

1. 10/1

10/1, 2, 3, 4

10/1, 2, 3, 4, 5

10/1, 2, 3, 4, 5, 6

10/1, 2, 3, 4, 5, 6, 7

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

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

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

10/1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11

10/1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12

10/1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13

1.  $ls$   $Pr$   $er$   $er$   $f$ ,

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

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

$100$   $101$   $102$   $103$   $104$   $105$   $106$   $107$   $108$   $109$   $110$   $111$   $112$   $113$   $114$   $115$   $116$   $117$   $118$   $119$   $120$   $121$   $122$   $123$   $124$   $125$   $126$   $127$   $128$   $129$   $130$   $131$   $132$   $133$   $134$   $135$   $136$   $137$   $138$   $139$   $140$   $141$   $142$   $143$   $144$   $145$   $146$   $147$   $148$   $149$   $150$   $151$   $152$   $153$   $154$   $155$   $156$   $157$   $158$   $159$   $160$   $161$   $162$   $163$   $164$   $165$   $166$   $167$   $168$   $169$   $170$   $171$   $172$   $173$   $174$   $175$   $176$   $177$   $178$   $179$   $180$   $181$   $182$   $183$   $184$   $185$   $186$   $187$   $188$   $189$   $190$   $191$   $192$   $193$   $194$   $195$   $196$   $197$   $198$   $199$   $200$

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

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

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

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

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

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

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

- und die: "und für"

einmalig

und die für;

2- und einmalig,

1- und einmalig.

- und die: "und für"

1- und einmalig.

- und die: "und für"

- und die: "und für"

und die: "und für"

- sechsmal,

2. 2<sup>2</sup>mal,

1. 2mal,

0. 1mal.

erstermal,

1. 2mal,

- 1. 2mal,

- 1. 2mal,

erstermal,

- 1. 2mal,

0. 1mal.

- 15° N, ~ b. v. c;

o c, D f m - w m

- i, p, i, b, p m

e f o m h s b u f e,

' r o f a e p f e,

m p h m i l e,

- ' o e f i ' j u.

e s o m, ~ h - c - l,

i, r e f f o s u i:

», n° f r o m!

1.  $\sim$ ,  $f_{\text{er}}$ ,  $R_{\text{um}}$   $f_1$

1.  $\sim$ ,  $-$   $c_6$   $\text{um}$

-  $1.0$ ,  $f_{\text{el}}$   $\sqrt{2}$ ,

-  $2.0$   $l_{\text{er}}$   $\sqrt{2}$ "

$\partial$   $d_{\text{er}}$   $\sim$   $)^{\circ}$   $f_{\text{ro}}$   $c_1$ ,

-  $c_{\text{u}}$   $s$   $c_{\text{u}}$   $f_{\text{u}}$ ,

-  $f_{\text{er}}$   $\sim$   $f_{\text{er}}$   $\text{um}$ .

$e$   $\sqrt{2}$   $\sim$   $\sqrt{2}$ ,  $e$   $\sqrt{2}$   $\sim$   $\sqrt{2}$   $)_2$

-  $c_{\text{u}}$   $)_2$   $\sim$   $\sqrt{2}$   $c_{\text{u}}$   $c_1$ ,

-  $\sqrt{2}$   $f_{\text{er}}$   $\sim$   $\sqrt{2}$

$\sim$   $f_{\text{er}}$ ,  $\sim$   $\sqrt{2}$   $\text{um}$ .

- p l e h - 1 l

- e n i <sup>2</sup> v e r z i ;

e n g l i , v e v z

z o o c e o l l a l ,

~ l e p g v e , - p v e v e

- n i <sup>o</sup> v e r s

z e v e p u n n o .

„c o — l i ? ” v l l , v j u l l ,

„1 2 / o r n u ,

e r o <sup>2</sup> v e r n ! ”

-  $\sigma_1, \sigma_2, \sigma_3$ :

„ $\sigma_1 \sigma_2 \sigma_3 = i$ “

-  $\sigma_1 \sigma_2 = i \sigma_3$

$\sigma_2 \sigma_3 = i \sigma_1$

-  $\sigma_1 \sigma_3 = -i \sigma_2$

-  $\sigma_2 \sigma_1 = -i \sigma_3$

$\sigma_3 \sigma_1 = i \sigma_2$

„ $\sigma_1 \sigma_2 \sigma_3 = i$ “

$\sigma_1 \sigma_2 \sigma_3 = i$

-  $\sigma_1 \sigma_3 = -i \sigma_2$

-  $\sigma_2 \sigma_3 = i \sigma_1$



- 2. Diefel - 6<sup>te</sup>

2/2, 0 10<sup>te</sup> 2/2

- 2/2, 1/2

- 0, 2<sup>te</sup> 10<sup>te</sup>, 1/2, 2/2

2/2 - 10<sup>te</sup> - 10<sup>te</sup> 2/2

- 10<sup>te</sup> 1/2

- 10<sup>te</sup> 1/2

- 10<sup>te</sup> 1/2

- 10<sup>te</sup> 1/2

- 10<sup>te</sup> 1/2

- f o e n d . i . f o p ;

- r e l o s b p ;

e 2 d . i . c t b o n :

„H' r o n g p n .”

- i n d l p l ~ r e l o ,

~ h i o r e l e n ;

e 2 p n ~ r e s f e n

S l u , p n S o m o ;

- m r d p b p l o ,

o 2 o r e n p l ;

insof ~ ph:

„p!g sb ~ l e / r,

— se ~ n n!

~ l e ~ e ~ n.

Spe / se p d.

22 be o' Er,

Re d ~ p n n

2 ° p n / n "

— · / p d, — a p /,

~ n, — n n n,

— ° p d ~ l e p n.



- f u l l e L e n g e ,

i n n e r l i c h e

- c u n z e - L e

e s t u n z e L e n g e ,

- f u l l e L e n g e ,

b e z u g s l o s e ,

b e z u g s l o s e .

- w i e s e L e n g e ;

e s t u n z e L e n g e ,

u n z e L e n g e

- 1. L, b, d, m, n, o, p, q, r, s, t, u, v, w, x, y, z

- 2. m, n, o, p, q, r, s, t, u, v, w, x, y, z

1. f, g, h, i, j, k, l, m, n, o, p, q, r, s, t, u, v, w, x, y, z

2. r, l, e, 'n, !"

(P. 20)





