ ~ ~ n.

6 h ~ ~ ~ , 6 h ~ ~ ~

- ~ ~ ~ n e ~ ~ ~ n,

h2! h2!

h2 0! 2 0! 2!

- 0! ~ ~ ~ n.

- 4 2 0 | - 0!

0 2 h 2 0 6 4

u ~ ~ ~ n!

\ 2 2 6 0 0 0 ,

-f' r g - c:

b2! b2!

b2 o! 2 o! 2!

f - l u n

4:

x e, e' z ~ f,

e r t z ~ f,

- f o l n o p,

o ~ - z f, u.

- ~ u D ~ z f n,

~ r z p l n f,

~ l n j - o f,

e, l ~ a - b f:

~ f l n, i, z,

~ n p l.

6:

~ n ~ l z o h

~ f n z - e n.

e l n a l) n n o p.

4:

l a, - o c p,

e r a l z n p;

o r - n o d z

~ kom 4 p!

~ mit 1100 x

~ 2 h 2 p

~ 2 0 k 1 1 0,

o: 0 2 p p.

1 0 0 1, ~ h 2,

1 2 2 1 0 0 0 0,

~ mit 1 h 1,

1 1 1 1 0 2 0,

1 0 1 1 1 1 1 1;

2 2 h 2 1 2 h 1 1.

~:

1 0 1 2 1 1 1 1,

e: 1 1 2 h 1!

6:

~ 1 1 1 1 1 1 1,

~ 2 h 1 - 2 h 1.

~ 1 1 1 1 1 1.

an:

1 1 ~ 1 1 1 1, ~ 1 0 1 1,

1 1 1 1 1 1 1!

~ 1 1 1 1 1 1 1

1 1 1 1 1 1!

~ In j d o r m e n ,  
~ In H - e n - d ,  
~ l e g e n ; l e g e n .  
e r b , z u r e r b ,  
~ r e l e n z , z u ;  
~ e r l e , ~ l e r ) , e r l e ,  
o n e l e r e .

6:

~ e r l e z u r l e r e ,  
x ~ r i s t e r e r b .  
x o o , l e r e n e n  
~ e r l e r e n - e r l e .  
~ z e r l e , r e r l e ,  
z e r l e , o r l e , z e r l e  
e r l e r e l e r e  
z e r l e z u r l e r e .  
~ r e l e l e r e n e r e .  
~ l e r e r e n e r e ,  
o r l e r e n e  
z e r l e r e r e !  
z e r l e r e n e r e ,  
~ s i n e r e - r e z e r l e r e  
z e r l e , z e r l e r e ,  
z e r l e r e r e ;  
~ z e r l e r e r e ,  
z e r l e r e r e r e ,



- , D p n y K ,

e E R g r o .

e s o e ~ ~ n ~ ~ , ~ ~ n ~ ~ l u ,

R ~ ~ u e i s t r d ,

- ~ ~ e e i t h e b e n t s

o ~ ~ l y p d n o e p d .

y e s i t w l e n

i h ~ ~ n ~ ~ R z o ,

x a , y s , i C o n t p l e n ,

- ~ ~ p e h t : a p o t

- ~ ~ 2 i 2 2 ~ ~ p n n n

i q u e n , q u e n

C / p n o , C o p d .

i 2 b ~ ~ n ~ ~ t o e p n i

6 c o n t 2 , i 2 0 s n ,

e n , h e r e n d .

o n i :

o ~ ~ l r ~ ~ s e r t h e !

4 / ~ ~ t h e n p n ,

i n d , i n R s h ,

p o p - C o n t o p n i

c e y o s t h e n s n d ,

- ~ ~ e y n i R p n i

c e y o n , o p r d ,

- ~ ~ n e o n j 2 i n p p n .

4:

—  $z, a, d, z, h, n,$   
 $e, r, z, o, N^{\circ}, g, D, !$   
 $con / c, o, e, m, U, z,$   
 $- con / c, o, n, u / U, i$   
 $d, o, s, r, f, e, z, o, z,$   
 $r, 2, k, o, /, u, m, !$   
 $M, o, z, u, e, o, u, z,$   
 $i, k, z, m, i, n, s, t, z, u, m,$   
 $o, r, d - s, i, n, i, s, d,$   
 $e, n, d - l, e, t, z, u, s, o, m,$   
 $- e, m, b, l, e, v, s, e, n, d$   
 $r, d - m, d, j, f, u, !$   
 $i, o, s, i, r, o, u, r, e, f,$   
 $i, f, e, d, j, z, u, b, o,$   
 $y, e, a, z, z, u, s, t, e, o, u,$   
 $\sim t, r, o, z, z, e, i, f, e, b, o,$   
 $l, a, t, e, r, u, s, t, z, u, l$   
 $\backslash, d, e, u, z, e, n, o, p, h, i$   
 $z, h, e, r, ) z, u, s, t, u,$   
 $\sim, f, u, z, u, s,$   
 $d, z, u, z, u, r, e, o, p, p, o, ;$   
 $e, i, n, z, k, u, s, t,$   
 $i, s, t, r, o, n, g, h, e, i, t,$   
 $\sim, v, \sim, n - d, v, i, d,$   
 $\sim, z, u, v - l, v, i, c, u,$   
 $\sim, z, u, h, z, o, b, a, s, i, l,$

D: j 2 6 6 6 6 6 6 6  
m n d n (6) p m.  
d: - 6 6 6 6  
e o b a s - 6 6 6,  
c s t, 6 6 6 6 6,  
r z w e d, 6 6 6;  
c s j h l h s s  
i e g l 6 6,  
- s 6 6, s o n  
i n d d 2 6 6 6.

am:

1 6 6 6 6 6 6  
d 2 k 3, 2 6 6 6  
2 6 6 6 6 6 6 6  
o f 6 6 6 6 6 6 6  
c s k 5, 2 6 6 6  
s 6 6 6, s 6 6 6  
e 6 6 6 6 6 6 6  
~ 6 6 6 6 6 6 6,  
- D: 6 6 6 6 6 6 6 6,  
- f 6 6 6 6 6 6 6 6.

6:

e 6 6 6 6 6 6 6  
- m 6 6 6 6 6  
f o n 6 6, D: 2 6 6 6 6

1. — ) S' h h u;  
1. — 2, 2 e u t o b,  
) n i d 2 n a w e m u;  
1. i' 2 d p' a) S e b  
j ~ b e z z a n.  
— n, 2 d i d l,  
1. j r e - 2 d o g e a n  
— f u r o' 2 d i n e l l  
— b' d o j ~ n, u' p' m!  
h, c u ~ j u d z u,  
— n, d, h e r e!  
v' d, 2 i n d' p e r,  
l e 2 ~ n u d o.

an:

u l i, c a n t z,  
1. f r e) R e d r o s t,  
2. u g e h e l t' h,  
S e n r e 3, u'.  
S e n e d' z u l z o p  
s o p a, 2 l e g g t' p u i  
S e n u p, S e n e, 6 2,  
— n u) S e n u i  
c o' m o' d' z d,  
1. 4 5 4 2 e n z' 2 h  
— u' d' o ~ z u, i' b' b',  
2 d' - b e - 1 j o h i

62 ~ m, j g e l s p d,  
p h m, c 65 m m;  
6 f e n c l s r ) p d,  
- f e n r d, c 6 b m.  
e r r i! h i g, d,  
i, d p d, i n e l l!  
n r e z f r u t e z m  
c o p e y \_ - w b y / z e?  
c o n d i e r y \_ - d h i?

Q:

b e s ~ z p z e p o i - g l f h i?

an:

i o r ~ z, / d p g, v.

Q:

M ~ d u l c o z t e r?

an:

l ~ e, i s o c o  
j s p ~ o m d.

Q:

u m b e, c z c z z m o  
v z j o - m ~ z h i?  
- r i, - p ~ l z f e

so leide.

an:

10210 ~ gylci  
- m / c. 2130.

cf:

vz / e. m. 02  
j m<sup>m</sup> ve 2 ± 6 p.

an:

102100 - b. la 1 rff m,  
c. 1, 110 2 m, f. p. 1.

cf:

102100 ~ 10!

an:

102100 ~ 20 - m. p. d. es.  
1 m / - f. d. 1) 1 ~ 10,  
1 cel. 10 20 10.

cf:

102100 ~ 10!

am:

- in Gerd  
 $e_1, e_2, e_3, \dots, e_n$   
 $e_1, e_2, \dots, e_n$   
 $e_1, e_2, \dots, e_n$   
 Der Gegenstand:

U:

$e_1, e_2, \dots, e_n$   
 $e_1, e_2, \dots, e_n$

am:

$e_1, e_2, \dots, e_n$   
 $e_1, e_2, \dots, e_n$   
 $e_1, e_2, \dots, e_n$   
 $e_1, e_2, \dots, e_n$

$e_1, e_2, \dots, e_n$

STUDIENZIMMER

$U^2 \subset \mathbb{C}^2$  bzw.

U:

$\sigma \approx 1, \epsilon^{-1}$

$1, \dots, \sigma \approx 1$

$2, \dots, \sigma \approx 2$

$2, 5, \dots, \sigma \approx 1$

$\sigma \approx 2, \dots, \sigma \approx 1$

$2, \dots, \sigma \approx 1$

$1, \dots, \sigma \approx 1$

$1, \dots, \sigma \approx 1$

$\sigma \approx 1, \dots, \sigma \approx 1$

$\sigma \approx 1, \dots, \sigma \approx 1$

$\sigma \approx 1, \dots, \sigma \approx 1$

$\sigma \approx 1, \dots, \sigma \approx 1$

$\sigma \approx 1, \dots, \sigma \approx 1$

$\sigma \approx 1, \dots, \sigma \approx 1$

$\sigma \approx 1, \dots, \sigma \approx 1$

$\sigma \approx 1, \dots, \sigma \approx 1$

$\sigma \approx 1, \dots, \sigma \approx 1$

$\sigma \approx 1, \dots, \sigma \approx 1$

$\sigma \approx 1, \dots, \sigma \approx 1$

$\sigma \approx 1, \dots, \sigma \approx 1$



$\omega \in \mathbb{R}^n$ ,  
 $-\omega \in \mathbb{R}^n$ ,  
 $\omega \in \mathbb{R}^n$ ,  
 $\omega \in \mathbb{R}^n$ .

$\omega \in \mathbb{R}^n$ ,  
 $\omega \in \mathbb{R}^n$ ,  
 $\omega \in \mathbb{R}^n$ .

$\omega \in \mathbb{R}^n$ ,  
 $\omega \in \mathbb{R}^n$ ,  
 $\omega \in \mathbb{R}^n$ ,  
 $\omega \in \mathbb{R}^n$ ,  
 $\omega \in \mathbb{R}^n$ .

$\omega \in \mathbb{R}^n$ ,  
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$\omega \in \mathbb{R}^n$ ,  
 $\omega \in \mathbb{R}^n$ ,  
 $\omega \in \mathbb{R}^n$ ,  
 $\omega \in \mathbb{R}^n$ ,  
 $\omega \in \mathbb{R}^n$ ,  
 $\omega \in \mathbb{R}^n$ ,  
 $\omega \in \mathbb{R}^n$ ,  
 $\omega \in \mathbb{R}^n$ ,  
 $\omega \in \mathbb{R}^n$ .

22 p' d' s' h,

z' d' ~ L' u' s' - z' d' ) ~

ffu g: » P' n' b' r' a' e' e' t' ! «

x' f' u' , z' ! a' z' l' v' c' l' e' p' i

i' n' e' e' t' - z' p' r' a' z' z' u' ,

i' 20 - z' s' o' f' u' ,

c' i' s' z' o' b' l' i' e' n' u' v' .

ffu g: P' n' b' r' a' i' s' .

u' n' c' i' t' e' f' u' ,

e' e' l' e' n' ) / s' - !

· i' s' ; - z' o' o' u' t' - z' l' i' ?

- z' f' u' : P' n' b' r' a' i' n' !

e' , D' n' , z' o' o' f' u' ,

z' a' n' t' v' o' e' , e' i' a' t' u' r' .

v' a' l' l' - z' b' i' s' - z' o' o' i' , v' i

- z' e' p' t' : P' n' b' r' a' i' n' !

° i' z' e' e' p' u' l' e' r' ,

C' e' , - z' o' e' z' u' ,

- z' o' e' l' e' n' !

z' i' n' g' e' v' e' r' p' e' r

v' i' l' i' z' i' n' s' e' .

~ z' i' l' e' n'

z' o' i' f' u' z' e' l' e' .

p' u' z' i' e' r' b' l' i' s' ,

1. v. h, 2. l. u. d.  
u. c. 20102!  
n. e. m. p. p. i.  
- g. i. t. p. o. m. i.  
o' 2. l. e. r. - l.  
- d. ) 2. p. l.  
e. i. / o. 2. e. o. p. l.  
c. d. ~ p. d. U. 1. 10. 2. o!  
g. d. . o. ~ n. l. e. e.  
2. l. e. m. w. f. r. a. p. o.  
- !. e. y. b. v. p. o!  
l. 2. 2. u. 2. e. n. l.  
. o. ~ e. o. p. o. 2.

2. 6. : (s<sup>2</sup> n)  
e. n. p. r. i. s. i. !  
u. u. 2. o. , l. n. p. e. n. !  
o. p. e. o. i. l. o.  
p. t. ~ l. 2. e. n. d.  
u. u. l. l.  
g. u. 2. , g. u. 1. e.  
s. - 7.  
- . 2. ) ~ o. p. l.  
~ l. r. p. e. t. t.  
b. r. / o. p. i.  
e. n. u. s. e. n.  
g. d. / h. e. n.

4:

hjum<sup>2</sup>v,

W<sub>1</sub>~p~h:

ov<sup>o</sup>z,

er)ov,

ol p,

re)z.

ab/nt

int,

nd

-nf,

crnz

s,z.

pe<sub>2</sub>lv,

ov!

pe<sub>2</sub>g,

er!

~r~r~r~r~r,

ol!

u<sub>2</sub>ol,

ri!ri!

h<sub>2</sub>-v~z!

~o'ku  
 g/2<sup>2</sup>v.  
 -d'ny'v -hd'v<sub>i</sub>  
 ~o'ku/ov.  
 g°v'2v  
 g'v'g'v.

~o'ku  
 ~o'ku'2v?  
 -o'g'g'  
 ~o'ku  
 ~o'ku'g'v!

~o'ku'2v  
 ~o'ku'g'v!  
 ~o'ku'g'v!  
 ~o'ku'g'v,  
 ~o'ku'g'v,  
 ~o'ku'g'v,  
 ~o'ku'g'v!

~o'ku'g'v,  
 ~o'ku'g'v  
 ~o'ku'g'v,  
 ~o'ku'g'v.  
 ~o'ku'g'v!  
 ~o'ku'g'v!

g b, e, l, m o e s.  
n o d r e m s!  
w t /  
e e r o p e l l!  
w t /  
i g r o t r e m d!

u f l o h, n i r e l l, p e r o n l e r z g r o, a t <sup>2</sup> h  
e.

u f l o.

e j i n i c o g i <sup>2</sup> z u j e d?

u f:

e s a o l e m m!  
~ l e r o n g i <sup>2</sup> n o o d v. D.

u f l o.

n o r n ~ p t z u!  
n o v l e g p r d.

u f:

a n d e p d!

u f l o.

i h z / v m  
l i ; e c d - o M,

; dnt l'az,  
→ i'cod N.

6:

✓ 1, 2, 3, 4, 5, 6, 7, 8, 9, 10  
p. 10<sup>2</sup> n. 10,  
c. 1) y e z c b,  
cu 1) l'az, u, m z b.  
~ 2, a b e r?

df lo.

~ 1) l'az N,  
1) g e l o - g e r z j l.

6:

co. 2<sup>o</sup> ac / pnt?

df lo.

1) u' z b; g e n t!  
- e l' N; e u o, c o g t,  
• c l, e - f e r;  
e r u c; e l' y e.  
- e u o, c o r b e,  
d f, r y e l o n d,  
z n' s d.

4:

$e \sim \rho \sim \nu; - \rho \sim \nu \sim \nu?$

als Co.

$e \sim \rho \sim \nu, \nu$

c)  $\nu \sim \rho, \nu \sim \nu$

$\rho \sim \nu \sim \nu$

$\nu \sim \nu \sim \nu; \nu \sim \nu \sim \nu$

$\sim \nu \sim \nu, \nu \sim \nu$

$e \sim \rho, \nu \sim \nu$

$\sim \nu \sim \nu, \nu \sim \nu$

$- \nu \sim \nu, \nu \sim \nu, \nu \sim \nu$

$\nu \sim \nu \sim \nu$

$\nu \sim \nu \sim \nu, \nu \sim \nu \sim \nu$

$\sim \nu \sim \nu \sim \nu$

$\sim \nu \sim \nu \sim \nu$

$\sim \nu \sim \nu \sim \nu$

4:

$\nu \sim \nu \sim \nu \sim \nu$

$e \sim \rho \sim \nu \sim \nu$

$- \nu \sim \nu \sim \nu \sim \nu$

als Co.

$\nu \sim \nu \sim \nu \sim \nu$

c)  $\nu \sim \nu \sim \nu$

$e \sim \rho, \nu \sim \nu$



То, что  
1. обр. и др.  
2. кон. глас., глас., кон.  
присл. и др. - ре!  
- 2. обр. глас., - 2. обр. глас.,  
2. кон. глас.:  
обр. и др.!  
- пр. глас. - 2. обр. глас.  
- и, л, н, р, с, ш, ц!  
\d, 2. обр. глас.  
кон. глас. и др.,  
л, м, н, р, с, ш, ц!  
1, в, л, н, р, с, ш, ц,  
1, 2, 3, 4, 5, 6, 7, 8, 9, 0.

4:

- обр. и др. м,  
2. обр. глас. п,  
н, л, м, н,  
1) м, н, р, с!  
с, ш, ц, ю, у  
о, н, с, ш, ц!

5. 6.

1. обр. и др. м,  
1. обр. и др. м!  
обр. и др. м!

4:

121, 124, 125.  
124, 125, 126.  
127, 128, 129.  
130, 131, 132,  
~ 133, 134, 135.

136:

136, 137, 138,  
139, 140, 141,  
142, 143, 144.

4:

145, 146, 147,  
148, 149, 150,  
151, 152, 153,  
154, 155, 156.

136:

157, 158, 159,  
160, 161, 162,  
163, 164, 165.

4:

166, 167, 168,  
169, 170, 171,  
172, 173, 174.

df lo:

\text{Cent } 1, 0, 2 \text{ fhu}

, \text{D } 1 \text{ fhu}

\text{L } 1 \text{ } 2\_0

Q:

\text{D } 1 \text{ } 2\_0

df lo:

'i ~ \text{D } 1 \text{ } 2\_0

\text{C } 1 \text{ } 2\_0, \text{E } 1 \text{ } 2\_0

\text{E } 1 \text{ } 2\_0, \text{V } 1 \text{ } 2\_0

Q:

, \text{D } 1 \text{ } 2\_0

\text{E } 1 \text{ } 2\_0, \text{E } 1 \text{ } 2\_0

- \text{D } 1 \text{ } 2\_0, \text{V } 1 \text{ } 2\_0

df lo:

\text{C } 1 \text{ } 2\_0, \text{E } 1 \text{ } 2\_0

\text{E } 1 \text{ } 2\_0

\text{D } 1 \text{ } 2\_0

- \text{D } 1 \text{ } 2\_0

\text{D } 1 \text{ } 2\_0

\text{E } 1 \text{ } 2\_0

4:

— 6 2 2 ~ 2 2 2  
2 2 2 2 2 2 2

df lo:

h 0 2 2 2 2 2 2 2  
2 2 2 2 2 2 2

4:

1 2 2 2 2 2 2  
2 2 2 2 2 2 2  
~ 2 2 2 2 2 2 2  
2 2 2 2 2 2 2

df lo:

c 2 2 2 2 2 2 2  
2 2 2 2 2 2 2  
2 2 2 2 2 2 2  
2 2 2 2 2 2 2

4:

1 2 2 2 2 2 2  
2 2 2 2 2 2 2

df lo:

2 2 2 2 2 2 2  
2 2 2 2 2 2 2

o z h o r .  
c o e , j t z o b u ,  
i j u o b , i o b u ,  
z / ~ r o j u f .  
D e n p ' ) y u ,  
e ' e e r u j u ,  
- e y d ) e b .  
w s t a - l u ,  
w a n z , b u n !

z b :

j e t , l e r u  
c d z e u !  
j e z z  
l e ' e z  
n z !  
c u , l e r u  
c o n f u r !  
j u e l e r u  
v e r o u  
j u e l e .  
j u f o u  
z o b z u ,  
j u e l e z  
j u x .  
o v e n z  
l e m z ;

-`pa

lwe ve

en, se,

en, a,

c) b m,

d, p m,

se m.

u u!

f b m!

b h

g f no u t

ve n t,

g f u b

j ve c,

ve p m,

e f,

o, z z

z) m,

v j on

j o p t

we z.

-e p.

g h) c,

em' o,

em ~ z m

re m,

i) s c m

2000h;  
C122u  
Dye 200,  
S~2  
WPC 200,  
1) R 200  
-ff 200  
~R 200  
S122,  
R 200  
S100,  
R 200;  
-f 200,  
-f 200  
WPC 200,  
S~200

df Co.

、200! — R, r 200 200!  
r 200 200!  
l 9 200 200 — 200  
e 200 200, ~ 200 200!  
200 200 200,  
200 200 — 200 200;  
200 200 200,  
200 200 200.  
1 200 200,

ggf - x - r -> v2m.

`x` `v` - `z`<sub>0</sub>

`b`<sub>0</sub>, `l`<sub>0</sub>, `c`<sub>0</sub>, -

W<sub>0</sub>, D<sub>0</sub> / on

- r<sub>0</sub> / W<sub>0</sub>,

- v<sub>0</sub>, b<sub>0</sub> - u<sub>0</sub> m

es n<sub>0</sub> d<sub>0</sub> g<sub>0</sub> z<sub>0</sub> p<sub>0</sub>!

- h<sub>0</sub> c<sub>0</sub> v<sub>0</sub>!, g<sub>0</sub>!, v<sub>0</sub> l<sub>0</sub>!

b<sub>0</sub> d<sub>0</sub> y<sub>0</sub> m<sub>0</sub> i<sub>0</sub> n<sub>0</sub> t<sub>0</sub>.

I<sub>0</sub> ~ v<sub>0</sub>, - p<sub>0</sub> p<sub>0</sub> m<sub>0</sub>

n<sub>0</sub>, l<sub>0</sub>, L<sub>0</sub> l<sub>0</sub>!, r<sub>0</sub> s<sub>0</sub> e<sub>0</sub>.

6: (v<sub>0</sub> l<sub>0</sub>)

v<sub>0</sub>, e<sub>0</sub> v<sub>0</sub> v<sub>0</sub> l<sub>0</sub> n<sub>0</sub>!

g<sub>0</sub> e<sub>0</sub> - v<sub>0</sub> b<sub>0</sub> / r<sub>0</sub>

e<sub>0</sub> v<sub>0</sub> ~ h<sub>0</sub> ~ l<sub>0</sub> l<sub>0</sub> p<sub>0</sub> n<sub>0</sub>,

- e<sub>0</sub> ~ l<sub>0</sub> v<sub>0</sub> g<sub>0</sub>!



# STUDIENZIMMER

U. v. l. l. o.

U:

- n! 2! a - v e l n!

v. l. o.

v. o.

U:

2!

v. l. o.

g r b - v o n.

U:

2 n!

v. l. o.

- f u d g v.

1<sup>n</sup>, 2<sup>l</sup>, 3<sup>l</sup>, 4<sup>l</sup>, 5<sup>l</sup>, 6<sup>l</sup>, 7<sup>l</sup>, 8<sup>l</sup>, 9<sup>l</sup>, 10<sup>l</sup>, 11<sup>l</sup>, 12<sup>l</sup>, 13<sup>l</sup>, 14<sup>l</sup>, 15<sup>l</sup>, 16<sup>l</sup>, 17<sup>l</sup>, 18<sup>l</sup>, 19<sup>l</sup>, 20<sup>l</sup>, 21<sup>l</sup>, 22<sup>l</sup>, 23<sup>l</sup>, 24<sup>l</sup>, 25<sup>l</sup>, 26<sup>l</sup>, 27<sup>l</sup>, 28<sup>l</sup>, 29<sup>l</sup>, 30<sup>l</sup>, 31<sup>l</sup>, 32<sup>l</sup>, 33<sup>l</sup>, 34<sup>l</sup>, 35<sup>l</sup>, 36<sup>l</sup>, 37<sup>l</sup>, 38<sup>l</sup>, 39<sup>l</sup>, 40<sup>l</sup>, 41<sup>l</sup>, 42<sup>l</sup>, 43<sup>l</sup>, 44<sup>l</sup>, 45<sup>l</sup>, 46<sup>l</sup>, 47<sup>l</sup>, 48<sup>l</sup>, 49<sup>l</sup>, 50<sup>l</sup>, 51<sup>l</sup>, 52<sup>l</sup>, 53<sup>l</sup>, 54<sup>l</sup>, 55<sup>l</sup>, 56<sup>l</sup>, 57<sup>l</sup>, 58<sup>l</sup>, 59<sup>l</sup>, 60<sup>l</sup>, 61<sup>l</sup>, 62<sup>l</sup>, 63<sup>l</sup>, 64<sup>l</sup>, 65<sup>l</sup>, 66<sup>l</sup>, 67<sup>l</sup>, 68<sup>l</sup>, 69<sup>l</sup>, 70<sup>l</sup>, 71<sup>l</sup>, 72<sup>l</sup>, 73<sup>l</sup>, 74<sup>l</sup>, 75<sup>l</sup>, 76<sup>l</sup>, 77<sup>l</sup>, 78<sup>l</sup>, 79<sup>l</sup>, 80<sup>l</sup>, 81<sup>l</sup>, 82<sup>l</sup>, 83<sup>l</sup>, 84<sup>l</sup>, 85<sup>l</sup>, 86<sup>l</sup>, 87<sup>l</sup>, 88<sup>l</sup>, 89<sup>l</sup>, 90<sup>l</sup>, 91<sup>l</sup>, 92<sup>l</sup>, 93<sup>l</sup>, 94<sup>l</sup>, 95<sup>l</sup>, 96<sup>l</sup>, 97<sup>l</sup>, 98<sup>l</sup>, 99<sup>l</sup>, 100<sup>l</sup>.

e r o, 1<sup>l</sup>, 2<sup>l</sup>, 3<sup>l</sup>, 4<sup>l</sup>, 5<sup>l</sup>, 6<sup>l</sup>, 7<sup>l</sup>, 8<sup>l</sup>, 9<sup>l</sup>, 10<sup>l</sup>, 11<sup>l</sup>, 12<sup>l</sup>, 13<sup>l</sup>, 14<sup>l</sup>, 15<sup>l</sup>, 16<sup>l</sup>, 17<sup>l</sup>, 18<sup>l</sup>, 19<sup>l</sup>, 20<sup>l</sup>, 21<sup>l</sup>, 22<sup>l</sup>, 23<sup>l</sup>, 24<sup>l</sup>, 25<sup>l</sup>, 26<sup>l</sup>, 27<sup>l</sup>, 28<sup>l</sup>, 29<sup>l</sup>, 30<sup>l</sup>, 31<sup>l</sup>, 32<sup>l</sup>, 33<sup>l</sup>, 34<sup>l</sup>, 35<sup>l</sup>, 36<sup>l</sup>, 37<sup>l</sup>, 38<sup>l</sup>, 39<sup>l</sup>, 40<sup>l</sup>, 41<sup>l</sup>, 42<sup>l</sup>, 43<sup>l</sup>, 44<sup>l</sup>, 45<sup>l</sup>, 46<sup>l</sup>, 47<sup>l</sup>, 48<sup>l</sup>, 49<sup>l</sup>, 50<sup>l</sup>, 51<sup>l</sup>, 52<sup>l</sup>, 53<sup>l</sup>, 54<sup>l</sup>, 55<sup>l</sup>, 56<sup>l</sup>, 57<sup>l</sup>, 58<sup>l</sup>, 59<sup>l</sup>, 60<sup>l</sup>, 61<sup>l</sup>, 62<sup>l</sup>, 63<sup>l</sup>, 64<sup>l</sup>, 65<sup>l</sup>, 66<sup>l</sup>, 67<sup>l</sup>, 68<sup>l</sup>, 69<sup>l</sup>, 70<sup>l</sup>, 71<sup>l</sup>, 72<sup>l</sup>, 73<sup>l</sup>, 74<sup>l</sup>, 75<sup>l</sup>, 76<sup>l</sup>, 77<sup>l</sup>, 78<sup>l</sup>, 79<sup>l</sup>, 80<sup>l</sup>, 81<sup>l</sup>, 82<sup>l</sup>, 83<sup>l</sup>, 84<sup>l</sup>, 85<sup>l</sup>, 86<sup>l</sup>, 87<sup>l</sup>, 88<sup>l</sup>, 89<sup>l</sup>, 90<sup>l</sup>, 91<sup>l</sup>, 92<sup>l</sup>, 93<sup>l</sup>, 94<sup>l</sup>, 95<sup>l</sup>, 96<sup>l</sup>, 97<sup>l</sup>, 98<sup>l</sup>, 99<sup>l</sup>, 100<sup>l</sup>.

v o e r l n x,

2 n, 2 a b l n e,

e r n h l g r o e,

1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100.

2 2 2 2, 2 2 2 2,  
- 2 2 2, 2 2 2 2,  
2 2 2 2 2 2 2 2;  
2 2, 2 2 2, 2,  
2 2, 2 2 2 2.

6:

2 2 2 2 2 2 2 2  
2 2 2 2 2 2 2 2  
2 2 2 2, 2 2 2 2,  
2 2 2 2 2 2 2 2.  
2 2 2 2 2 2 2 2?  
2 2 2 2! 2 2!  
2 2 2 2 2 2,  
2 2 2 2 2 2 2 2,  
2 2 2 2 2 2 2 2.  
2 2 2 2 2 2 2 2,  
2 2 2 2 2 2 2 2,  
2 2 2 2 2 2 2 2  
2 2 2 2 2 2 2 2  
2 2 2 2 2 2 2 2.  
2 2 2 2 2 2 2 2,  
2 2 2 2 2 2 2 2

Des'n b'put,  
D'ce de L'z ju.  
'z; v' p'ced,  
n' d'z n' d'v;  
's' en' r' d' d' L,  
' n' d' d' i' v;  
- v' e' e' s' b,  
' L' e' s' d', e' n' v' s' b.

df. lo.

- d' i' v' e' n' y' e' n' i' n' s' b.

6:

- s' d' ; ' 2' p' b' s' y  
i' k' m' e' n' r' i' g' l' s' e' i,  
~ , d' y' a' b' s' y,  
z' s' o' r' d' e' r' s' b' e' i!  
- c' i' , e' s' s' e' r' d' o' l' l  
y' d' , s' o' l' e' s' p' e' n'!

df. lo.

- d' s' h' e' n' d' o' l' l,  
z' h' e' n' d' , l' e' p' h' e' i

6:

e' g' e' n' , z' i' e' s' b.

df lo:

$\partial^2 v_{,1}; \partial f \cdot v_{ab}$

4:

$c^2 \rho_{,1} \rho$

$\sim \rho_{,1} \rho_{,1} \rho_{,1}$

$\sim \rho_{,1} \rho_{,1} \rho_{,1}$

$2 \rho_{,1} \rho_{,1} \rho_{,1}$

$\sim \rho_{,1} \rho_{,1} \rho_{,1}$

$2 \rho_{,1} \rho_{,1} \rho_{,1}$

$\sim \rho_{,1} \rho_{,1} \rho_{,1}$

$2 \rho_{,1} \rho_{,1} \rho_{,1}$

$\rho_{,1} \rho_{,1} \rho_{,1}$

$\rho_{,1} \rho_{,1} \rho_{,1}$

$\rho_{,1} \rho_{,1} \rho_{,1}$

$\rho_{,1} \rho_{,1} \rho_{,1}$

$\rho_{,1} \rho_{,1} \rho_{,1}$

$\rho_{,1} \rho_{,1} \rho_{,1}$

$\rho_{,1} \rho_{,1} \rho_{,1}$

$\rho_{,1} \rho_{,1} \rho_{,1}$

$\rho_{,1} \rho_{,1} \rho_{,1}$

$\rho_{,1} \rho_{,1} \rho_{,1}$

$\rho_{,1} \rho_{,1} \rho_{,1}$

$\rho_{,1} \rho_{,1} \rho_{,1}$

$\rho_{,1} \rho_{,1} \rho_{,1}$

$\rho_{,1} \rho_{,1} \rho_{,1}$

$\rho_{,1} \rho_{,1} \rho_{,1}$

- 0 - er'pe!

2b, 2: (flr)

0! 0!

9 2 6 ff ✓

1, 2 ~ d,

2 2 0 2 6;

6 ff, 6 ff!

~ 2 2 2 1 2 6 ff!

1 h

1, 2 ~ 10 / 2 4,

- 2 2

8, 1 ~ 2 2 2.

2 2 2

2 2 2 2,

2 2 2

4 2 6 E,

2 2 2 2 2 2 2 2!

~ 2 2 2 2

2 2,

2 2 2 2,

- 2 2 2

2 2 2!

2 2 2 2.

9 2, 2 2 2

2 ~ 2 2.

2v, a/b - m  
h/b m!  
z/d c,  
e' a  
c o - d f m,  
- b d m.

2 s, z e h j p;  
, a ~ z u, o r a u b;  
, f b p f b d b;  
e e ~ u g z u g b.  
d - b / p  
d l e c j f o.  
1 v ~ s ~ z o;  
d - e, z v ~ l,  
e f s m m,  
- v, d m d m,  
e j o, s' f.  
1 v e p,  
- v, e s,  
v, e o, v e m!

6:

- c o, e n e b m!

df Co.

ey 2 2 ~ n b.

6:

~ ~ ~ ! ~ ~ ~ ~ n b

- 4 / ~ ~ ~ ~ ~

co ~ ~ ~ ~ ~

f, w ~ ~ ~ ~ ~

~ ~ ~ ~ ~

df Co.

~ ~ ~ ~ ~

sen on / ~ ~ ~ ~ ~

cr ~ ~ ~ ~ ~

~ ~ ~ ~ ~

6:

ed ~ ~ ~ ~ ~

z ~ ~ ~ ~ ~

i ~ ~ ~ ~ ~

o ~ ~ ~ ~ ~

- ~ ~ ~ ~ ~

n ~ ~ ~ ~ ~

en ~ ~ ~ ~ ~

ed ~ ~ ~ ~ ~

~ ~ ~ ~ ~

- ~ ~ ~ ~ ~

~ u a s n.

df lo.

z r b ~ e; m.

w e d; e; z r m,

z l e z r d s,

m o; c o d m u p s.

6:

c o - e m l l m?

a e o u p z b, z o z z z f u,

f e o z l l b?

d e e f o, l o t, o

e y w o z e, e - b,

E b z, o z i x f u,

~ p, l z m z p l,

~ r e h, e z z l f

z - m j z d u) w e,

z z z z m b,

z o ~ m, g e n

f r v, b, l, o z o l l,

- l z, i) m ~ d u!

df lo.

~ z s h z d l,

z z y n o n.

d, z l o, f ~ d d z,



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6:

1. 1000 1000 1000

2. 1000 1000

3. 1000 1000

4. 1000 1000

5. 1000 1000

6. 1000 1000

7. 1000 1000

8:

1000

6:

1000

1000

1000

1000

1000

1000

1000

1000

1000

df Co:

un - c, r<sup>co</sup> / no.

U:

eyey ~ co lb;

12 P/ll no.

o, u, v, m, b,

re, co h, e co.

df Co:

r<sup>c</sup> z z z, u e z o,

son z ll b.

→ d m r no e p h o

u, v ~ G f o e

U:

D co p h o l e t e C e t?

e y z o r u, l u o d p u t?

p / p, e r f l o c d

s d o z z m z t?

b l, d z e n f u l,

- d o ~ p h z t?

d r c i s r o z y t,

a r o) m e t h u?

u d, a l z ~ p l o h,

m h i r t p z i

e ~ C o m d, p h - u t,

-  $\int \dots$ ,  $\dots$   
 e...  
 ...  
 ...  
 ...  
 ...  
 ...

df: ...

...  
 ...  
 ...  
 ...

U:

...  
 ...

df: ...

... ..

U:

...  
 ...  
 ...  
 ...

20202020,  
v p b), na  
o eno leif o  
v n r u r o o.  
o z ~ h i o  
J p e e l e f p u!  
z p h i n p u z u  
- l e o c e z u!  
g p i s z e y i f,  
n o u n i u n j!  
e s v e z y - p o,  
p u - s o  
z u d o n, o - n;  
- 5 u n j - u.

u f l o.

l i n u o - p p f.  
u i s, z j p u,  
p l a n n o j p u,  
u r s c, c o s j p f.  
- 2 l v j - e l e!

l f:

g z v b h, l e i l, e.  
z h c s, v l, z p b p o,  
u r n o, l v e r u o.  
z u o, l o o n p l;

° ~ z p n l l ) p o ,  
- c i z p z p p l ;  
- 1 2 z z m b p o ,  
z z z b e z l l - l l z l ,  
^ c - o s z z l o z l ,  
- z z b j m b c ~ ,  
- , o b b , n c p , p ~ .

df lo:

- z v ; z l l o c l  
~ z z p o m  
e s - o l / w  
~ z z ~ z z z e l !  
z z z , z z z  
• l ~ z p l !  
\ b e l ) z z z z z  
z z , z , b l p l ,  
- z z z p n - l l .

6:

~ 1 !

df lo:

e b ) z z !  
z z ~ z z z :  
z z z z z z z z  
z e l , z p z z z .

o g u l / 2 2 C u u,  
b ~ z u ~ p u n g l e,  
- e e e l t h  
s ~ u n g / 2 l,  
o ~ u u,  
o ~ g o g u l,  
o ~ p u o l / 2 l,  
o ~ e o l t h.  
b r s e p u o l e,  
2 b 1 - s b j u e,  
- / 2 c u e t r o t h,  
D / 2 C u j e.  
2 b 9 ~ z u u u,  
s' ~ z u u u o o u u.

6:

c o u r e, c - / 2 2;  
' z u p u n u j u u;  
D - j - e b u u?

u f l o:

e b a r e ~ c o e b.  
o g e l u u s t u u u u,  
o g e l o s u s s o n,  
e u b e d u, c o e b.



4:

obren?

df lo:

rmnl.

coel ~ wlt?

coebel ~ mb,

]-, hont?

oget ~ dnc!

co-efefsjpca?

et, coe dñ,

etg ~ uel on.

2, ~ s? n!

4:

v b/zn, r/oz.

df lo:

re nca r,

el/ f b r.

re, rve ~ - r;

ro ror rbf.

re r)







$-z \sim \text{osc}, s \sim \text{osc},$   
 $M \sim 2m, \partial^2 \sim \text{osc}.$

*alg. Co.*

$e \sim \text{osc} \rightarrow s \sim \text{osc}$   
 $- \text{osc} \sim \text{osc} \sim \text{osc}$   
 $1/2 \text{ osc} \sim \text{osc}$   
 $\partial \text{ osc} \sim \text{osc}$   
 $- \text{osc} \sim \text{osc}$   
 $2 \text{ osc} \sim \text{osc}$

*gen.*

$\sim M \sim 2m, \partial^2 \sim \text{osc}$   
 $\partial \text{ osc} \sim \text{osc}$

*alg. Co.*

$\text{osc} \sim \text{osc}, \text{osc} \sim \text{osc}$   
 $\text{osc} \sim \text{osc}$

*gen.*

$1 \text{ osc} \sim \text{osc}$   
 $- \text{osc} \sim \text{osc}$   
 $- z^2 \text{ osc}; \text{osc}$   
 $1 \text{ osc} \sim \text{osc}$

df Co:

e<sup>1</sup> r s' h p;  
201 r 1 f h o.

gr:

1 v a 2 o - s;  
2 l s v m  
~ w l s - f h  
~ z n o u l m.

df Co:

n' f , 6 n - p s m;  
2 r a z t s f p m.  
2 l l e o , 1 v s h  
p z m m.  
e s' - 2 b s c e b ,  
2 f s f h e ~ p p ,  
e . u l l m - h  
2 g f , p o n t e r ,  
- 1 x o , 1 r y - E ,  
N l o 2 - 2 .  
e m n s u l h n ,  
e , c o r o n d s ~ p  
p u , o o - h u l ,  
~ d f ! e ! e ~ n - .  
p b i p u l l e  
o r r a n z b y ,

c ~ Hsele d,  
1, 2, 2, 2, 2,  
1, 2, 2, 2,  
~ Hsele d.  
- b o l; H2  
- u b s, - v b - o:  
e b c -, e f -,  
- e e d - H -;  
- c e d - f l c,  
e d - H c - m.  
e b o, 2, 2, 2,  
2, 2, 2, 2.  
c - c o s o s m - d f u,  
d b ~ 2 b 2 o j l u,  
e d, 1, 2, 2, 2, 2,  
l, e! - e 2 b v e.  
D o s m m i, 2 u,  
g u m b - c o / o.

20:

~ Hsele d.

21: 20.

e' 2 b 2 o 2 u,  
c r m e o e g u  
- p d n o .

ju:

v'f'z - e,

or, v ~ v'f'z

uf'lo:

D, ~ en h D,

or ~ v'f'z

e, or, e'f'z

coz'z'z'z'z'

l'co'z'z'z'z'

~ M'c'f'z

e'f'z

or'z'z'z'z'

l'co'z'z'z'z'

~ M'c'f'z

or'z'z'z'z'

l'co'z'z'z'z'

or'z'z'z'z'

e'f'z, or'z'z'z'z'

or'z'z'z'z'

or'z'z'z'z'

ju:

e'f'z

or'z'z'z'z'

e, coz'z'z'z'z'

or'z'z'z'z'

alg. Co.

2 d/v - last

gr:

1/2 p/a ~ 1/2/1/2

alg. Co.

1/2 - 1/2 - 1/2/1/2

1/2, 1/2 - 2/2 ~ 1/2

1/2 - 1/2 - 1/2

1/2 - 1/2 ~ 1/2

1/2 (1/2) 1/2

1/2 - 1/2 - 1/2

1/2 (1/2) 1/2

1/2, 1/2 ~ 1/2

1/2, 1/2 ~ 1/2

1/2; 1/2 ~ 1/2

gr:

1/2 - 1/2 - 1/2

1/2; 1/2 ~ 1/2

1/2 - 1/2 - 1/2

alg. Co.

1/2 (1/2) 1/2

1/2 + 1/2 (1/2)

1/2 - 1/2 ~ 1/2

- Star Trek,   
 - Singspiele,   
 - 1980er, 1990er,   
 - 2000er,   
 - 2010er,   
 - 2020er,   
 - 2030er,   
 - 2040er,   
 - 2050er,   
 - 2060er,   
 - 2070er,   
 - 2080er,   
 - 2090er,   
 - 2100er.

gen:

2020er, 2030er.

2020er.

2020er, 2030er,   
 2040er,   
 2050er,   
 2060er,   
 2070er,   
 2080er,   
 2090er,   
 2100er.

gen:

2020er, 2030er,   
 2040er,   
 2050er,   
 2060er,   
 2070er,   
 2080er,   
 2090er,   
 2100er.



$c_2 \sim b_2 \rightarrow 3$   
 $b_2 \sim c_2 \rightarrow b_2$

~~def~~  $Co. (L)$

$1. v \circ L \circ m \circ L \circ m \circ \sigma$

$2. \in \mathbb{N} \sim L \circ \mu$

(1)

$\cdot 2 \cdot \text{ref} : \mathbb{N} / \sim$

$\wedge \text{ref} : \mathbb{N} \rightarrow \mathbb{N} / \sim$

$2 - n \in \mathbb{N} / \sim$

$\circ 2 \cdot \text{ref}$

$m_0, e \wedge \text{ref} \circ \mu \circ \mu$

$\sim \text{ref} \circ \mu \rightarrow \text{ref} \circ m_0$

$\partial \sim \text{ref} \circ \mu$

$e \cdot \text{ref}$

$\wedge \text{ref} \circ \mu \circ \mu$

$\sim \text{ref} \circ \mu \circ \mu$

$- c \wedge \text{ref} \circ \mu$

$\text{ref} \circ \mu$

$\circ \text{ref} \circ \mu$

$\cdot \wedge \text{ref} \circ \mu$

$- \text{ref} \circ \mu$

$\circ \text{ref} \circ \mu \circ \mu$

$- c \wedge \text{ref} \circ \mu \circ \mu$

$e \wedge \text{ref} \circ \mu$

$\sim \text{ref} \circ \mu \circ \mu$

$e \rightarrow \text{ref} \circ \mu \circ \mu$

$\gamma \sim i \text{ Wren Dendroica}$ ,  
 $v \sim i \text{ S. L. H. L.}$ ,  
 $\text{gelen c. j. m.}$ ,  
 $- \text{W. b. 2 L. 11. 20.}$ ,  
 $\text{c. 2. j. m. 20.}$ ,  
 $\text{j. 2. 0. 6. 1.}$

*ju:*

$e \text{ } \gamma \text{ } W \text{ } \text{d. } 2 \text{ } \text{d. } \text{c. } - \text{d.}$

*df lo:*

$\text{h. L. L. C. i. e. u.}$ ,  
 $- \text{h. } \text{L. } \text{C. } \text{i. } \text{e. } \text{u.}$

*ju:*

$\text{1. } \text{2. } \text{3. } \text{4. } \text{5. } \text{6. } \text{7. } \text{8. } \text{9. } \text{10.}$   
 $\text{all. } \text{1. } \text{2. } \text{3. } \text{4. } \text{5. } \text{6. } \text{7. } \text{8. } \text{9. } \text{10.}$   
 $\text{1. } \text{2. } \text{3. } \text{4. } \text{5. } \text{6. } \text{7. } \text{8. } \text{9. } \text{10.}$

*df lo:*

$\text{c. } \text{1. } \text{2. } \text{3. } \text{4. } \text{5. } \text{6. } \text{7. } \text{8. } \text{9. } \text{10.}$

*ju:*

$\text{1. } \text{2. } \text{3. } \text{4. } \text{5. } \text{6. } \text{7. } \text{8. } \text{9. } \text{10.}$   
 $\text{1. } \text{2. } \text{3. } \text{4. } \text{5. } \text{6. } \text{7. } \text{8. } \text{9. } \text{10.}$   
 $\text{2. } \text{3. } \text{4. } \text{5. } \text{6. } \text{7. } \text{8. } \text{9. } \text{10.}$

df lo:

o c.

\ f d - n.

gr: (b)

n° 84 lo, 84 to L r 1 2 r.

n n n j - g / j.

df lo:

L r - 2 f p - 2 m i g r.

a' p ~ r e r r r r r r!

q h s.

q:

c a ° - n n i!

df lo:

c a - o f l.

r o z i n n e i l o d.

i c h l e, c h y

' e ~ n o r g y!

q:

n n n n n

l v, l n o d.

- ' v - d / z n;

16 ~ 12, 12/20.

~ 12, 12 ~ 20;

12/20.

12/20:

~ 12, 12/20;

~ 12, 12/20, 12/20.

12/20:

~ 12, 12/20?

~ 12, 12/20 - 20?

12/20:

~ 12, 12/20,

~ 12, 12/20.

~ 12, 12/20

~ 12, 12/20.

~ 12, 12/20, 12/20,

~ 12, 12/20.

~ 12, 12/20, 12/20;

~ 12, 12/20!

AUERBACHS KELLER IN LEIPZIG

*Handwritten signature*

*lg:*

- *Handwritten scribble*

- *Handwritten scribble*

- *Handwritten scribble*

- *Handwritten scribble*

*ben:*

*Handwritten scribble*

*Handwritten scribble*

*lg: (Handwritten scribble)*

*Handwritten scribble*

*ben:*

*Handwritten scribble*

*lg:*

*Handwritten scribble*

*lg:*

*Handwritten scribble*

*Handwritten scribble*

*Handwritten scribble*

res:

$\omega v, \omega v$

$\omega v, \omega v$

6:

ce f e E p l,

l e n t R o i o k e p l.

lg:

$\omega v, \omega v$

$\omega v, \omega v$

res:

$\omega v, \omega v$

lg:

$\omega v, \omega v$

$\omega v$

$\omega v, \omega v$

$\omega v, \omega v$

res:

$\omega v, \omega v$

$\omega v, \omega v$

$\omega v, \omega v$

$\omega v, \omega v$

$\omega v, \omega v$

dropten walden;  
r - - - - -  
r b, d - - -  
~ - - - -

by: (v)

g r s, h - - -  
w v - - -

b:

v - - - - -

by:

v - - - - -  
v - - - - -  
v - - - - -  
v - - - - -  
v - - - - -

b:

h, b, v - - - - -  
v - - - - -  
b v - - - - -  
v - - - - -  
v - - - - -  
v - - - - -  
v - - - - -

~ 12 m. 1000 - 4

• 1, 0 ~ 1/2

1 - 1 ~ 2/3 00,

0 1, 10 ~ 1/2 00

1000: (1 ~ 1/2 1000)

1000! 1000! p 1000!

1 2 3, 4, 5 1000

1000 ~ 1000,

- 1000, 1000,

1000 1000 1000

1000! ~ 1000 1000!

- 1000 ~ 1000 1000!

1000.

- 1000 1000 1000,

1000 ~ 1000 - 1000,

1000 ~ 1000 1000,

1000 1000.

1000 1000 1000;

1000 - 1000 1000,

1000 1000 1000.

2000: (1/2 1000)

1000 1000 1000.



ben:

6 l e 2, 6 l e 2,  
 - o l e n p f,  
 f d', f y, e n y 2,  
 - i r d n p f,  
 6 l e n u l h n d f h,  
 u e l e n r p r,  
 s - i - h p n.

2<sub>0</sub>:

s - i - h p n.

ben:

6 n e n d n 2 n n  
 - i p h,  
 6 n ~ x e - h, - n,  
 - i u n p h i  
 e n n, n n 2:  
 2: 6 l e n y f n,  
 s - i - h p n.

2<sub>0</sub>:

s - i - h p n.

6:

a), G u n g l i:  
 - i r - h n d,

~ n n n n / f z!

ben:

o p c o z e z d!

ren:

`z d z` n n c!

e p r r n p - v!

\ o z` p n n!

o z y n n n n!

lf - lf l o k s

lf lo:

z o p n n n n

z o p n n n,

o e b, o n n n b.

z L n n' t e n n b.

z o p n - b n n

e n t e n ) n n n n n,

o h n n n n n.

o b / x n n n n n,

— n i d — c n n,

z o n n - p o n n.

ben:

$1 \sim 2 \sim 3 \sim \dots$

$2 \sim 3 \sim 4 \sim \dots$

$3 \sim 4 \sim 5 \sim \dots$

by:

$1 \sim 2 \sim 3 \sim 4 \sim 5 \sim \dots$

$2 \sim 3 \sim 4 \sim 5 \sim \dots$

b:

$1 \sim 2 \sim 3 \sim 4 \sim 5 \sim \dots$

by:

$1 \sim 2 \sim 3 \sim 4 \sim 5 \sim \dots$

$2 \sim 3 \sim 4 \sim 5 \sim \dots$

$3 \sim 4 \sim 5 \sim 6 \sim \dots$

$4 \sim 5 \sim 6 \sim 7 \sim \dots$

$5 \sim 6 \sim 7 \sim 8 \sim \dots$

ben:

$1 \sim 2 \sim 3 \sim 4 \sim 5 \sim \dots$

ben:

L.

lg:

~ R, 1, 2, 6!

alg. lo. (y/b)

~ L, g, p, e, L, o, h, n,

- c, b, v, r, m, z.

lg:

~ e, 5, p, b, 1, 2, 2!

lg:

~ e, m, j, n, b.

~ o, alg. lo. f, o, r, e.

~ c, o, n, t, i, n, u, o, u, s, l, o, g?

alg. lo.

~ i, v, d, 5, D, j, 7, 9, 2?

~ g, 1, o, 2, h, e, ~ 2, 1, 2, 1

~ o, 1, p, 1, 5, 4, 1.

res:

~ g, 1, ~ o, c, e, d, u.

lg:

~ 1, e, g, 1, 5, p, 5, 1, 2?

~ 1, 1, 2, 2, 2, 2, 1, 1, 1, 2, 6?

df Co:

$27^2 r r$  up!

$12 r e p k f 2$

Son f m c b f j o n,

f 703, 5 r t e r g h n

~ d j n l y.

res: (✓)

e r e g o! \ y d!

u:

~ e l m a l!

h:

~ a t \ , 1 r d r g!

df Co:

$c_1 / N, 2 \sqrt{r}$

$\mu g u 2_0 o m?$

$\rho, \rho_2 o k e x$

S e c e y E r m!

h:

~ e r c m ~ h 4 o?

df. 60:

$\sim \dots$

df. 61:

$\dots$

df. 62:

$\dots$

63:

$\dots$

df. 64:

$\dots$

$\dots$

$\dots$

65:

$\dots$

$\dots$

df. 66: (67)

$\dots$

$\dots$

$\dots$

soo mon:  
e. l. o. z. e.,  
z. e. n. z.:  
e. v. o. z. l. u. n. e.  
- v. o. z. o. n.!

ben:

so - 1, 2 z. e. p. h.,  
e. v. o. z. l. u. n. e.,  
- e. - k. o. n. t. r. o. l. l.;  
i. z. o. n. t. r. o. l. l.!

df. lo:

z. o. l. - z. o. l.  
a. n. n. y. e.  
z. v. e. s. t. n. e.,  
i. n. n. y. e.  
- a. n. n. y. e.,  
- i. n. n. y. e.  
e. v. o. z. l. u. n. e.  
z. v. e. s. t. n. e.  
- z. v. e. s. t. n. e.,  
i. n. n. y. e.,  
i. n. n. y. e.,  
z. v. e. s. t. n. e.,  
- a. n. n. y. e.,  
- a. n. n. y. e.

mm-yu  
d2, c-gd.

2<sub>o</sub>: (dye)

mm-yu  
d2, c-gd.

4j:

ka!ka!cazu!

6:

—°-terls rü!

6a:

gd, br-wob!

6ca:

-a, b)!-a'c!

6cb:

shrm ~ so, l'g'j'm,  
c ~ c ~ b'w'c.

6c:

rzn e/εzn!



df Co:

1.  $bl \rightarrow ; d(y_1)$ ;  
 $\rightarrow d_2, d_1, d_2$   
 $\rightarrow d_1, d_2, d_1$ .

6:

$\rightarrow d_1, d_2, d_1$ .

6j:

$d_1 \sim d_2, d_1 \sim d_2$   
 $\rightarrow d_1, d_2, d_1$   
 $d_1, d_2, d_1$ ;  
 $d_1, d_2, d_1$ .

res: (✓)

$d_1, d_2, d_1$ .

df Co:

$d_1 \sim d_2$ !

ben:

$d_1, d_2, d_1$ ;  
 $d_1, d_2, d_1$ !

res:

$d_1, d_2, d_1$ .

df Co: (nd ~ un. / kg)  
~ ot, co oyg / jzn?

kg:

o r ~ / e ~ / ~ wh?

df Co:

1 f ~ r ten l.

res: (y kg)

st. y b d j n, i h r y n.

kg:

2: C, C, °, —, 1, 2 = C 2.

e h w e / , e b n.

df Co: (n ~ 2 (y, C kg d,

~ / ~ p r e l)

g h ~ w / d o, l e h ~ / j r h!

res:

D, e ~ y j r o h.

df Co: (y / e r)

— / ?

ben:

$\rightarrow$   $\rho$   $\rightarrow$   $c$   
-  $\rho$   $\rightarrow$   $c$ ,  $\rho$ !

df  $\rho$   $\rightarrow$   $c$ ;  $\rightarrow$   $\rho$   $\rightarrow$   $c$ ,  $\rho$   $\rightarrow$   $c$   
 $\rho$  -  $\rho$ .

ben:

$\rho$   $\rightarrow$   $c$   $\rightarrow$   $c$   
 $\rho$   $\rightarrow$   $c$   $\rightarrow$   $c$   
 $\rho$   $\rightarrow$   $c$   $\rightarrow$   $c$ ,  
 $\rho$   $\rightarrow$   $c$   $\rightarrow$   $c$ .

$\rho$ :  $(\rho)$  df  $\rho$   $\rightarrow$   $c$  ( $\rho$   $\rightarrow$   $c$ )  
 $\rho$   $\rightarrow$   $c$ ,  $\rho$   $\rightarrow$   $c$ ,  
 $\rho$   $\rightarrow$   $c$   $\rightarrow$   $c$ !

df  $\rho$ : ( $\rho$ )  
 $\rho$   $\rightarrow$   $c$   $\rightarrow$   $c$ .

ben:

$\rho$ ,  $\rho$ ,  $\rho$   $\rightarrow$   $c$ !  
 $\rho$   $\rightarrow$   $c$ ,  $\rho$   $\rightarrow$   $c$ .

df  $\rho$ :

$\rho$   $\rightarrow$   $c$ ,  $\rho$   $\rightarrow$   $c$   
 $\rho$   $\rightarrow$   $c$   $\rightarrow$   $c$ .

$\beta^c! \rightarrow \text{le } 20 \text{ pt!}$   
 $2 \text{ ch } c \text{ n } 1 \text{ om!}$

*res:*

$2 \text{ ter!} \rightarrow 1 \text{ n } \beta!$

$\text{sh, sh, pt} - \text{y } \theta^2!$

*df lo:* (20<sup>per</sup> per)

$\text{h } H \text{ c } \text{ n } \text{ f!}$

$2 \text{ m } \text{ f } \text{ m } ;$

$\text{'c } i \text{ d } \text{ l } , 2 \text{ f } , \text{ m } ,$

$\text{'2 } \text{ f } \text{ m } \text{ D } \text{ n } \text{ c } \text{ D } \text{ m } .$

$\sim \text{h } \text{ v } , \text{ n } \text{ m } !$

$\text{x } \sim \text{c } \text{ e } , \text{ m } \text{ f} !$

$\sim \text{p } , \text{ l } \text{ l } \text{ e } - \text{p } \text{ b} !$

*res:* (20, l l e p - ter - ent

$\text{c } 20 \text{ 20 } \text{ l } )$

$\text{f } , \text{ 2 } \text{ m } \text{ l } \text{ m } , \text{ 5 } \text{ l } \text{ b} !$

*df lo:*

$\text{f } \text{ m } , \text{ e } \text{ r } \text{ v } \text{ 9 } \text{ m } \text{ b} !$

$6 \text{ h } \text{ m } \text{ e } \text{ 2 } \text{ l} .$

$\delta: (6 \dots)$

$\int \dots$   
 $\dots$

$\delta: \dots$

$e \dots$

$\delta:$

$\dots$

$\delta: \dots$

$\dots$   
 $\dots$

$\delta: (\dots)$

$\dots$

$\delta: (\dots)$

$\dots$

$\dots$

$\dots$

$\delta:$

$\dots$   
 $\dots$

lg:

o, 5 e f f z u u!

res:

1 e l, 1 2 0 ~ 2 y b o o w r z.

6:

co, x i, -) f z i,

- x o z f b o l u?

df lo:

f, l c u o!

6:

log!

e - 5 n 2 l l u m u?

ben:

w t, - a z z u m!

res: (f ~ l l e o<sup>2</sup> B,

- f l l e z m)

1 h! 1 h!

f b j! i n i f z h!

6 f z, 2 0 - 2 5 d f l o o.

df lo: (2nd type)

lg pe - c

ren o - !

→ x - c

o f y l - o r n

res:

c v ? d o z r

lg:

c u r ! o , !

o:

- h r ? / r

ben:

x l o h r

o , c d ~ f ! o , c d h

l b o r c ' n o

l h l - d o o - n , v o

df lo: (o - w)

N<sup>c</sup>, o - o ' n v e

- w l / , o ' l l p o

~ g' 2 6, 1 per lu end.

6:

com?

ren:

o?

g:

ceenot?

ben: (j 6)

- e 2 1 2 2 2!

ren:

- a ~ g, r ~ p ~ r!

g ~ f, 1 6 ~ r!

g:

~ , d v ~ , co' p?

g:

c ~ n? c 1 r p,

~ v / v o' r!



res:

$12 \sim 620 / \text{num}$

$5 \sim 60 \sim 2m$

$-12 \sim 2 \sim 60$

$\int D^2 \psi \text{ coc.}$

$2! \sim c \sim 260?$

6:

$12 \sim 60, 12 \sim 2$

4:

$12 \sim 60, 12 \sim 2$

6:

$12 \sim 60, 12 \sim 2$

res:

$12 \sim 60, 12 \sim 2$

# HEXENKÜCHE

s r v r e g i ~ l o n o s <sup>2</sup> l x i <sup>2</sup> e q,  
' e b i z z g t, j n ) g h p f. —  
w y d e l <sup>2</sup> n o - g r n - o d, e. l  
s d. ' w n i ~ h p o f e n - c o d ).  
c e - e r <sup>2</sup> l <sup>2</sup> o f h o g i g t.

U. d f lo.

U:

v E y e L w p u o !  
p b e v, i p o  
z r c f s o ?  
r i n s r s c u  
- p l i o e r h  
c e b h v s u  
o v, c e j w c b !  
j i z h y v g e i  
z i n n - z ~ e r z b  
l n r c ~ w a g l e ?

U. d f lo.

z l o n p b e y e n i !  
p j p u, v j j ~ n n z;  
~ - g i z r h o,  
- i ~ c e n n h.

4:

1 - 100.

1/2 lo.

2! ~ 2, → 2e

- 1/2 - 1/2

1/2 1/2 20 50 60,

1/2 ~ 1/2 - 1/2

1/2 1/2 - 1/2

2 ~ 2 1/2 1/2 1/2,

1/2 1/2 1/2 1/2,

1/2 1/2 1/2, - 1/2 - 1/2,

~ 1/2, ~ 1/2, ~ 1/2,

e: e 1/2, 2,

1/2 1/2 1/2 1/2!

4:

e 1/2 1/2, 1/2 1/2,

~ 1/2 1/2 1/2.

e ~ 1/2 1/2 1/2.

1/2 lo.

- 20 e 1/2, 1/2.

4:

e 1/2 1/2 1/2!

~ 1/2 1/2 1/2!

df lo:

ec ~ zur f! u!

1 - 1/2 c. 400 km 4:

1nd - 0/2 u,

pe - 1/2 c. u. o.

~ zur 2. h. u. pl!

1/2 - 1/2, 1/2, 2/2, 1/2.

- 20, 100 p. u,

- 2 u. c. u. o. u!

1/2 1/2 1/2 u!

u - 1/2 1/2 1/2 u.

1 u. u. u.

o, d ~ zur pl!

e, u. u. e - 1/2 u!

1 ~ u.

- 2/2, 1/2, 1/2 u?

1 u:

1/2 u,

1/2 u

1/2 u. u. u!

df lo:

o ~ 1/2 c. 1/2 u?

1/17:

—  $\sim 15, 16, 17, 18, 19, 20$

~~1/18:~~ (1/16)

$\circ \rightarrow \circ \rightarrow \circ, \sqrt{m}$

1/19:

—  $\sqrt{m}, \circ \rightarrow \circ \rightarrow \circ!$

~~1/20:~~

$\sim, \sim \circ \rightarrow \circ \rightarrow \circ$

$\cdot \rightarrow \sim, \sim, \sqrt{m}$

$\sqrt{m}$

—  $\circ \rightarrow \circ, \sqrt{m}$

$\circ \rightarrow \circ, \sqrt{m} \rightarrow \sqrt{m}$

1/21:

$\sqrt{m} \rightarrow \sqrt{m}$

~~1/22:~~

$\sqrt{m} \rightarrow \sqrt{m}$

~~1/23:~~ (1/17)  $\sqrt{m} - \sqrt{m} \rightarrow \sqrt{m}$

—  $\sqrt{m} \rightarrow \sqrt{m}$ ,

—  $\sqrt{m} \rightarrow \sqrt{m}$ ,

—  $\sqrt{m} \rightarrow \sqrt{m}$ !

$\sqrt{m} \rightarrow \sqrt{m}$ ,

-  $\curvearrowright_1 \cup \cup 2b,$   
-  $\curvearrowright_1 \cup \cup \delta^m.$

*df. 60.*

$\sigma \sigma^s \rangle \setminus l \gamma,$   
 $\setminus \setminus \rightarrow D \sigma \setminus \setminus \sigma!$

$\sigma^2 \sigma, \text{Lump?} \rightarrow \text{Lump} \sigma^2 - \text{un } b \sigma.$

*in:*

$e \cdot d;$   
 $b \sigma \setminus \setminus \setminus$   
-  $\setminus \setminus \setminus \sigma;$   
 $b \sigma \setminus \setminus \sigma \sigma \sigma$   
 $\sigma \setminus \setminus \setminus \sigma!$   
 $\cdot 2 \cdot \sigma \sigma.$   
 $\sigma \setminus \setminus \setminus \sigma;$   
-  $\sigma \setminus \setminus \sigma:$   
 $\sigma \setminus \setminus \sigma \sigma!$   
 $\sigma \setminus \setminus \sigma;$   
 $\sigma \setminus \setminus \sigma!$   
 $\sigma \setminus \setminus \sigma!$   
 $\sigma \setminus \setminus \sigma,$   
-  $\sigma \setminus \setminus \sigma.$

df lo:

co e b!

in: (2 1 - 2)

ce y ~ d,

- 1, d 2 / m.

- d / y - b o e z.

o p e b!

nd e ~ d,

- e d r / m?

df lo: (1 2 ~ 2)

- q l b?

n - y:

- d m l b!

- m / ~ l b,

- m / ~ r o!

df lo:

p lo r!

in:

~ c e r o,

- o d 2 o o!

- m d ~ d f lo / o f.

4: (Ch 4/3 ~ r p p p p,  
 ) R u e p p p, u e) S R d h u t 2)  
 c o o t: d ~ d d u e  
 f t ) z p p p p!  
 - k, s v ~ p u d e b r,  
 - b v d z r p e!  
 D c 1 / s r f u u u,  
 c 1 - c 2, s j n 2,  
 n 1 b ~ s o p p u o d i! m  
 e z d u e S r c u!  
 b r z; e c c - z u?  
 w 1 ~ d z p f t r  
 ~ u h S e n d u o d i?  
 - k o b e i) s r e u?

4/3 b o.

~ n; c ~ z 1) b o o n C d,  
 - b a r e k d,  
 e r o - c o p p o a.  
 l r o o p p r o s,  
 r c o o r - ~ p p p p p,  
 - o d, c e z p o o z,  
 s l m o z z y b u!

4/3 r p p z ~ p p d f b o, ) z z o e r e  
 - z z c e p p e, l l j p p.



$x \text{ of } 10 \sim \sqrt{5^2 L}$ ,  
 $\sim \sqrt{10} \cdot x, \text{ etc.}$

*W:* (et cetera)  $\sim \sqrt{2} \cdot \sqrt{2} \cdot \sqrt{2}$ ,  
 $\sqrt{2} \cdot \sqrt{2} \cdot \sqrt{2} \sim \sqrt{2} \cdot \sqrt{2} \cdot \sqrt{2}$   
 $\sqrt{2} \cdot \sqrt{2} \cdot \sqrt{2}$   
 $\sqrt{2} \cdot \sqrt{2} \cdot \sqrt{2}$

$\sqrt{2} \cdot \sqrt{2} \cdot \sqrt{2} \sim \sqrt{2} \cdot \sqrt{2} \cdot \sqrt{2}$

$\sqrt{2} \cdot \sqrt{2}$   
 $\sqrt{2} \cdot \sqrt{2}$   
 $\sqrt{2} \cdot \sqrt{2}$

*U:* ( $n \sim \sqrt{2}$ )  
 $\sqrt{2} \cdot \sqrt{2} \cdot \sqrt{2}$

*U:* ( $\sqrt{2} \cdot \sqrt{2} \cdot \sqrt{2}$ )  
 $\sqrt{2} \cdot \sqrt{2} \cdot \sqrt{2} \sim \sqrt{2} \cdot \sqrt{2} \cdot \sqrt{2}$

*W:*  
 $\sqrt{2} \cdot \sqrt{2}$ ,  
 $\sqrt{2} \cdot \sqrt{2}$ ,  
 $\sqrt{2} \cdot \sqrt{2}$

cf: (0 - w)

z - b b v n j h u!

h u r s - p c!

df lo: (z - v f u)

n, c h r o u l m u,

e, s p r c u h z.

' n o, c h, n g b o n p o, b n s p h, - g r - l o b r,  
c h j z n g z o z d. i s t n d e, b r z s g a f f d f h u.

i s t:

s! s! s! s!

e r p r! s l o s!

w o d ~ n o, w o d, i f!

s l o r!

cf - df lo w r e.

c o . e x ?

c r e x ?

c o - r e x ?

c r p ) ~ ?

i l s h

s n o p u!

6.  $\mathbb{R}^2$  上の  $z \sim z_0 - \beta / \alpha$  による同値関係  $\sim$  を定義する。

**例 6.1.** ( $\mathbb{R}^2 \sim \mathbb{C}$ ,  $z \sim z_0 - \beta / \alpha$  による同値関係  $\sim$ )

$z \sim z_0$   
 $z \sim z_0 + \beta$   
 $z \sim z_0 + \beta + \alpha$   
 $z \sim z_0 + \beta + 2\alpha$   
 $z \sim z_0 + \beta + 3\alpha$   
 $z \sim z_0 + \beta + 4\alpha$   
 $z \sim z_0 + \beta + 5\alpha$

$z \sim z_0 + \beta + k\alpha$

$z \sim z_0 + \beta + k\alpha$   
 $z \sim z_0 + \beta + (k+1)\alpha$   
 $z \sim z_0 + \beta + (k+2)\alpha$   
 $z \sim z_0 + \beta + (k+3)\alpha$   
 $z \sim z_0 + \beta + (k+4)\alpha$   
 $z \sim z_0 + \beta + (k+5)\alpha$   
 $z \sim z_0 + \beta + (k+6)\alpha$   
 $z \sim z_0 + \beta + (k+7)\alpha$   
 $z \sim z_0 + \beta + (k+8)\alpha$

**例 6.2.**

$z \sim z_0 + \beta$   
 $z \sim z_0 + \beta + \alpha$   
 $z \sim z_0 + \beta + 2\alpha$

df Co:

l n n d y - d;

e l . - c z,

e r r / p z z.

D i n n , i e d l e t ,

o s ~ l l ) f l ;

e n e f h a i n ~ / u / j h i

c b e z m , g l - n z i

- c o ~ l o d l l , ~ 1 / v o ~ n ,

^ x v ~ n j h i

e r u e r , v , o r h l u n ,

o l u l u l y c e n .

, d L : ( h y c )

o - g e r i g ;

o i ~ l u n o n e r !

df Co:

~ n n , c l , u , v !

, d L :

c u r i c o r , ) p i

df Co:

i g n o l e d p h i ;

~ , u j z i u h i

~ l o z b o , l o z p h i .

$\epsilon$  und  $\delta$   $\alpha$   $\omega$ , — ;  $\delta$   $\alpha$   $\eta$ ;  
 $\nu$  —  $\alpha$   $\delta$ ,  $\alpha$   $\delta$   $\alpha$   $\nu$ .  
 $\epsilon$   $\delta$   $\alpha$   $\omega$  /  $\alpha$   $\delta$   $\alpha$   $\omega$ ;  
 $\delta$   $\alpha$   $\epsilon$   $\delta$   $\alpha$ ,  $\epsilon$   $\delta$   $\alpha$ ;  
 $\nu$   $\delta$  —  $\alpha$   $\delta$   $\alpha$ .

$\delta$ : ( $\delta$   $\alpha$   $\delta$ )

$\alpha$ !  $\alpha$ !  $\epsilon$   $\delta$  —  $\alpha$   $\delta$ !  
 $\alpha$   $\delta$  —  $\alpha$   $\delta$ ,  $\alpha$   $\delta$  —  $\alpha$   $\delta$ !

$\delta$   $\alpha$ : ( $\delta$   $\alpha$ )

$\alpha$   $\delta$   $\alpha$   $\delta$   $\alpha$   $\delta$   $\alpha$   $\delta$ !  
 $\alpha$   $\delta$ ,  $\alpha$   $\delta$   $\alpha$   $\delta$ .

$\delta$ :

$\alpha$   $\delta$ ,  $\alpha$   $\delta$ ,  $\alpha$   $\delta$ .

$\delta$   $\alpha$ :

$\alpha$   $\delta$   $\alpha$   $\delta$   $\alpha$   $\delta$   $\alpha$   $\delta$ !  
 $\alpha$   $\delta$   $\alpha$   $\delta$   $\alpha$   $\delta$ ;  
 $\alpha$   $\delta$   $\alpha$   $\delta$   $\alpha$   $\delta$ .

$\delta$ :

$\alpha$   $\delta$ !  $\alpha$   $\delta$  —  $\alpha$   $\delta$ ;  
 $\alpha$   $\delta$   $\alpha$   $\delta$   $\alpha$   $\delta$ ;  
 $\alpha$   $\delta$  /  $\alpha$   $\delta$   $\alpha$   $\delta$   $\alpha$   $\delta$ ;  
 $\alpha$   $\delta$  —  $\alpha$   $\delta$  —  $\alpha$   $\delta$ .

o.

oc-rupurht  
-n, drc, l-ge n.

df lo.

i ~ 2k c<sup>2</sup> - p<sup>2</sup>;  
12 Rm eber d.  
per n, p e ft,  
- r R - 10 u!

1 B, 20<sup>th</sup> per, p ~ n o - f / c e n d e n ; i<sup>o</sup>  
b n, 20 ~ j n n, i n o / L n, - d h 26. j / W b ~  
200, f / i n g p i ~ n o, i r / Q o n - l e 20<sup>th</sup> v. b  
o u t l e, j r / h.

df: (j df lo)

~ , a v, c o e c u ?  
e L e f f, i n o e p e n,  
~ n g d h,  
~ v e n t, s o p r.

df lo.

/, C o ! e . - j B i  
- / ~ - f u n !  
o r o s j ~ 2 d h o d h,  
o r d e r c p s n.

~ d f, z ~ r o j k.

*z*: (z z o r l o b l n, e<sup>2</sup> d j e r o n)

e r b y!

~ o d f,

- f o r z,

- e d z,

- b e y ✓.

~ i, h!

~ b l - b o,

- d, b,

d o n - n,

- p m.

- m i n o,

- f i n o.

e e b = r e n d!

*z*:

d e n t, i d f l r k.

*z* l o:

e i n t h,

~ m - c, - n e r y d;

~ z w f d e n,

~ e ~ e i n e f

~ d s p u b l i c a t i o n.

~ b o u n d i d - n s.

- aindj en f,

pe - o, - o - e

Nº g(a) j d.

- g - d - u g f d;

a - ) i ~ m d o?

f - u g - u g, c - c f 2 d,

- v ) a d d c o m m o.

12: (L/P)

122 r d

\ d f,

\ u p d u m!

- a / e n t,

2' b p u t,

\ 2 b - 1 o m b.

6:

c o d b j l f - !

- ' v 2 ) - n l p l h.

v e n t, 12 ~ u p o 2

S z e l t e m m p l h.

u f l o.

r n, r n, - h e s t e r!

x e n h a, - b

1, 2 e f ~ v e 2 v;

e 2 v l e ' o h n / j e i:



in der Schule,

unter der Woche.

ist, 2. Semester, gut ~ hier ~ ja, 06/02 ~ 20/02,  
ja ~ 1. Semester.

→ hat! 1. Semester!

1. Semester 2. Semester

02/22 ~ 02/23

→ 1. Semester ~ 2. Semester!

ist ~ 1. Semester ~ 2. Semester.

~ hat! 1. Semester!

ist:

2. Semester ~ 1. Semester!

ist: (1. Semester)

→ 1. Semester ~ 2. Semester

→ 1. Semester ~ 2. Semester.

ist:

2. Semester ~ 1. Semester!

→ 1. Semester ~ 2. Semester.

df lo: (1/4)

~i → p̄ - o d l m;  
e r b ~ k o r l o m;  
o, r d p r = - j o p l.  
~ e r b m ~ i 2 d o p p;  
- u e p e b e r m s p;  
o) x e d - 2 - e p l.

4:

o d → p ~ j ~ p r j i  
e h o e a n j j i!

df lo:

~! ~! e° e r f o h  
~ u e s o r ~ o s i.  
/o.  
e b, r o r h r u,  
u e z ~ i t o r c u.

STRASSE

cf. wms s. 100.

cf:

~ zool., ed. 1. ca.,  
~ r- / r- p.?

wms:

~ ca. L., ca. z.,  
~ r- / r- p.  
b. r.) - 1.

cf:

~ r- / r- p. z.!

— ko r- / r- p.

b. — r- / r- p.,

— ko r- / r- p.

~ r- / r- p.,

~ r- / r- p.!

o b. r- / r- p.,

o r- / r- p.;

o b. r- / r- p.,

e. ~ r- / r- p.!

cf. l. 100.

4:

2, 9, 26, 49, 84!

df Co:

~ 2!

4:

6, 12, 20, 30, 42!

df Co:

1, 4, 9, 16, 25, 36, 49, 64, 81, 100!

1, 4, 9, 16, 25, 36, 49, 64, 81, 100!

1, 4, 9, 16, 25, 36, 49, 64, 81, 100!

1, 4, 9, 16, 25, 36, 49, 64, 81, 100!

1, 4, 9, 16, 25, 36, 49, 64, 81, 100!

1, 4, 9, 16, 25, 36, 49, 64, 81, 100!

4:

1, 4, 9, 16, 25, 36, 49, 64, 81, 100!

df Co:

1, 4, 9, 16, 25, 36, 49, 64, 81, 100!

1, 4, 9, 16, 25, 36, 49, 64, 81, 100!

1, 4, 9, 16, 25, 36, 49, 64, 81, 100!

1, 4, 9, 16, 25, 36, 49, 64, 81, 100!

1, 4, 9, 16, 25, 36, 49, 64, 81, 100!

4:

$z \sim z \cdot v \cdot w,$   
 $o, v \cdot v^2 \cdot g \cdot k!$   
 $- e \cdot o, v \cdot w \cdot g - 2,$   
 $c / e \cdot o \cdot k \cdot w$   
 $z \cdot v \cdot w \cdot w \cdot w,$   
 $- z \cdot v \cdot w \cdot w \cdot g.$

df lo:

$u \cdot v, w \cdot v^2 - g \cdot w!$   
 $v \cdot w \cdot w \cdot g \cdot v,$   
 $- v \cdot w \cdot g \cdot w.$

4:

$v \cdot w \cdot w \cdot g \cdot v,$   
 $u \cdot v \cdot w \cdot g$   
 $- v \cdot w \cdot g \cdot w.$

df lo:

$v \cdot w \cdot g \cdot w \cdot w \cdot g \cdot v,$   
 $v \cdot w, v \cdot w \cdot g \cdot w:$   
 $w \cdot v \cdot w, - v \cdot w \cdot g \cdot v:$   
 $v \cdot w \cdot g \cdot w \cdot w \cdot g,$   
 $w \cdot v \cdot w \cdot g, v$   
 $v \cdot w \cdot w \cdot w,$   
 $e \cdot w \cdot w \cdot w \cdot w - v \cdot w$   
 $w \cdot v \cdot w \cdot g \cdot v.$



df lo:

~!

6' ~ ~ ~ ~ ~

2' ~ ~ ~ ~ ~

~ ~ ~ ~ ~

~ ~ ~ ~ ~

6:

~ ~ ~ ~ ~

df lo:

~ ~ ~ ~ ~

6:

~ ~ ~ ~ ~

~

df lo:

~ ~ ~ ~ ~

~ ~ ~ ~ ~

~ ~ ~ ~ ~

~ ~ ~ ~ ~

~

ABEND

~ ~ ~ ~ ~

was: (rjl lbe - svec)

12202, c1 - d,

c2 - x for!

\ o p o l c u o

- i e r e 2; i

e d, R i g n s o m

\ c d o d / - m p o:

a.

df lo. lf.

df lo.

2, 2y, o, - 2!

lf: (D - m p y n)

1 u d, o v e n!

df lo: (2 p v c)

1 t e o r e h 2 / - ~

a.

lf: (v o g p c)

~ ~ ~ , o e u y,

\ e 9 2 - r e c d!



1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 840. 841. 842. 843. 844. 845. 846. 847. 848. 849. 850. 851. 852. 853. 854. 855. 856. 857. 858. 859. 860. 861. 862. 863. 864. 865. 866. 867. 868. 869. 870. 871. 872. 873. 874. 875. 876. 877. 878. 879. 880. 881. 882. 883. 884. 885. 886. 887. 888. 889. 890. 891. 892. 893. 894. 895. 896. 897. 898. 899. 900. 901. 902. 903. 904. 905. 906. 907. 908. 909. 910. 911. 912. 913. 914. 915. 916. 917. 918. 919. 920. 921. 922. 923. 924. 925. 926. 927. 928. 929. 930. 931. 932. 933. 934. 935. 936. 937. 938. 939. 940. 941. 942. 943. 944. 945. 946. 947. 948. 949. 950. 951. 952. 953. 954. 955. 956. 957. 958. 959. 960. 961. 962. 963. 964. 965. 966. 967. 968. 969. 970. 971. 972. 973. 974. 975. 976. 977. 978. 979. 980. 981. 982. 983. 984. 985. 986. 987. 988. 989. 990. 991. 992. 993. 994. 995. 996. 997. 998. 999. 1000.

2 1 e n c i 2 c m m  
~ p t b o n g b t,  
- 2 2 2 2 ~ r a n  
s o n t j e z w e i!

- 4! c o 2 d 2 b t i  
o n b 1 v p n t!  
c o - 4 2? c o' e 2 y o z i?  
n o m l f! 1 m d / 2.

v n t v p x ~ p e l l i?  
v p e o, - 2 e j p o,  
- b v p 2 s o h p l o!  
2 1 ~ p l t e r e i l l i?

- 2 2 6 ~ 2 w 2,  
o s t e l e n h l o!  
v 2 o 2 o, D o - m!  
1, 2 j p, 1 j l o.

2 f l o: (n b)

p c! 1 o b 5 m m.

l f:

p! p! 1 m m m!

df lo:

x ~ nb. e.g.,  
120 C 4 2 ~ u.  
f. d. x ~ u. z. f.,  
120 ~ 1, 1 ~ u. 16;  
11 ~ 10 2 2 ~,  
2 ~ 1/2 ~.  
f. 10 ~ 10, - p. p.

6:

100/0.1

df lo:

W r f?  
2 ~ 1 ~ 2 ~ y. j. c. n?  
e. n. 1 ~ u. b. ~,  
1, 2 ~ n. g.  
- v. 1, c ~ v. j. p. n.  
120 l, e. r. 2 ~ p. ~!  
1 ~ y ~ n. l, ~ 1 ~ ~ x. e. m.  
\ f. d. e. n. b. ~ z. f. - v. d. e. z. o. e. j.  
~ p. p. e!  
2 ~ 100 ~ l. n. e.  
D. z. p. o. c. y. - j. c. e. i.  
- 1 ~ 1 ~ e.  
s. d. 1 ~ 2 ~ v. o. 2 ~,  
s. p. e. n. z. ~ 10 ~ 1 ~ e.

60 - 200?

→ 1!

1.

www: (2 → 8)

1 - 2, 1 - 2/2

6000000.

- 200 - 200/20.

1 - 2, 1 - 2/2000

1 - 2, 1 - 2000/20.

2000 - 2000/2000

2000 - 2000/2000!

6000000, 2000) of.

1 - 2000/2000

2000/2000,

2000/2000

→ 2000/2000.

1 - 2000/2000,

1 - 2000/2000

1 - 2000/2000,

→ 2000/2000.

-o. n / p h,  
f. o f d p ✓,  
2 d e o o r h,  
~ d h / p ✓.

\ o o r n h,  
i h r r z,  
s z n f h o r,  
e d s r z o r r.

e d g e f p h,  
h r f h o r,  
- e d ~ z h d h  
z h z, h.

\ o r p p, h r  
- o r h o r,  
i r h r o r,  
h r ~ h r.

o h r ~ f, r n e p w - w e z r h.

o r d e z r h r z?  
i z o d r p o ~ f.  
- i d e e n! c o r c o r o?  
f h h o r ~ h e,  
- r r p e s.

erw - 20<sup>th</sup> Ave  
1000, 100 - 5!  
co. 21 1000 20  
- 1000 1000 / 20!  
- 20 20 20 / 20  
1000 1000 20.  
o'v, 1000?  
1000 1000 / 20!  
o'v) 1000 - 1000 20.  
o'v, 1000 1000!  
1000 1000 20.  
1000 1000, 1000?  
e'c 1000 20,  
- 1000 1000;  
1000 1000 20.  
Drew,  
1000  
e'c. Drew!

SPAZIERGANG

U<sub>2</sub> p m s - r m c.  
j p d f l o.

u f l o.

u n g z h u ! u r z o p u t !  
1 - 1 , 1 d c o m m e t o l l u t !

U:

c o r ? c o m U d e n - o ?  
- n p l o s 1 2 2 u u !

u f l o.

1 2 u p z u l l s m u ,  
c i - b m l e c u !

U:

2) o c o p n l g u ?  
d n e s o - s e r j u u !

u f l o.

e u t - , ~ z , l W h u p l l ,  
~ 2 - e l z o p l l !  
1 2 u n d e o r j z u  
2) l u g i r z u ~ j z u  
1 5 2 u ~ l u p l ,





df Co:

$\rho \sim \rho, \alpha - \alpha,$   
schröck,  
ent/ent-1/2,  
schröck,  
Pm-ent-ent  
-6 ent 4 et.

6:

-W?

df Co:

$\rho \sim \rho,$   
 $\cos, \cos - 2,$   
ent/ent-1/2,  
 $2 \sim 2, \alpha \sim \alpha.$

6:

$\rho \sim \rho, \alpha \sim \alpha.$   
gleit/gleit-ent/ent  
ent/ent-1/2.

df Co:

$\rho \sim \rho, \alpha \sim \alpha!$

4:

-D, -B, D, r, o,

x, p, r, n, d, w!

- , L, o, d, - / o L,

- p, ~ ~ ~ z, z!

df lo:

h, n, n, x, S, z, p, m.

6 a.

df lo:

- ~ ~ ~ d, L, d

o, ~ ~ ~ r, o, - e, p, u

f, p, r, i, z, p, h, z, i, d.

a.

# DER NACHBARIN HAUS

wp: ( )

21 y 20 22 23 24

1 2 3 4 5 6 7 8 9 10

11 12 13 14 15

16 17 18 19 20

21 22 23 24 25

26 27 28 29 30

31

32 33 34 35 36

37 38 39 40

want and.

want:

by want!

want:

with, co<sup>202</sup>

want:

66 67 68 69 70

71 72 73 74 75

76 77 78 79 80

81 82 83 84 85

86 87 88 89 90

WD:

e 206 / ' 2202;  
✓ 82 / ✓ 2202.

WNL:

D 06 → ! D 26 → !

WD: (y 6 5)

- 9 202 ✓ 2202!

WNL:

el 2, e, / 5 ' 20  
2202 2202.

WD:

2202 → 2202,  
- 2202 2202,  
2202 → 2202 2202,  
2202 2202,  
- 2202 → 2202 2202,  
2202 → 2202 → 2202 2202.  
2202 2202, 2202 2202,  
2202 2202, 2202 2202.

WNL:

2202 →, 2202 2202,  
- 2202 2202!

and.

was:

Dr! ver zu?

was: (e n. 20)

i-ker zu?

df lo 15.

df lo:

v - l, k 2 p m,

20 ~ k y 2 m.

k m p - w m p.

→ D h w p g o h!

was:

10, 60, 2 / 0?

df lo: (e o / 1)

1 m b f, v e p i;

6 0 e m ~ m 6.

f i l, i p m,

- D m e m.

wp: (1)

$\ln, \sqrt{e}, z \rightarrow z^i$

$\sim \ln \sim \ln \sim \ln$

wp:

$1 \sim \ln \sim \ln \sim \ln$

$D_2! \sim \ln \sim \ln$

$z - \beta e^{z/2}$

df lo:

$D_1 \sim \ln \sim \ln$

$6 \sim \ln, \sim \ln \sim \ln$

$\ln \sim \ln, \ln \sim \ln$

wp:

$\ln \sim \ln, \ln \sim \ln$

df lo:

$1 \sim \ln, \ln \sim \ln \sim \ln$

$1 \sim \ln, \ln \sim \ln \sim \ln$

$1 \sim \ln \sim \ln \sim \ln$

wp:

$\ln \sim \ln \sim \ln \sim \ln$

$\ln \sim \ln \sim \ln \sim \ln$

www:

D! x b, y d!

df lo:

- 2 d, L d!

www:

1 r l r n' n' u,

3 d j l e m.

df lo:

L e r o e, e r o L e z.

www:

f v o n o z o!

df lo:

1 d z e s m

u z m l o

~ ^ e y f z

f d m z u.

www:

z r o d i ~ p j m?

df Co:

h, - u, 20-g:

o b d h l r e s e l r o o m!

r x h<sup>2</sup> r g u.

wp:

col ~ g p? m f e?

co te x e n a - g r h e o o g d,

f y e m a c d,

- m z w, m u!

df Co:

200, - 4 v 2 f e;

~ \ o o r e c w d / y d.

D. u z o l o;

h, - d h t o p r d f u.

wp:

D! e i z g - p m?

p o, - l r w d h r d u.

df Co:

r c v d, 2 / z i o / h:

r<sup>e</sup> ~ h e o d r e.



www:

D ~, e n f / 2 / ~

df lo:

p / ~ ~, ~ ~ ~ ~

' : ~ ~ ~ ~ ~

~ ~ ~ ~ ~

www:

e . ~ ~ ~ / ~ ~

df lo:

U - e ! ~ ~ ~

www:

f / v d!

df lo:

~ ~ ~ ~ ~

- ~ ~ ~ ~ ~

~ ~ ~ ~ ~

- ~ ~ ~ ~ ~

» ~ ~ ~ ~ ~

~ ~ ~ ~ ~

D, ~ ~ ~ ~ ~

~ ~ ~ ~ ~

wp: (c) (c)

\ 2 2! 1 2 P 2 d m.

df lo:

» —, c 2! 6 c 2 j e o 1.«

wp:

e d! c d! n v e o h j m!

df lo:

\ k p 2 j p,

c 1 — 2 d ~ m v.

» 1 «, p), » j j k j / d

d v e, — e l l b j p h,

— l p e c o,

— d / ~ e 2 ~ l ~ k o «

wp:

2, — e l, — e k v o,

\ c u v n — d!

df lo:

l d, 1 2 j e p l.

\ p: » o 1 ~ o 1 2 e o r

e m i l y — s e b d;

j c e n d' s e r d,

e j p ~ m b l y, l,

e ~ 22° 20' 00" W.

e ~ 00' 10" N,

- 10' 20" 00" W,

2 ~ 20° 00' 00" E.

WP:

10' 20" 00" S

df Co:

10' 20" 00" S

~ 20° 00' 00" N,

10' 20" 00" S;

10' 20" 00" S

10' 20" 00" S.

WP:

10' 20" 00" S

10' 20" 00" S

10' 20" 00" S

df Co:

10' 20" 00" S

10' 20" 00" S

10' 20" 00" S

10' 20" 00" S

WD:

D r ! o d r d a,  
 b e , / A s r d ~ h !  
 - d r ~ z p u ~ h o .  
 \ K ~ e j f o e n  
 - h e c u - h e c  
 - e b l o l y .

df lo:

~, ~, - d - r i - p u,  
 c, / y h T  
 S o o ~ p o n .  
 i z ~ / j, z z u r  
 d o t, b z / ~ ~ !

WD:

- / u r z u ~ j p p !

df lo: (l)

~ d, d u j p !  
 i d c ~ l b u r c l .  
 j h .  
 o g - e n ? M z p ?

WD:

c o r ~ \ x e r ?

df Co. (l)

g 24, f 00 r c!

r

r c, r l!

ww:

r c!

wp:

r d v d p c!

r m ~ f w 2,

c, o - a r p p h - m.

r l' r e y l e p o,

r, ~ D L P C h e h o.

df Co.

h, r h, p f u f w r e

r e c a, c y r e:

r d n ~ h e p o,

r ~ r ~ h e f e r.

r h r o.

wp:

r h e h!

df Co:

- x, Lg Der?

~ Lh ml: f p b,

L. e. 2 l. c b.

WWS:

20 ~ 2 x p 1 a.

df Co:

~ 2 2 2 2 2 2

WWS:

2 2 2 2 2 2 2 2

~ 2 2 2 2 2 2 2 2

STRASSE

cf. rlf lo.

cf:

o bi → len? → len?

rlf lo.

o k! lo, j, l z?

z r r f. Wh →

z r r c' r b l d i r r z:

e ~ c r o r o

f r c = p r c o!

cf:

— ll!

rlf lo.

o' r c o s r w.

cf:

~ o d. c r h c l.

rlf lo.

r m ~ r f r o r,

e r o r r r e p r t z h

z c e r r z i n f r ~

U:

$\sigma \approx 1/r \approx 1, \sqrt{\sigma} \approx 1,41$

Uf Co:

$\sigma \approx 1,41 \approx 1,41$

$\sigma \approx 1,41, \rightarrow 1,41$

U:

$\sigma \approx 1,41, \rightarrow 1,41$

Uf Co:

$\sigma \approx 1,41 \approx 1,41$

$\sigma \approx 1,41 \approx 1,41$

$\sigma \approx 1,41 \approx 1,41$

$\sigma \approx 1,41 \approx 1,41$

$\sigma \approx 1,41 \approx 1,41$

$\sigma \approx 1,41 \approx 1,41$

$\sigma \approx 1,41 \approx 1,41$

$\sigma \approx 1,41 \approx 1,41$

$\sigma \approx 1,41 \approx 1,41$

$\sigma \approx 1,41 \approx 1,41$

U:

$\sigma \approx 1,41 \approx 1,41$



df lo:

h, c, w, l ~ B d b.

e r m', z e m,

e r w l u r

- e o r t r z m?

6:

- f s z p.

df lo:

z - z!

e' s o m l, - r,

s - p s o l m k m

' e n - s z p m?

6:

s e l - ! m c, p e,

l e b, l e p

D r m Q, m l e,

e r p, d l e r o n g l,

D e r s t h c l l l,

- r z, s - l,

p e, o, o m,

' e ~ l l p p?

df lo:

1) dN!

6:

2-! 2m 0 9 m

1.4 d, - 2 2 2 m:

c N 2 2 - - 2 - p,

2 2 p.

- 2, 1 2 2 2 2 2,

2 2 2, p c 2 2.

GARTEN

wms ~ l' r,  
wms ~ l' b, s - r gpc.

wms:

1 b, c, e, p, x ~ z l,  
2) b, v, y, z.  
~ w: - p l,  
~ w l, y, z;  
1 c, o, y, z, e, l, h, i, n, u  
~ r, s, p, l, b, t, n.

l:

~ w, s, o, ~ c, l, u, b, l  
~ c, o, g, r, d.  
~ b, r, x.

wms:

wms ~ l' a ~ l' b ~ l' c?  
b: - r, i: - y!  
c, o, y, z, e, g, h, v, o, y!  
1, 2, 3, 4, 5  
w: ~ x.

WP:

-1, 2, 2, 1, 6 - 1, 1, 2

Wf Co:

D, e, f, g - 1, 2, 3, 4, 5  
2, 3, 4, 5, 6, 7, 8, 9  
- 1, 2, 3, 4, 5, 6, 7, 8, 9

WP:

2, 3, 4, 5, 6, 7, 8, 9  
- 1, 2, 3, 4, 5, 6, 7, 8, 9  
2, 3, 4, 5, 6, 7, 8, 9  
- 1, 2, 3, 4, 5, 6, 7, 8, 9  
2, 3, 4, 5, 6, 7, 8, 9

Wf Co:

2, 3, 4, 5, 6, 7, 8, 9

WP:

2, 3, 4, 5, 6, 7, 8, 9

2, 3, 4, 5, 6, 7, 8, 9

WP:

2, 3, 4, 5, 6, 7, 8, 9  
2, 3, 4, 5, 6, 7, 8, 9  
2, 3, 4, 5, 6, 7, 8, 9

$b^2 \text{ } \gamma \text{ } \sigma \text{ } \nu$

Q:

$\rightarrow b^2 \text{ } \gamma \text{ } \sigma \text{ } \nu$   
 $\rightarrow \gamma \text{ } \sigma \text{ } \nu$

WWT:

$\sigma^2$

Q:

$D, e, \text{ } \sigma, \text{ } \nu$   
 $\gamma \text{ } \sigma \text{ } \nu$   
 $e, \text{ } \sigma, \text{ } \nu$   
 $\text{ } \sigma \text{ } \nu$

WWT:

$e, \text{ } \sigma, \text{ } \nu$   
 $\text{ } \sigma \text{ } \nu$

Q:

$\text{ } \sigma \text{ } \nu$

WWT:

$\text{ } \sigma \text{ } \nu$   
 $\text{ } \sigma \text{ } \nu$   
 $\text{ } \sigma \text{ } \nu$   
 $\text{ } \sigma \text{ } \nu$

- 2 2 2 2 2 2

- 2 2 2

1 2 3 4 - 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

2 3 4 5 6 7 8 9 10

~ 2 2 2 ~ 2 2 2 ~ 2 2 2

2 3 4 5 6 7 8 9 10

2 3 4 5 6 7 8 9 10

2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

2 3 4 5 6 7 8 9 10

- 2 2 2 2 2

6:

~ 2, 2, 2, 2, 2

www:

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

- 2 2 2 2 2

- 2 2 2 2 2, 2-2

2 3 4 5 6 7 8 9 10

2 3 4 5 6 7 8 9 10

- 2 2 2 2 2

2 2 2 2 2, - 2 2 2

2 2 2 2 2, 2 2 2 2

ca. 12, 13, 14.

6:

exp. 1000

1000:

1000000

1000000

1000000

1000000

1000000

1000000

1000000

1000000

1000000

1000000

1000000

1000000

1000000

1000000:

1000000

1000000

df lo:

~ r ~ s ~ o ~ h ~  
p ~ o ~ i ~ u ~

wp:

o h e z z x, o r ~ i / h e ?  
o) e z y / n r e p e ?

df lo:

e p t / o d: ~ i n x e,  
~ h o c r z z e - h e n d.

wp:

i z: r r ~ s o ~ f ~ u ~

df lo:

w o p s ~ h z h g ~ u.

wp:

~ ~ ~ o n: o e ~ n d z ~ r z p e ?

df lo:

z h o ~ u) ~ h z i ~ j p u.

wp:

p, r ~ g ~ p !



df Co:

e4v2f e!

e1p m e r o m e

2' - 4

6:

e m b p, - m m e, E,

2 0 1 2 ~ 2 m e

wmt:

o r - 1, 1 2 1 2 P.

6:

- e y b, l, 1, 1 m e

co), B h m,

o e h o e e p m e

wmt:

1 a y d, v a e n p i;

- r ~ r e l v k o m.

D, d e, 1, 1, 1 e r h m

co h o, o p o r o p e?

- r ~ r e l v k o m,

2 r o m k e a j r e m.

p h o e l, c o l, c o

1 - r ~ r e l v k o m;

$\sim \rho, \alpha, \beta, \gamma, \delta,$   
 $e, \dots / \dots$

U:  
o, p, q!

wnt:  
b, r!  
b, p, q, r, s, t, u, v, w, x, y, z

U:  
 $\cos^2 \alpha \sim \beta^2$

wnt:  
 $\dots \sim \beta$

U:  
 $\alpha^2$

wnt:  
 $\dots$   
 $\dots$

U:  
 $\cos \alpha \sim \beta$

www: (2dep)

、N P m N P l.

Q:

g 2 lo 2e r b!

www: (L/P)

N P m / m N P m / m

e f u o b o 2 2 e k e.

、N P!

Q:

h, 2 r c! o r o u c d

e 2 r o f) o.、N P!

g b e, c o e o?、N P!

、b o r u e r e.

www:

P s o!

Q:

— r e! o r u,

o r r e 2 o r o n

co of 2:

g a m u y — c u

g b, i o o r o!

o! m r r e s g b o

$\sim, \sim re! \sim re!$

want  $(p, re, \mathcal{R}) \rightarrow - \mathcal{R} \mathcal{C}$ .  
 $\sim \mathcal{R} \sim \mathcal{R} \sim \mathcal{R}, \mathcal{C} \mathcal{L} \mathcal{C} \mathcal{R}$ .

wp:  $(\sim re)$

$\sim \mathcal{R} \mathcal{C} \mathcal{R}$ .

df  $\mathcal{C}$ :

$\mathcal{L}_1 - \mathcal{R} \sim \mathcal{P}$ .

wp:

$\sim \mathcal{L}_1 \mathcal{R}, \sim \mathcal{R} \mathcal{C} \mathcal{R}$ ,

$\sim \mathcal{I} \sim \mathcal{R} \mathcal{C} \mathcal{R} \mathcal{L}$ .

$\sim \mathcal{I}, \mathcal{C} \sim \mathcal{R} \mathcal{C} \mathcal{R} \mathcal{L}$

$\sim \mathcal{I} \mathcal{C} \mathcal{R}$ ,

$\mathcal{C} \mathcal{L} \mathcal{C} \mathcal{R} \mathcal{L} \mathcal{C} \mathcal{R}$ ,

$\sim \mathcal{C} \mathcal{L} \mathcal{C} \mathcal{R} \mathcal{L} \mathcal{C} \mathcal{R} \mathcal{L} \mathcal{C} \mathcal{R}$ .

$\sim \mathcal{C} \mathcal{L} \mathcal{C} \mathcal{R}$ !

df  $\mathcal{C}$ :

$\sim \mathcal{C} \mathcal{L} \mathcal{C} \mathcal{R}$ .

$\mathcal{C} \mathcal{L} \mathcal{C} \mathcal{R}$ !

wp:

$\sim \mathcal{C} \mathcal{L} \mathcal{C} \mathcal{R}$ .

df<sub>co</sub>:

-6 R D. e · l · d.

# EIN GARTENHÄUSCHEN

wenn  $f \in \mathcal{L}^2, g \in \mathcal{L}^1, v_1, v_2$   
 $\mathcal{L}^1, \text{Bsp } \sim, \text{Bsp } - \mathcal{L}^1, \mathcal{L}^1.$

wenn:

$\sim \mathcal{L}^1!$

$\mathcal{L}^1: (\sim \mathcal{L}^1)$

$\mathcal{L}^1, \mathcal{L}^1, - \sim \text{Bsp } \mathcal{L}^1!$

$\mathcal{L}^1, \mathcal{L}^1!$

$\sim \mathcal{L}^1.$

wenn:  $(\sim \mathcal{L}^1 - \sim \text{no } \mathcal{L}^1)$

$\mathcal{L}^1 \text{ zu! } \mathcal{L}^1, \mathcal{L}^1!$

$\mathcal{L}^1 \text{ zu! } \mathcal{L}^1.$

$\mathcal{L}^1: (\mathcal{L}^1)$

$\mathcal{L}^1 \text{ zu!}$

$\mathcal{L}^1 \text{ zu!}$

$\mathcal{L}^1 \text{ zu!}$

$\mathcal{L}^1:$

$\sim \mathcal{L}^1!$

df Co:

- c f j g e.

wp: (nd)

h, - j, 2, 2.

lf:

eh, - j, g?

wmt:

1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100.

lf:

20, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100.

dc!

wp:

e!

wmt:

5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100.

lf - df Co r.

wmt:

g, h, i, j, k, l, m, n, o, p, q, r, s, t, u, v, w, x, y, z, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100.

1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100.

$yz \rightarrow p_1 - p_2$

-  $xy$  or  $zh$ .

$vd \sim n p^c r^c$ ,

$dh, co \sim v^b d$ .

$u$ .



WALD UND HÖHLE

4.

sein 2 b, 4, 16 v, 16 v 20,

er 1 u. 4 2 v / 20 d

er 16 16 16 16 16 16.

16 v, 16 v, 16 v, 16 v,

16, 16, 16, 16, 16.

16 16 16 16,

16 v, 16 v 16

16 16 16 16 16

16, 16, 16, 16

16 16 16 16 16

16 16 16 16 - 16 16.

- 16 16 16 16 - 16,

16 16 16 16 16

- 16 16 16 16

- 16 16 16 16,

16 16 16 16 16,

16 v, 16 v 16

16 16 16 16).

- 16 16 16 16

16 16 16 16

16 16 16 16

16 16 16 16

- 16 16 16 16.

$\sim e^2 \text{ up } \text{no}'$ ,  
 $\text{of } \sim \text{up } \text{no}'$ ,  
 $\text{up } \sim \text{no}' - \text{no}'$ ,  
 $\text{up } \sim \text{no}'$ ,  
 $\text{no}' \sim \text{no}'$ ,  
 $\text{up } \sim \text{no}'$ ,  
 $\text{no}' \sim \text{no}'$ ,  
 $\text{up } \sim \text{no}'$ ,  
 $\text{no}' \sim \text{no}'$ ,  
 $\text{up } \sim \text{no}'$ ,  
 $\text{no}' \sim \text{no}'$ .

up no'.

up no'.

$\text{up } \sim \text{no}'$ ,  
 $\text{no}' \sim \text{no}'$ ,  
 $\text{up } \sim \text{no}'$ ,  
 $\text{no}' \sim \text{no}'$ .

up no'.

$\text{up } \sim \text{no}'$ ,  
 $\text{no}' \sim \text{no}'$ .

up no'.

$\text{up } \sim \text{no}'$ ,  
 $\text{no}' \sim \text{no}'$ .

$\sim \theta^{\text{par}}, \beta, \omega^{-L},$

$\cdot \text{con } \omega^{\text{par}}.$

$\sim \text{sup } \omega^{\text{par}}, \text{re } \omega!$

$\text{con } \beta^{\text{par}} - \text{con } \beta^{\circ};$

$\sim \omega^2 \text{sup } \omega^{\text{par}} \text{no } \text{par}.$

6:

$e \text{---} \omega^{\text{par}} \text{---} \beta^{\text{par}}!$

$\text{---} \text{Den}, e, \text{par}.$

df. 6:

$\omega^{\text{par}}, \text{re } \text{con}$

$\text{con } \omega^{\text{par}} \text{---} \beta^{\text{par}}!$

$\text{Sup } \omega^{\text{par}} \text{---} \text{par}$

$\omega^{\text{par}}, \text{par} \text{---} \text{par};$

$\text{---} \text{con } \omega^{\text{par}}, \text{---} \text{con } \omega^{\text{par}}$

$\text{Sup } \text{re } \text{par}.$

$\text{con } \omega^{\text{par}}, \text{re } \text{con}$

$\text{par} \text{---} \text{par} \text{---} \text{par}!$

$\text{con } \omega^{\text{par}} \text{---} \text{par} \text{---} \text{par}$

$\omega^{\text{par}} \text{---} \text{par} \text{---} \text{par}!$

$\sim \text{par}, \text{par} \text{---} \text{par}!$

$\text{par} \text{---} \text{par} \text{---} \text{par}.$

6:

$\text{par}, \text{con } \omega^{\text{par}} \text{---} \text{par}$

$\text{re } \text{con } \omega^{\text{par}} \text{---} \text{par}!$

1, 50 g - m m,  
g c b l l 2, 2 m v / j 2 m.

df lo:

~ 800 m m.  
2 n - 4 5 ~ p m m  
- 10 - 20 c m m, 10;  
j - 2 7) g m m,  
10 m m m m m,  
e b o m m m m m,  
2 g m m m m m m,  
10 m m m m m m,  
g m m m m m,  
- e, 2 2 m m m  
2 - p e.  
1 e l / m, 0 m m j 2 0.

6:

E g s d!

df lo:

e - j / m m;  
1 2 e l, p m E j m.  
m e l / m m m m m,  
c o m m m m m m m.  
- m m - 2, 1 2 m m m m,  
p m m m m m m;

Չընտրելու

Գրեցի քեզ

— Երբ, որ, քեզ

չեղիս քեզ — Երբ

բոլորիս համար,

— Երբ, որ, քեզ

Գրեցի քեզ — Երբ,

Երբ, որ, քեզ

Երբ, որ, քեզ,

Երբ, որ, քեզ — Երբ,

Երբ, որ, քեզ,

Երբ, որ, քեզ

Երբ, որ, քեզ,

Երբ, որ, քեզ,

Երբ, որ, քեզ

Երբ, որ, քեզ

Երբ, որ, քեզ,

Երբ, որ, քեզ,

Երբ, որ, քեզ

«Երբ, որ, քեզ!» — Երբ,

Երբ, որ, քեզ

Երբ, որ, քեզ,

Երբ, որ, քեզ,

Երբ, որ, քեզ,

— Երբ,

4:

z!z!

df lo: (l)

z!e, pl!

4:

z!z pl!

-z!ez!

z, z, z, z

z, z, z, z!

df lo:

z° - z!z, z!

-z - z!z.

4:

z!z, z!z!

z!z, z!z

z!z, z!z!

z!z, z!z!

df lo:

z, z!z!

z!z, z!z!

4:

sp, ~u!

df lo.

z! r g /, - 120 D.

` 21, ` 4 - 222 g,

mit 2 / ~ ed u,

D b p u j r h.

→ l, - i ~ 20 h!

r d ~ 20 D e r r,

l k r i ~ L e.

4:

co, d u e l e z m r u!

o v r ~ m l e r r!

b, / m r ~ r!

u, ~ l l r / i ~ p r f?

` f u j → f - v,

` a ~ c o f - y / l e j l e r l e,

u r o r e D 2 d h e j!

- o u l 6, 2 r e e q u o,

r z d h s 2 r r r d h e,

- e r 2 o o u r r

r h r i r r r d.

- i, 2 r r o b,

u / r r,

e, l e r l e

- 6/10/21!  
6, m k e r p, 1, 11!  
e, 2, u, 26 90 l 2.  
21, 1, 2, v, 1, 1' n d u p.  
c o r o p, u r 2 p!  
u r p s v p p p  
- 6 2 v p e n!

21/10/21

c o e m, e v!  
n ~ - 1 6, 9 1!  
c ~ ~ n l h n m o,  
f. 1) 2 p e r e.  
- u, c) 11 2!  
e, 10 20 d - p ~ p d.  
1 1/2 1/2 1/2 1/2  
o ~ 1 1/2 1/2.



# GRETCHENS STUBE

22: (n gel, en)

2 ↘ 2,

2 ↘ 2j, j;

1, 6c 6 ~ 2

- 2 ~ 2.

c, r / 2,

• v e h,

1, 2j d

• v 2.

2 ~ 2 ~ 2

• v 2,

2 ~ 2 ~ 2

• v 2.

2 ↘ 2,

2 ↘ 2j, j,

1, 6c 6 ~ 2

- 2 ~ 2.

2 2 ↘ 2,

2 2 ↘ 2,

2 2 ↘ 2,

2 2.

$\sim 22n,$

$\sim e^p,$

$\sim v_0 \ln,$

$\sim n^p,$

$- \sim e$

$\mu_0,$

$\sim x^2,$

$- D! \sim n!$

$\sim 2^2,$

$\sim 2^j \cdot j,$

$\sim \ln \ln$

$- \ln.$

$\sim \ln \ln$

$\sim D^2,$

$\ln \ln,$

$- 2^{\sqrt{n}}$

$- \sim \sigma_n,$

$- \sigma_1 \sim \sigma,$

$\sim \sigma \sim \sigma$

$m!$

MARTHENS GARTEN

W.M. G.

W.M.:

$P_{v, 2} P!$

G:

com!

W.M.:

$\sim a, 0, 1, 2, 3, \dots$

$q, b \sim 2, 4, 6, 8, \dots$

$\sim 1, 2, 4, 8, \dots$

G:

$\sim a, 2, \dots, \sqrt{c}, \dots, 1, \dots, n_i$

$b, 2, \dots, \sqrt{d}, \dots, n_i$

$\sim \sqrt{c}, \dots, \sqrt{d}, \dots, n_i$

W.M.:

$e, \dots, \sqrt{h}, \dots, n_i$

G:

$2, \dots, n_i$

www:

D! c, k o s p n t!  
e s d p, 2 in out.

q:

1 ~ b.

www:

d → w.  
j w, j k b e r n l m.  
z b / e ~ z r?

q:

z p, c e l o n:  
1 z ~ z r?  
z b e c o h,  
- r x l z l → g r  
s ~ h j o.

www:

— z b / e / ?

q:

z b → p, e z e o r b!  
c e l r m?  
- c l m:  
» z r ~ ! «?

c. q. c.,  
 -) k. c.  
 j. o. n. » 1 2 r / 1 k.  
 \\_ r. l. o.,  
 \\_ r. d.,  
 l. o. - r. d. /  
 d, v, ) k.  
 c. d. ) \\_ r. / e. e. e. e.  
 d, r. e / r \\_ r. l. o.  
 - g. n. l. e. w. e.  
 r. g. n. / r.  
 r. s. 1 / r. 2 e.  
 - r. d. / e.  
 d. d. - r. p. e.,  
 - d. z. m. p. w.  
 f. u. b. u. n. e. r.  
 b. e. e. e. z. y, - l. o. ;  
 - c. e. z. y. z. i. p. o. d. b.,  
 ~ - e. , o. e. ,  
 ~ o. z. ! z. y. ! d. ! z.  
 1 2 ~ ~  
 e. l. ! b. : e. ;  
 ~ . z. - d.,  
 ~ ~ ~ z. e. z.

WNL:

$e \cdot \omega \sqrt{L} z - \eta_i$   
 $\mu \text{ oder } \omega \sqrt{L} z$   
 $\rightarrow z \sim \sqrt{L} z$ .

U:

$-\omega \sqrt{L} z$   
 $z \mu \sqrt{L} z \mu$   
 $L \omega \sqrt{L} z$   
 $c \mu / z \mu$ ?

WNL:

$c \omega - z \sqrt{L} z \mu$   
 $\mu \text{ oder } \omega \sqrt{L} z$   
 $e \mu \sqrt{L} z$ .

U:

$\mu \sqrt{L} z$

WNL:

$-\mu \sqrt{L} z$   
 $e \mu \sqrt{L} z$ .

U:

$\mu$ ?

www:

~ 2p, ~ 4 ea 1 0 3,  
• v 2 h n i o s b;  
- 2 v 2 v 2 m  
- 1 ~ p 10 2 y m  
o 2 v 2 e 1 p.

U:

~ C, B, n !!

www:

o m d u d v e 4.  
1 v o d e n 2 y 2;  
m c, v o, p, j 2  
2 1 ~ 2 2 y 2 ~ 2 2 2  
- 2 2 r l ~ 2 2 e y!  
2 1 y 2 v, c, p, p 4!

U:

- 2 0 1 2 y 2

www:

- 1 / 2 o 2 2 m!  
~ d, ~ e / r 2,  
o, m - p 2 e  
- 2 d 1 p;  
2 o, e, ~ 1 r ~ 2 ~ 2 d;

-  $\text{gr} \sim \text{gr} \text{gr}$ ;  
e. /  $\text{gr} \sim \text{gr}$ .  
 $\text{gr}^{\text{d}} \sim \text{gr} \text{gr}$ ,  
-  $\text{gr}$ , -  $\text{gr} \text{gr}$ ,  
-  $\text{gr} \text{gr} \text{gr} \text{gr}$ .

6:

$\text{gr} \sim \text{gr} \text{gr}$ !

www:

e  $\text{gr} \text{gr} \text{gr}$  -  $\text{gr}$ ;  
e, c, -  $\text{gr} \text{gr}$ ,  
 $\text{gr} \text{gr} \text{gr} \text{gr} \text{gr}$ .  
D, c, e;  $\text{gr} \text{gr} \text{gr}$ ,  
- e  $\text{gr} \text{gr} \text{gr} \text{gr}$ ;  
e,  $\text{gr} \text{gr}$ ,  $\text{gr} \text{gr} \text{gr}$  -  $\text{gr}$ .

6:

$\text{gr} \text{gr} \text{gr}$ !

www:

$\text{gr} \text{gr}$ .

6:

$\text{gr} \text{gr}$   
 $\text{gr} \text{gr} \text{gr} \text{gr} \text{gr}$   
-  $\text{gr} \text{gr} \text{gr} \text{gr}$ !



www:

DC, ...  
1. ...  
2. ...  
- ...  
1. ...

U:

...  
...  
...  
...

www:

...  
...

U:

...

www:

...  
...  
...  
...  
...

df lo 15.

df lo.

val: cr?

6:

ε p ~?

df lo.

120 drc wu,

2e<sup>2</sup> e<sup>2</sup> d<sup>2</sup>;

2l, -<sup>o</sup> m c wu.

120<sup>2</sup> d o m b,

r l - p d d<sup>2</sup> b.

6 em: l, e, l d, j m d.

6:

ε p z b l ~,

o r l z k o

j m z w ~,

~ r j e

1 o d d d c; ) 2 d d e,

e b ~ d w e e n 2 d<sup>o</sup>.

df lo.

ε s o o o k u,

~ 2 k e n d m d.

4:

ε f μ - l s e - l s i

2/3 lo:

- , b ~ v y 1 6 2 b :

z z ~ m d d , b c o / d ,

z z o h e c o t u v h b ;

b b , e i z y b ~ z v ,

f c u i l v .

~ , z z ~ l m ?

4:

c o n b o ~ ?

2/3 lo:

z i d z l e h i

AM BRUNNEN

W-Br 2 v. 2.

Sh:

295 v. 2 p. 2!

W:

v. 2. 1. 2. 2. 2. 2.

Sh:

p. 2, 2. 2. 2. 2. 2.

1. 2) re. D. 2. 2.

e. e. 2. 2. 2.

W:

a-?

Sh:

-gut!

6. 2. 2. 2. 2. 2. 2. 2.

W:

D!

Sh:

— 3 r e. N m.  
a r 3 6 ~ 2 n. p m!  
e a ~ g p;  
s e n t - u p h b;  
2 6 5, 1 8 0;  
n ~ 1 6 / 1 2 2 (g h - c);  
u d ) c o s r z g ~,  
a d - n o, ) / j z u;  
p u r S R p u.  
a ~ p o - ~ p r i;  
e i e n D e u t h a!

Wh:

e n e n!

Sh:

u s t 6 2 n!  
c I e r p u a,  
I n b i r z / 2 8 0,  
g e b l n l u o;  
s i m m - R e n n n  
a e m n g e j n.  
e s u b e ) e n n,  
R e s e n d e n t h o L!

Wh:

v. 16. 10. 1. 4.

Wh:

v. 1. 1. 1. 1.

v. 1. 1. 1. 1.

v. 1. 1.

Wh:

e. 1. 2.

Wh:

v. 1. 1. 1. 1.

v. 1. 1. 1. 1.

v. 1. 1. 1. 1.

v.

Wh: (1. 2. 3.)

v. 1. 1. 1. 1.

v. 1. 1. 1. 1.

v. 1. 1. 1. 1.

v. 1. 1. 1. 1.

v. 1. 1. 1. 1.

v. 1. 1. 1. 1.

v. 1. 1. 1. 1.

v. 1. 1. 1. 1.

v. 1. 1. 1. 1.

$2!a - 4!D, a - \mu!$

ZWINGER

z' z' z' ~ abel' m e o, w r a.

W g l f w z i r.

D ~ z,

g z p r,

w d n e r ~ !

e z / r z p,

z h e z p

w b s j e o o o e.

j h w b e,

- o g z b e

z s r o' - e ~ !.

a b,

o o

' z y v r p ?

o z n o z y x w,

o - p w, o o w,

c b - e, - e ~ !

c z, m z

o o, o o, o o

r v r h o x!



10, D! r-  
10, 10, 10,

10, 10, 10,

ezj B! 20.

10, 10, 10

10, 10, 10, D!

10, 10, 10

10, 10, 10.

10, 10, 10

10, 10, 10,

10, 10, 10

10, 10, 10.

10, 10, 10 - 10!

10, 10,

10, 10,

10, 10, 10, 10!

NACHT

fo - W. n

Leur - el, W. lo. li.

c1 - o v r p,

c 2 h ) w n v,

- , p u v ~ l

\ v n , f o ,

2 r r o e r g d,

~ u t n g p d,

o o , r r b n ,

2 \ . 2 g e n y

- f 2 h e r w

- r e - r o / r e

- a : » r o p o d !

n i r r p r e,

r h h r l,

r g f e c o \ h «

\ ! \ ! n ! n ! e r r i

, ~ p u : » , o h,

o : , f S r p p l. «

e r o o - , ~ h f i

- ~ ! ~ r o r ) g h

- ~ ~ o e r 2 g h ! ~

2 f h e r , r o p

e t e r ~ r p g p !

°o ~ 107en of  
v ter faw 107en!  
- 21690  
1160/1220.

com 210722  
11/1, - 2169.  
°o, 2169  
°/10075!

6. 2169.

6:  
05210722  
2169 in 2169  
- 2169  
- 2169  
- 2169

2169.  
- 2169  
2169  
2169  
2169  
- 2169, - 2169.  
- 2169  
2169

instanz,  
econd, cond.

U:

$\sqrt{c} \cdot \gamma^2 \cdot 2, 2,$   
 $\sim, e \sqrt{2} \cdot \ln 0?$

Uf Co:

$\gamma \cdot \ln \ln \ln,$   
 $e \cdot \ln 2 \cdot \ln.$   
 $\gamma^2 \sim 1 - 2,$   
 $2 \cdot \ln \ln \ln.$

U:

$1 \sim \gamma^2, 1 \sim \ln,$   
 $2 \cdot \ln \ln \ln?$

Uf Co:

$1 \cdot \ln \ln \ln \sim \ln,$   
 $2 \cdot \ln \sqrt{2} \cdot \ln \ln.$

U:

$1 \cdot \ln \ln \ln \sim \ln,$   
 $2 \cdot \ln \sqrt{2} \cdot \ln \ln.$

25/10

1. 1/2 1/2

2. 1/2 1/2

3. 1/2 1/2

4. 1/2 1/2

5. 1/2 1/2

6. 1/2 1/2

7. 1/2 1/2

8. 1/2 1/2

9. 1/2 1/2

10. 1/2 1/2

11. 1/2 1/2

12. 1/2 1/2

13. 1/2 1/2

14. 1/2 1/2

15. 1/2 1/2

16. 1/2 1/2

17. 1/2 1/2

18. 1/2 1/2

19. 1/2 1/2

20. 1/2 1/2

21. 1/2 1/2

22. 1/2 1/2

23. 1/2 1/2

Lehr: (H)

ambeg...!

re...!

1-...!

1-...!

df lo:

1...!

Lehr:

~ ~ ~!

df lo: (1/4)

re, /...!

2 ~ ...!

202 ~ ...!

~ ...!

Lehr:

~ ~!

df lo:

re ~!

Lehr:

D ~!

df lo:

po!

Lehr:

120' L L 0!

co' en d' j' r' x v n.

df lo: (j l 6)

f o j!

Lehr: (l l)

— o!

df lo:

~ i' r' p!

~ u' r' v' s' j' g' e

e' j' g' i' ~ v' a' f' .

1' c' o' p' h' i' l' C' f' ,

o' r' r' u' n' g' l' i' p' t' e' .

wp: (r l d)

2o! 2o!

W: (r l d)

x ~ B!

WP: (0-2)

2/2 - 11, 2/2 - 11.

Ln:

2/2 - 11!

WP: (20/10)

1, 2, 3, 4, 5, 6, 7, 8, 9, 10

WP: (20/10)

2/2 - 11!

Ln:

2/2 - 11!

WP:

2/2 - 11!

Ln:

1, 2, 3, 4, 5, 6, 7, 8, 9, 10

- 11, 2/2 - 11.

2/2 - 11, 2/2 - 11!

2/2 - 11!

2/2 - 11!



~ Wh, p! e b 2 L  
b 2 2 / p r  
Ab e 2 fl.  
1 o e p L  
e b 2 ~ ~ ~ ~ ~  
— ° D m L!

Wh:

~ L e! 2! c o v e!

L e w:

o i 2 2 1 e 2 p o!  
p i e ~ ~ p  
- o 2 2 ~ ~ ° 2.  
e b 2 2 ~ ~ ~ ~ ~  
L ~ ~ ~ ~ ~  
- c p 2 ~ e y e 2,  
— o p 2, 2 y p d.

c h, y e' p ~,  
' b 2 2 / d p L,  
- 2 p ~ 2 u ~ L  
r s r l - ~;  
L, 2 2 2 2 ~ ~ ~  
d b 2 u - 2) 2 o,  
e 2 2 2 2 ~ ~ ~  
- · 2 / 2 ~ p.

$\perp \alpha \cap \beta,$   
 $\perp \alpha \cap \beta \cap \gamma.$

$\perp \alpha \cap \beta \cap \gamma,$   
 $e \rightarrow \perp \alpha \cap \beta,$   
 $\perp \alpha \cap \beta \cap \gamma,$   
 $\perp \alpha, \perp \beta \cap \gamma.$   
 $\perp \alpha \cap \beta \cap \gamma,$   
 $\perp \alpha \cap \beta \cap \gamma!$   
 $\perp \alpha \cap \beta \cap \gamma!$   
 $\perp \alpha \cap \beta \cap \gamma!$   
 $\perp \alpha \cap \beta \cap \gamma!$   
 $\perp \alpha \cap \beta \cap \gamma!$   
 $\perp \alpha \cap \beta \cap \gamma!$   
 $\perp \alpha \cap \beta \cap \gamma!$   
 $\perp \alpha \cap \beta \cap \gamma!$   
 $\perp \alpha \cap \beta \cap \gamma!$   
 $\perp \alpha \cap \beta \cap \gamma!$   
 $\perp \alpha \cap \beta \cap \gamma!$

**wp:**

$\perp \alpha \cap \beta \cap \gamma!$   
 $\perp \alpha \cap \beta \cap \gamma!$

**Lehr:**

$\perp \alpha \cap \beta \cap \gamma!$   
 $\perp \alpha \cap \beta \cap \gamma!$   
 $\perp \alpha \cap \beta \cap \gamma!$   
 $\perp \alpha \cap \beta \cap \gamma!$

W:

~ l! d ~ l!

L:

1 0, 0, L ~ 0!

e y d p b ~ ~ 0,

w v ~ z f z y f 0.

1 2 p ~ L e g l

1 2 ~ 0 0 1 - U.

g d.

DOM

$n, n-p$

$W, W, L, L, L, L, L, L, L, W$

word:

$0, 1, W, C, V,$

$0, 1, 2, \dots, n$

$x, y, z, \dots$

$\dots, \dots, \dots$

$\mu, \dots,$

$2d, \dots,$

$2d, \dots,$

$W!$

$C, \dots,$

$z, \dots,$

$C, \dots,$

$u, g, l, \dots,$

$r, d, j, m, \dots,$

$s, e, z, \dots,$

$m, \dots,$

$H, \dots,$

$-, \dots,$

$z, \dots,$

W:

o! o!

~ i ~ ~ ~ ~ ~

i v ~ ~ - ~ ~ ~ ~

E v!

2:

Dies irae, dies illa

Solvat saeculum in favilla.

~ ~ ~ ~ ~

W v:

n. b. d!

i. C. v. L!

i. h. u!

- e ~ ~ ~

o ~ ~ ~

j ~ ~ ~

E ~ ~ ~

u s!

W:

~ i ~ ~ o!

v; o ~ ~ ~ ~ ~

~ n ~ ~ ~

p ~ ~ ~ ~

*n. d. l.*

*2:*

Judex ergo cum sedebit,  
Quidquid latet adparebit,  
Nil inultum remanebit.

*W:*

*v' \_ n!*  
*1, 2, 3, 4*  
*5, 6, 7, 8*  
*9, 10, 11, 12*  
*13, 14, 15, 16*

*W 2 b:*

*17, 18, 19, 20 - 21*  
*22, 23, 24, 25*  
*26, 27, 28, 29*  
*30, 31, 32, 33*

*2:*

Quid sum miser tunc dicturus?  
Quem patronum rogaturus?  
Cum vix justus sit securus.

1026:

1/2000

1/2000

1/2000

1/2000

1/2000

2:

Quid sum miser tunc dicturus?

22:

1/2000

1/2000

WALPURGISNACHT

27.10.1978

4.10.1978

10.10.1978

10.10.1978  
10.10.1978  
10.10.1978

11.10.1978

11.10.1978  
11.10.1978  
11.10.1978  
11.10.1978  
11.10.1978  
11.10.1978  
11.10.1978  
11.10.1978  
11.10.1978

12.10.1978

12.10.1978  
12.10.1978  
12.10.1978



oLpft, puzg  
o ~ u v e l p u z z  
- u p l, e m l e r p  
~ ~ ~ ~ ~ l e n t!  
v, e i ~ N l A!  
e v o i, o, e m f l.  
z e t ~ l e! e l, d j l e n?  
c o - e y - m o - e n?  
- d - y - s l e z s!

Nl:

e r b l, z l i, - v p u;  
~ ~ ~ ~ ~ j p u;  
~ p p u p u s l.

u f l o:

! ! ! e n t ~ u p u d p u.  
n, - l e, i o l e o n!  
o d l o, p o l e n e o.

Nl:

i m c, r l - z l z,  
- - v p m d s l e n.  
~ ~ ~ ! ~ w i z z p l e  
- c ~ N l j, o r c o o  
- v p - p s l e n.

4, 2, 4, 6, 8, 10: (10 dots)

2, 4, 6, 8, 10

2, 4, 6, 8, 10

6, 5, 4, 3, 2, 1

er 1000

2, 4, 6, 8, 10!

0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10

0, 6, 7, 8, 9, 10,

-1, 10, 1, 10,

-1, 10, 10, 10,

0, 6, 7, 8, 9, 10!

1, 2, 3, 4, 5, 6, 7, 8, 9, 10

10 - 10 7.

2, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10?

2, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10,

for 10 100?

10 100, 10 100!

-10, 10, 10

10, 2, 10.

2, 3, 4, 5, 6, 7, 8, 9, 10,

10 - 10 - 10,

2, 6, 10, 10?

2, 10, 10, 10?

10, 10, 10!

-1, 10, 10, 10,

oer) o lo - ae,  
fu cae oe,  
I / fu, I / bu;  
o lo er on  
fu o (bu on  
D<sup>2</sup> oer - 1, 2 o  
oer, ju o,  
pezo - p, 2 e!  
- , bu on bu  
2 p<sup>2</sup> ju p  
ju oer, / .

u o v, u p  
u u c n?  
eo, eo ju / ju,  
lo - u, p  
ju, - , bu,  
i) u, i) u.

u f lo.

lo er ju!  
x: - ~ u  
c u ju o,  
o bu u u.

4:

o f p w p, p

~ z m z k z!

- b l z, k z p

o b o c w, z.

e s t ~ e q, e l p z e,

x v z o e d - l

e z l o o ~ p l e

e l l o o ~ l z.

x z l o - z y f r

z z e l e n) o l,

- x i p t ~

w p l o) s ~ o.

e s p l e n i z

o e f z z e i n o c.

e z s! z ~ z y z z

y e i), l e o c.

u f l o.

w l / o l b

x v ~ l l ~ l o b?

~ z, e e p z z,

z p z, y p z b.

4:

o b, o e y p, o!

z c h z ~ l l o z ~ m!

df lo:

g r b o l e o d h e c u  
o d g d b d a u z r g e W.

~ n e d h, n l.

z v, c o p, c e n n l!

g g l b n, ~

z v, - g m, o n

d h e c e t.

n - d i - b!

\ g r b o e n!

\ a g n n n - z n!

n b h e c n l e

s e r d b e

- p, s p t n l

g n - z n, n l.

z b e g n i z z?

z i l n, z i n z?

h, ~ z p u n

f d ~ c r e p e!

dl: (R2)

, d h j<sup>2</sup> l e n g,

, g l i z u, i o i h.

e n d a j) \ z o z b,

z ~ n o f n s.

- n - s f - f,

- l y, d h, - g u t \ e n.

ju:

1.  $\sqrt{u} \sim \sqrt{u}$ ,

6.  $\sqrt{5} \sim \sqrt{u}$ .

2:

—  $\sim u$ ,  $u \sim \sqrt{u}$ !

$\sqrt{u} \sim \sqrt{u}$ ! —  $\sqrt{u}$ !

$\sim \sqrt{u} - \sqrt{u}$ ,

$e \sim \sqrt{u} - \sqrt{u}$ .

ju:

$\sqrt{u} \sim \sqrt{u}$ ?

ju:

$\sqrt{u} \sim \sqrt{u}$ !

$e \sim \sqrt{u} - \sqrt{u}$ ,

$\sqrt{u} \sim \sqrt{u}$ !

ju:

—  $\sqrt{u} / \sqrt{u}$ !

$e \sim \sqrt{u} - \sqrt{u}$ !

ju:

$\sqrt{u} \sim \sqrt{u}$ ,

$e \sim \sqrt{u} - \sqrt{u}$ !

$\mathbb{Z}, \mathbb{Z}$ :

$\cdot$   $\circ$   $\vee$ ,  $\cdot$   $\circ$   $\wedge$ ,  
co-el  $\sim$   $\wedge$   $\vee$ ?  
in  $\mathbb{Z}$ ;  $\wedge$   $\vee$ ,  
en  $\mathbb{Z}$   $\mathbb{Z}$ , in  $\mathbb{Z}$ .

$\mathbb{Z}$   $\mathbb{Z}$ ,  $\mathbb{Z}$   $\mathbb{Z}$ :

$\mathbb{Z}$   $\mathbb{Z}$   $\mathbb{Z}$ ,  $\mathbb{Z}$   $\mathbb{Z}$ ,  
 $\mathbb{Z}$   $\mathbb{Z}$   $\mathbb{Z}$   
 $\mathbb{Z}$ ,  $\mathbb{Z}$   $\mathbb{Z}$   $\mathbb{Z}$ ,  
 $\mathbb{Z}$   $\mathbb{Z}$   $\mathbb{Z}$

$\mathbb{Z}$   $\mathbb{Z}$ :

$\mathbb{Z}$   $\mathbb{Z}$   $\mathbb{Z}$ ,  
 $\mathbb{Z}$   $\mathbb{Z}$   $\mathbb{Z}$ ,  
 $\mathbb{Z}$   $\mathbb{Z}$   $\mathbb{Z}$ ,  
 $\mathbb{Z}$   $\mathbb{Z}$   $\mathbb{Z}$ .

$\mathbb{Z}$ : ( $\mathbb{Z}$ )

$\mathbb{Z}$ ,  $\mathbb{Z}$ ,  $\mathbb{Z}$ ,  $\mathbb{Z}$ !

$\mathbb{Z}$ : ( $\mathbb{Z}$ )

$\mathbb{Z}$   $\mathbb{Z}$   $\mathbb{Z}$ ,  
 $\mathbb{Z}$   $\mathbb{Z}$   $\mathbb{Z}$   $\mathbb{Z}$ ,  
 $\mathbb{Z}$   $\mathbb{Z}$   $\mathbb{Z}$

ve2v:

-g t' oc, -l' g m,

·k v e w t) m.

h o o f e p t

f h e l s h u a.

pu: (L ~ r)

2 d' 2 d'!

pu: (L ~ r)

a d e e' l o n g e t'!

pu: (L ~ r)

u d' u u d' u u

· f g e s e t h,

- n ~ d' / v h

· c v m v r o s h.

ve2v:

-h' u, h' g

m h, -h' u

a z z) / m n

· d ~ u i n u.

2 u d': (L ~ r)

· k e d, - n f ;

o z, h g - v !



12/28 ~ 3  
- ~ 2 x 2/1/1/1.

2: 2:

1, 0 d 2 ~ 2 2 2  
~ 2 2 2 2  
~ 2 2 2 2  
~ 2 2 2 2

2: 2:

- 2 2 ~ 2 2  
- 2 2 ~ 2 2  
- 2 2 ~ 2 2  
2 ~ 2 2 ~ 2 2  
6. 5) 7.

2: 2:

e 2 2 - 2 2, e 2 2 - 2 2!  
e 2 2 - 2 2, e 2 2 - 2 2!  
e 2 2, 2 2 - 2 2 - 2 2!  
~ 2 2 2 2!  
~ 2 2 2 2!  
~ 2 2 2 2!  
~ 2 2 2 2!

2: (2 2)

2!

df lo:

col. e / j 2 p 0?

e, c, 1, 2, 3, 4, 5, 6, 7, 8, 9, 0.

Gj Lm Lc n d. Gj 0 C, Gj!

x, e, 6, 7! - m 2 r o j

o 5 0 2 p x 2;

- j L, - n l r o 2.

e h n - u c o l n y 0 z,

- p v c o n d h f 2

m, m, r g h e 2.

6:

e 2 6 0 e f 2! - j e r d v l n.

1 e n d, e c n n p l:

j l n o e n i c h m l,

2 5 0 2 6 j 0 2.

df lo:

e, 0 - , d w l n!

- i n 2 7 n e l o n.

R n n i n l e n.

6:

d e n r l, k o n!

j o 1 2 - o t e d.

e d f d, n j 2 0;

e, 2 0) n l o 4 o.

df. 60:

derborsant) D.

oe, 20 d - 00;

r - 2 p 20.

- d r 20,

e 2 20 d u m d r.

e o, 1 h 20, m - 00,

- 1, 1) m s.

le, 2 20;

10. m, 20. 20.

12 v 20 20 20!

20 p 20 20) 2 p m.

20! 20! - 1/20,

1 h 2 - 0 2,

- 1, 20 20.

code, 20 20 m m r.

e o - 2 20 20.

- 20 20 20

20 20, 20 20, 20 20, 20 20, 20 20

20 20, 20 20 20!

6:

- 20 20, 20 20 20,

20 20 - 20 20?

df lo:

g v 10 f l, n w t j r 2,  
d b r z m n o r e o 2.

~ m v e j h i v l e,

d · b e l o x m u j 2.

b e j z r e s i b n d z y r h i;  
z m b e p f

z b v j c o y h.

c 1 D ; ~ h i x v l.

n i ! l e n n i j l e,

1 v i c u r - e y b i l e.

j h i, i z s p e n e n o f:

r s z n, c o v l r x n r e?

1 s d j, c 1 j d y i z l e,

S o o r y p l - h r e b i

m e i t e h j 2.

z w:

a n s n n ~ h i!

w z j l b o p i;

e v 2 l o v ~ h

j h i, h r e n n.

z b:

j h i z s 2 h e y c,

1 s v i z n s i;

e h, e r e o z f,

esca. 12. 1/2

Car:

ranca 1/2  
- m. 1, cor 1/2;  
d. 1/2 (cor 2-2)  
- m. 1/2 1/2 - 1/2.

2:

carca 1/2 1/2  
Subm. 1/2  
- cor 1/2 1/2  
e. 1/2 - cor 1/2.

1/2 1/2 (cor 1/2 1/2)

1/2 1/2 1/2 1/2  
e. 1/2 1/2 1/2 1/2  
- cor 1/2 1/2  
- i. 1/2 1/2.

1/2 1/2:

ranca 1/2 - 1/2  
b. 1/2 1/2  
sua 1/2 1/2  
- 1/2 1/2  
- 1/2 1/2  
2 1/2 1/2 1/2

e/ ~ o/ j/ k/ z/ e  
` ~ u/ ~ d/ ~ l/ ~  
~ e/ D/ ~ r/ ~ s/ ~ t/ ~ u/ ~ v/ ~ w/ ~  
~ x/ ~ y/ ~ z/ ~ / ~ 2/ ~ 3/ ~ 4/ ~ 5/ ~ 6/ ~ 7/ ~ 8/ ~ 9/ ~  
~ 0/ ~ 1/ ~ 2/ ~ 3/ ~ 4/ ~ 5/ ~ 6/ ~ 7/ ~ 8/ ~ 9/ ~  
~ 0/ ~ 1/ ~ 2/ ~ 3/ ~ 4/ ~ 5/ ~ 6/ ~ 7/ ~ 8/ ~ 9/ ~  
~ 0/ ~ 1/ ~ 2/ ~ 3/ ~ 4/ ~ 5/ ~ 6/ ~ 7/ ~ 8/ ~ 9/ ~  
~ 0/ ~ 1/ ~ 2/ ~ 3/ ~ 4/ ~ 5/ ~ 6/ ~ 7/ ~ 8/ ~ 9/ ~

df lo.

b/ r/ ~ o/ ~ g/ ~ v/ ~ z/ ~ f/ ~  
p/ ~ q/ ~ r/ ~ s/ ~ t/ ~  
u/ ~ v/ ~ w/ ~ x/ ~ y/ ~ z/ ~  
~ 0/ ~ 1/ ~ 2/ ~ 3/ ~ 4/ ~ 5/ ~ 6/ ~ 7/ ~ 8/ ~ 9/ ~

U:

e/ ~ v/ ~ / ~ b/ ~ w/ ~  
z/ ~ o/ ~ v/ ~ e/ ~ d/ ~ w/ ~

df lo.

` ~ u/ ~ f/ ~ e/ ~ f/ ~ d/ ~ u/ ~  
e/ ~ z/ ~ / ~ z/ ~ - ~ e/ ~ p/ ~ u/ ~

U:

c/ ~ e/ ~ e/

df lo:

M b ps!

P. e.

q:

c.?

df lo:

ob & b.

sd, R m g u z u,

— qz, z<sup>2</sup> b p h.

cbel ~ h u u d,

— b b r u e l e h u.

q:

es of j, i, s i h u i

i, z j c o b f u i!

df lo:

e o ~ z z ~ v.

— u j ~ z h y, m ~ v. i r z h y.

q: (i h u h y o)

d i, ~ z u h

e o o, ~ h u,

f z u h z f u,

b ~ f v, i p z u.

1. 2:

\ell h u n r o,

- 2 S C r o s.

S L e b, v P u d,

e D r u w 2 H.

2. 3. (2-5)

\ell 1, \sim d h

e o, \sim p' u

\ell \sim p r o s;

- 2 o, c, b r d.

1. 4:

1. u r u b o

2. u r r b e l o!

2. \ell \sim S h P e w,

c. e l o s / z r.

3. 4. 5. 6. 7.

S h o L e r! c o f f r r s?

o r s r u / u o:

\sim 2 b g r s r e l l o?

\sim h f r u, J h r p r s!

1. 2. (4/5)

c o - e i s r i u!



4: (4/3)

1! · 2!

2! · 3! · 4!

3! · 4! · 5!

4! · 5! · 6!

5! · 6! · 7! · 8!

6! · 7! · 8! · 9!

7! · 8! · 9!

8! · 9!

9!

Laub:

1! · 2! · 3! · 4!

2! · 3! · 4! · 5!

3! · 4! · 5! · 6!

4! · 5! · 6! · 7!

5! · 6! · 7! · 8!

6! · 7! · 8!

1/2:

— 2! · 3! · 4! · 5!

Laub:

1! · 2! · 3! · 4!

2! · 3! · 4! · 5!

3! · 4! · 5! · 6!

-1 huf.

$2, 0, 1, -v, 1, \mu;$

$\partial - \sqrt{0, 2, 1, \mu 2}$

$-2 \ell 2 - v, 1, \mu 2$

$1, \ell - 1, \mu, 1, \mu;$

uf lo.

$(1) 2 \mu - \ell, \mu,$

$e, 1, \mu, 0, 1, \mu,$

$-0, 1, \mu) \sim 0, 1, \mu, \mu,$

$\cdot 1, 2, \mu - 1, 2, \mu, \mu.$

$1, \ell, 1, 2, \mu, \mu;$

$0, 0, 1, 2, \mu, \mu,$

$0, 0, 1, \mu - 1, \mu?$

uf:

$1, 2, \mu, \mu, \mu$

$\sim \sqrt{0, 2, \mu, 1, 2, \mu}.$

uf lo.

$e, 0, 1, 2, \mu, \mu, \mu,$

$\mu, 1, 2, 0, 1, \mu,$

$0, 1, 2, \mu - 1, \mu?$

4:

er 0, m

alg. lo.

ca?

4:

alg., b, e, e

~ 60, 200, 100 - 1000?

6, 7, 8, 9, 10, 11,

6, 7, 8, 9, 10, 11, 12.

10, 11, 12, 13,

e, 6, 7, 8, 9, 10.

alg. lo.

oe → f, a, d, m, c.

- i ~ m, l, k, o, ~ t:

p, j, m, n, i, r:

f, g, w, y, v, o, u, p, k, s,

- f, b, z, f, m, t;

f, r, e, o, e, t, p, d.

4:

ka, i, z, n, ~ m,

, ~ m, e, x, / z, o.

e, i, f, b, i, m, v, p, m,

e, i, f, b, i, m, v, p, o.

2/3 lo:

e: ju, y, l, b, t, u!  
e, t, o, r, n, d, o, o, s, t, h, e.

4:

d - c - u! d - u!  
i, n, s, e, r, i, z, e.  
o, d, r, o, g, z, u, z, o  
~ s, p, i, t, o, g, e, z, u,  
l, l, o, ~ r, o, m!

2/3 lo:

z, y, l, i, o, - u, l, e, o.  
o, n, e, x, p, l, i, c, i, t, u, r, e,  
e, l, o, o, z, o, r, u, p, p, e.  
~ m, a, d, j, a!  
~ r, e, d, e, r, t, h, z,  
x, b, - f, o, r, t, h,  
- o, r, v, o, l, u, t, e,  
- o, r, c, u, ~ u, r,  
c, o, n, t, e, r, i, t?

2/3 lo:

s, l, u, t, u, r, e.  
~ s, o, f, t, e, d, f, o, r, s, o.  
T, y, n, i, s, a, b,  
~ o, n, l, y, f, u, r

- ext. prod.

$f, \tau, \sigma, c_1, \dots$   
 $\text{Dom } f \sim \text{range } f$

def. 6.0:

$c_1 \rightarrow s^2 \text{ variable}$ ;  
 $e \text{ } \tau \text{ } \sigma \text{ } \tau \text{ } \sigma \text{ } \tau \text{ } \sigma \text{ } \tau \text{ } \sigma$

# WALPURGISNACHTSTRAUM

er

mo-wo

erz

my

und:

erz

erz

erz

erz!

er:

erz

erz

erz

erz

er:

erz

erz

erz

erz

ζ:

z' - (n-1)E  
- z' ~ b\_0 R \sqrt{z\_i};  
z' ~ n z',  
) D R / L z\_i

η:

z' ~ a  
z' ~ L z\_i;  
L h ~ a ~ n,  
D ~ D, z' ~

μ:

z', 1) h ~ a,  
z' ~ L z\_i!  
c) z' ~ a,  
z' ~ z' z'.

ν:

z' ~ a - h, h,  
- b\_0 ~ a c,  
L z' ~ D^2 z' b,  
- ~ a ~ a ~ c.

ω: (L z' b)

z' ~ a ~ a  
z' ~ a ~ a,

$\log p_1 - \log p_0$   
 $e^2, 26 \sqrt{!}$

o :

$\sigma, \epsilon, \omega, \nu, \epsilon, \rho!$

$\cdot, \circ, \text{has.}$

$2 \sqrt{\sim} \text{zuzuz}$

$\rho \sigma \text{ } \rho \sigma$

$2 \sigma, \nu, \rho, \sigma!$

$\rho \sigma \rho - \sim \rho \sigma$

$- \rho \sigma \rho \rho \rho!$

$\rho \sim \rho \sigma \rho - 1,$

$\rho \sigma \rho - \rho \sigma \rho.$

$\sim \rho \sigma:$

$\rho \sigma \rho - \rho \sigma \rho$

$\rho \sigma \rho - \rho \sigma$

$\rho \sigma \rho \rho \rho \rho$

$\rho \sigma \rho / \rho \sigma \rho.$

$\sim \rho \sigma \rho \rho:$

$\cdot \rho / \rho \sigma \rho \rho!$

$\rho \sim \rho \sigma$

$\rho \sigma \rho \sim \rho \sigma \rho,$

$\rho \sigma \rho \rho \rho!$



~eβ:

~n~n~zj!  
dud, oyl:  
-v, r, r, r, r,  
-i, D, ~L.

~of~n~d:

co, r, l, e, z,  
la → obco;  
d, w, r, d, j  
j, r, r, r, r.

~b:

D, r, p, r, l, r, r,  
o' / r, r, r!  
-s' r, r, r, r, r,  
z, r, r, r, r.

~d:

'Ce' → o' ~  
l, d' - r, r, r, r,  
r, r, r, r, r, r, r,  
-r ~ r, r, r, r, r.

~v:

r, r, r, r, r, r,  
r, r, r, r, r, r!

22b, d r h - w  
- o r l, h

22b:

luff - vno  
rgr v l, w!  
ly r a - b r b,  
- w d d r w!

22b: (D' - o)

pf, o r o r n:  
w d r l!  
- l p r, u l r,  
i r h y e d r!

22b: (D' - o)

- 4) / l e r s,  
b e / p r,  
- r i r o r d  
r i r e p r.

22b:

o r o r r e s,  
i r n e r g h e r s,  
o r, i r n a s,  
D o r j e n.

2.30:

σ, σ b z p z

σ z p z!

σ σ σ b z z,

b z z z z.

2.31:

z z z z z

z z z z z;

z z z z z

z z z z z.

2.32/2.33:

z z z z z.

z z z z z!

z z z z z,

z z z z z.

2.34/2.35:

σ, σ z b z z z!

z z z z z.

z z z z z.

» z z z z z.«

2.36:

z z z z z

- z z z z z;

2011 ~ 2020

1924 ~ 1927:

chc:

h, l, k, v, z, u;

io ~ so;

60h, s<sup>2</sup> ~ 20h, z

20h ~ 20h:

hji:

en v h c ~ 20 2?

12 ~ 12 h k.

» 10 h! ~ 20 h

1 ~ 20 h «

hjb:

o h e d, l ~ d!

), o, n, 20h!

~ n, h, l; 60 20

- h, o, e.

lev:

e 20) z, e, s, h,

- 20) m e b;

~ 10 h ~ 20;

o h' ~ u, yu:

enm:

1. 0 2 1 1 2 2,  
1 0 2 2 2 2 2.  
2 2 2 0 2 2 0 0;  
0 2 2 0 0 0 2 2 2 2

sub:

1 2 2 2 2 2 2 2  
2 2 2 2 2 2 2 2.  
2 2, 0 1 2 2 2 2,  
— 2 2 2 2 2 2 2 2.

sub:

2 2 2 2 2 2 2 2  
— 2 2 2 2 2 2 2;  
2 2 2 2 2 2 2 2  
1 2 2 2 2 2 2 2.

sub:

2 2 2 2 2 2 2 2  
— 2 2 2 2 2 2;  
2 2 2 2 2 2 2 2  
2 2 2 2 2 2 2 2.

sub:

2 2 2 2 2 2 2 2  
— 2 2 2 2 2 2 2 2.

slb d-yl-;  
ev, NAG.

slb:

ly R<sub>2</sub>-b R<sub>2</sub>,

slb!

luy-vno,

r<sup>e</sup> d<sub>2</sub>!

1, p<sub>2</sub>:

ob [Sanssouci], — 2 b e z

l b p l;

s ~ b<sup>o</sup> r<sub>2</sub>/r,

q<sub>2</sub> r<sub>2</sub> s ~ r l.

1, p<sub>2</sub> l:

o d<sub>2</sub> r<sub>2</sub> h<sup>o</sup> f f,

r<sub>2</sub> r<sub>2</sub> l!

± r<sub>2</sub><sup>2</sup> q<sub>2</sub> f,

r<sub>2</sub> l s r<sub>2</sub> o.

slb:

l<sup>2</sup> q<sub>2</sub> r<sub>2</sub> l,

o r<sub>2</sub> l q<sub>2</sub> f;

d<sup>2</sup> r<sub>2</sub> l r<sub>2</sub> l r<sub>2</sub> l

l r<sub>2</sub> l r<sub>2</sub> l.

impl:

$\sigma^2 \sigma \sigma \sigma \sigma$

$\rho_{ij} = -\rho_{ji}$

$\rho_{ii} = \rho_{jj} = 1$

all vs, ...?

rb:

$G - G' = \sqrt{2}$

$- \sqrt{2}, \sqrt{2}$

$\sqrt{2} \sim \sqrt{2}, \sqrt{2} \sim \sqrt{2}$

$\sqrt{2} \sim \sqrt{2}$

G:

$M - \sqrt{2}$

$\sigma \sim \sqrt{2}$

$- \sqrt{2} \sim \sqrt{2}$

$\sqrt{2} \sim \sqrt{2}$

rb:

$\sqrt{2} \sim \sqrt{2}$

$\sqrt{2} \sim \sqrt{2}$

$\sqrt{2} \sim \sqrt{2}$

$\sqrt{2} \sim \sqrt{2}$

rb: (arb)

comp - ...

...)

$\mathcal{H} \rho_a - \mathcal{D} \rho_a \sim,$

$- \text{so } \text{iff } \rho_a.$



TRÜBER TAG. FELD

U. d. f. l. o.

U:

R. d. f. l. o. u. s. i. e. n. N. - m. f. u. s.  
v. m. R. m. j. g. n. l. e. n. u. p. t., e. z. e. p. t.  
p. l. i. e. a. e. a. m. u. p. t., i. d. e. n. z. b. - e. o. e. v.  
s. d. i. m. p. t., p. l. e. j. l. e. g. n. u. m. p. e. r. n. e.  
z. i. p. - y. v. e. p. h. e. m. a. l. f. u. n. i. p. l. e. n. s. e.  
w. o. z. b. s. m. - i. d. e. n. p. o. u. p. t. - i. d. e. n. z. z.  
u. p. t. f. f. z., u. d. v. m. d. e. n. h. u. - b. o. z. l. e.  
e. n. i.

U. d. f. l. o.

6. 1. 1.

U:

z. i. p. - y. v. e. p. h. e. m. a. l. f. u. n. i. p. l. e. n. s. e.  
z. o. z. e. p. l. e. a. ) d. i. d. e. n. p. l. e. u. z. p. t. u. z.  
z. u. o. o. e. u. l. o. j. n. e. m. - ) z. e. p. t. e. n. s. i. j. a. m.  
j. a. n. u. e. r. e. z. o. p. o. l. e. z. e. u. v. R. o. e. s. t. u.  
d. i. r. z. l. o. h. e. u. e. n. i. m. » i. d. e. n. h. u. !  
h. u. ! I. n. u. p. o. j. l. o. e. n. o. n. p. l. e. z. i. d. e. o.  
s. e. o. u. r. e. l. e. t. p. u. l. i. z. e. n. s. u. z. o. o. e. n.  
l. e. o. t. ~ z. o. o. j. p. e. n. ! u. d. u. m. - u. p.  
e. s. e. r. u. p. m. e. h. o. b. p. o. s. e. g. r. o. s. t. e. n. z. !

2/3 lo.

~ 2 r j E ~ l y i o c p, e, c / r j p i b s p d.  
c u r b e y p u f / r j c e y b / d b u n i - b u - b i  
j e / b i e n r j e r s, e e d i

6:

l y e b o m j u v / m! v n i m l o, m a  
z b, i e v / j u n d e t, i e z z y n b - z o,  
c u r ~ j e p u r v j e i, ) a j e c e i - a e t e r )  
j i

2/3 lo.

r o d e i

6:

r b - e c o e! ~ b o b l y s d s l a e!

2/3 lo.

r n, i e o v b o / o, o b o / b u m » r b l e m  
c a c o, i b n e t e r j f ? i e e y?

6 u t o e r p.

2/3 lo.

r b e y d i e n i c, e, i j e r j e n l p u  
o e! ~ j e r m i e n j j e n, e - m u d, ) z e n j  
d j r h.

4:

W 2!6°L o!

df lo:

- , h, e d o g b? o o, 2 d s' g d u p e s e r x. s°  
g m f r g u v d e r b - s u s ~ e r e n  
r e.

4:

2 e s e r? r e - l e r d s d p p z! l r v 2, o 1,  
- d b.

df lo:

1 l r d, - c o 1 l r, 2 v! 2 1 - v d r r e - s r e!°  
m o b - 1 r e n, v d r d - p o - l r b 2 o l u p i =  
x e! 1 d, 1 p l r e 2 w, 1 l r s). e r r 1.

4:

s - e s!

NACHT, OFFEN FELD

$\mathbb{C}, \text{df } \mathbb{C}, \text{ s. } \text{Zur } \text{ber } \text{ed } \mathbb{C}$

$\mathbb{C}$ :

$\cos u, e^{\sqrt{2} \sim \text{df}}!$

$\text{df } \mathbb{C}$ :

$\cos, \cos \sim \mathbb{Z}$ -gr.

$\mathbb{C}$ :

$\text{gr } s, \text{gr } u, \sim \mathbb{Z}, \mathbb{Z}$ .

$\text{df } \mathbb{C}$ :

— Bsp.

$\mathbb{C}$ :

$\text{df } \mathbb{Z} - \mathbb{C}$ .

$\text{df } \mathbb{C}$ :

$\sim \sim$

KERKER

42  $\sqrt{2} \sqrt{2} \sqrt{2} - \sqrt{2}, \sqrt{2} \sqrt{2} \sqrt{2}$ .

4:

$\sqrt{2} \sqrt{2} \sqrt{2} \sqrt{2}$

$\sqrt{2} \sqrt{2} \sqrt{2} \sqrt{2}$

$\sqrt{2} \sqrt{2} \sqrt{2} \sqrt{2}$

$\sqrt{2} \sqrt{2} \sqrt{2} \sqrt{2}$

$\sqrt{2} \sqrt{2}, \sqrt{2} \sqrt{2}!$

$\sqrt{2} \sqrt{2}, \sqrt{2} \sqrt{2}!$

$\sqrt{2} \sqrt{2} \sqrt{2} \sqrt{2} \sim \sqrt{2} \sqrt{2}$ .

$\sqrt{2} \sqrt{2} \sqrt{2} \sqrt{2} \sqrt{2} \sqrt{2}$ .

$\sqrt{2} \sqrt{2}, \sqrt{2}$

$\sqrt{2} \sqrt{2} \sqrt{2}!$

$\sqrt{2} \sqrt{2}, \sqrt{2}$

$\sqrt{2} \sqrt{2} \sqrt{2}!$

$\sqrt{2} \sqrt{2} \sqrt{2}$

$\sqrt{2} \sqrt{2}$

$\sqrt{2} \sqrt{2} \sqrt{2};$

$\sqrt{2} \sqrt{2}, \sqrt{2} \sqrt{2} \sqrt{2};$

$\sqrt{2} \sqrt{2}, \sqrt{2} \sqrt{2}!$

Q: (270°)

0 ~ 1, e^{-i\pi/2}

1 ~ 2, e^{-i\pi/2}, e^{-i\pi}

~ 3

WWS: (15° ~ 180°)

0! 0! 0 ~ 1 ~ 2 ~ 3 ~ 4

Q: (✓)

g! g! 1 ~ 2, 0, 1, 2 ~ 3

WWS: (1 ~ 2 ~ 3 ~ 4)

0 ~ 1 ~ 2 ~ 3 ~ 4 ~ 5

Q:

g', 0 ~ 1 ~ 2 ~ 3 ~ 4 ~ 5

~ 6 ~ 7 ~ 8 ~ 9

WWS: (1 ~ 2 ~ 3 ~ 4)

0 ~ 1 ~ 2 ~ 3 ~ 4

5 ~ 6 ~ 7

8 ~ 9 ~ 0 ~ 1 ~ 2 ~ 3 ~ 4

5 ~ 6 ~ 7 ~ 8 ~ 9

0 ~ 1 ~ 2 ~ 3 ~ 4 ~ 5 ~ 6 ~ 7 ~ 8 ~ 9

0 ~ 1 ~ 2

3 ~ 4 ~ 5 ~ 6 ~ 7 ~ 8 ~ 9

0 ~ 1 ~ 2 ~ 3 ~ 4 ~ 5 ~ 6 ~ 7 ~ 8 ~ 9

zurück, -earmen.  
sailonid;  
post-ny, unff.  
voll-pf!  
zurück, co, op!  
voll-mo, la,  
voll-mo, la, pa!

6:

c, ~h, sp!

was:

10 ~ny, 2e, d.  
voll - be, se, d, h, m.  
12f - 4ny, d;  
6 ~ny, 2v, j, m, m,  
- an, m, 1, 1, 2v, d.  
- 2e, c, 1, 1, 1, 1.  
6 ~ny, 2v, j, m, m, m, m!  
~ 1, 2v, d, 1, 1, 1, 1,  
a, 2v, d, 1, 1, 1, 1!

6: (all) 7)

~ 2v, d, 1, 1, 1, 1,  
1, 2v, d, 1, 1, 1, 1.

www: (all) 1, 1)

— 0 5 m, 2 m phi!

0! 1 or phi,

1' zu

0 1, 2 u!

` 1 0,

2 b - 1 u r N,

1 u ~ p 0!

6: (1)

1 1! 1 1!

www: (1000)

e c u° 1 c o p u!

0 p 1 s. 1 u h l e n a.

C: 1 1 1 r h 2 u.

1 u l! u° 1 u c u.

~ 0 ~ 2 0 - 1 l p,

~ 0 1 u p u!

1 l 1 1! 1 p c 1' zu.

2 u 2 u - 1 u 1' 2 u,

1 ~ 1 u, 1 l p 2 u

1 u 1 ~ 0, ~ 1 u l u.

6:

1 u!



www:

g d! a - 2 r!  
~ 60. p! p! c a: e l!  
c a, n d o m s! n h!  
g d! n d, d j n.  
1 u m!  
j, f o e e  
s, d j f r o  
- 2 w w  
c, - w d e w

q: (pvc)

n u! n u!

www:

- c  
c, d - m, c e c b.  
m o e.

q:

-!  
c e / b  
c d L H w w.

www:

d e n / u n d?  
u l o - r y f v d d

- 20 10 10 10

10 10 10 10 10 10

10 10 10 10 10 10

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10 10 10 10

10

10 10 10 10 10 10

10 10 10 10 10 10

10 10 10 10 10 10

10 10 10 10

10 10 10 10 10 10

10

10 10 10 10

www:

g r b, l o ~ o,  
s d e r p e r z o.  
o n d, e e d ~ v / z b?  
- c b e r, z l e, c e y d b?

g:

n! n! g c l, d n.

www:

z z n, r y l l,  
z n e, r t h d.  
c a - l e - v p u t?  
e r D. m e y b! r z - n  
r e x e! - i n h!  
e r x e! m D, r b l!  
c f b n! o r p e r,  
i b r.  
D z! c o r e p!  
g r ~ e n ~,  
r u t d e!

g:

s e n n n n o,  
g l d r r

www:

~, 926822  
 1-0, 2000,  
 1, 26, 000  
 2200;  
 ~ 22 ~ 16 600,  
 2200 → 2200,  
 220000,  
 → 2200!  
 - 2200 2200, 2200.  
 2200 2200 2200!  
 2200 2200,  
 2200 ~ 2200, ~ 2200!  
 2200 → 2200,  
 2200, 2200, 2200,  
 2200 2200,  
 - 2200 - 2200 - 2200.

6:

600, 600, 600, — 600!

www:

600!

6:

600.

www:

• ekeo,

sd'le, — rd!

Sx no d'zu

— c n p

g r b n p! — 2 p, — 1, 2!

q:

g r! — — — !, r g h!

www:

• erll; l'p. 9/2 h.

co 2ll, b'p: b s n d v s.

• — se, un / v

— 2 y r u s p!

• — se, i' h e z h

— b c p d d h!

q:

• l l l o

www:

• p! p!

• e n n o n!

• p! p ~ o

• n d 2 s,

• s ~ p,

$z \sim \text{col } z,$   
 $m, c, \text{long},$   
 $r \checkmark.$   
 $bo \rightarrow \checkmark!$   
 $\rightarrow) m,$   
 $\rightarrow \mu \checkmark!$   
 $\rightarrow ! \rightarrow !$

4:

$wo \text{ } \partial \partial!$   
 $\rightarrow \sim \mu, \text{--- } \partial \text{ } \partial!$

www:

$cur \rightarrow \sim w \checkmark!$   
 $e, \partial \text{ } z \text{ } u \text{ } s \text{ } r \text{ } g,$   
 $\text{--- } \partial \text{ } \partial \text{ } \partial \text{ } \checkmark \text{ } \checkmark!$   
 $e, \partial \text{ } z \text{ } u \text{ } s \text{ } r \text{ } g$   
 $\text{--- } \partial \text{ } \checkmark \text{ } \checkmark \text{ } \checkmark$   
 $\partial \text{ } \partial \text{ } \checkmark \text{ } \checkmark \text{ } \checkmark \text{ } \checkmark \text{ } \checkmark \text{ } \checkmark \text{ } \checkmark,$   
 $\partial \text{ } \checkmark \text{ } \text{--- } \checkmark, \partial \text{ } \partial \text{ } \checkmark \text{ } \checkmark.$   
 $\partial \text{ } \checkmark \text{ } \checkmark \text{ } \checkmark \text{ } \checkmark \text{ } \checkmark$   
 $\text{--- } \checkmark \text{ } \checkmark \text{ } \checkmark \text{ } \checkmark!$

4:

$\text{all } z \text{ } \sim \text{ } \partial \text{ } z, \text{all } \sim \text{ } \partial \text{ } z,$   
 $\text{--- } \partial \text{ } \partial \text{ } \partial \text{ } \checkmark \text{ } \checkmark \text{ } \checkmark.$

www:

o p! ~, ~ e ~ p!  
b o p! - ~ e p!  
o d ~, ~ e ~ p!

6:

\ n h! p h! p h!

www:

n! h, - 'n! ~ f n e ~ 2;  
~ e ~ p n d, ~ o!  
a ~ e, e e ~ p ~ h d.  
o ~ e ~ p!  
- i ~ p!  
r ~ e ~ e;  
n / ~ e ~ p.  
i ~ e ~ p), ~ e ~ p!  
\ G, ~ e  
~ e / ~ e.  
i ~ e ~ p, e ~ p ~ h d.  
o ~ e ~ p ~ e - ~ e!  
j ~ e ~ p ~ e ~ p.  
j ~ e ~ p ~ e ~ e  
i ~ e ~ p, ~ e ~ p.  
j ~ e ~ p, ~ e ~ e!

4:

— C 1 n p m!

df Co: (y/10)

s! — e r — e m.

o p m! j e n — G e n!

z B e z e n,

z m e n s.

w m:

o f t e<sup>2</sup> l e n s?

! ! z ~ l!

o — z<sup>2</sup> z m — l?

z — l!

4:

g° m!

w m:

l z m! o z, l s m!

df Co: (y/4)

m! m! s o d z r p f.

w m:

e o, s h! z l!

z m! z m z m,



nl / v, v, uan!  
2nl! v l - o.

nl / lo.

o: / l!

nl: ( / u)

nl!

nl / lo: ( / l)

nl / v!

nl / l.

nl: ( / u, u, u)

2nl! 2nl!







