

'99 - 4

An International Comparative Study on the External Format  
and Editorial Design of Textbook

2000. 2

'99 - 4

An International Comparative Study on the External Format  
and Editorial Design of Textbook

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(	)	(	가 )
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( 2	)	(	( ))
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(	)	(	가 )
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1999

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2000 2

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7

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21

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가

가 .

(major countries)

가 .

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가

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1.

. 70% .  
 . 가 ,  
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 ○ : 122 .  
 (122), (126), (101) 가 . ,  
 가 .  
 ○ : . ,  
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 . 가 , .  
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 ○ : ,  
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 ○ 가 : 가가 가 , 가  
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2.

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 ○ : 가 (1 ) 가 .  
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 가 .  
 ○ :  
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 ○ :  
 가  
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 ○ :  
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### 3.

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 ○ : 6-3-3-4 가  
 .  
 7 , 1 ( ), 2 ( )  
 .  
 ○ : 5 (primary school) secondary  
 school( ) 12 ( 13 )  
 16 , 2 Sixth-Form College  
 College of Further Education .

가

가

○ : 가 6-3-3-4 , 6-2-4-4 ,  
8-4-4 , 6-6-4 , 5-3-3-4 6-3-3-4 가

가

○ : ( 2 3 5 ) ,  
( 6 10 ) 5 , ( 11 17 ) 4 ( )  
3 ( )

○ : , 1 가  
2 1, 2 가 가 ( )

○ : 6-3-3-4 ,  
가 ( )

1.

가

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2.

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# 【                      】

·	.....	1
1.	.....	1
2.	.....	2
3.	가 .....	4
·	.....	5
1.	.....	5
2.	.....	28
·	.....	31
1.	.....	31
2.	.....	36
3.	.....	70
·	.....	75
1.	.....	75
2.	.....	77
3.	.....	81
4.	.....	114
·	.....	135
1.	.....	135
2.	.....	156
<hr/>		
<hr/>		
.....		165
■	.....	167
1.	· (                      ) .....	167
2.	· .....	179

■ 2000	.....	199
1.	.....	200
2.	.....	205
3.	.....	208
	.....	210
	.....	229

**[**

- 1	( )	.....	39
- 2		.....	46
- 3		.....	63
- 4	· 1	.....	66
- 5		.....	67
- 6		.....	68
- 7		.....	68
- 1	( )	.....	76
- 2	·	(1) (2) .....	82- 83
- 3	·	( ) (1) (2) .....	85- 86
- 4	·	( ) (1) (2) .....	87- 88
- 5	·	( ) (1) (2) .....	90- 91
- 6	·	.....	93
- 7	·	( · ) .....	95
- 8	·	· .....	97
- 9	·	· (1) (2) .....	99- 100
- 10	·	.....	102
- 11	·	.....	104
- 12	·	(1) (2) .....	106- 107
- 13	·	.....	109
- 14	·	가 ISBN .....	111
- 15	·	( ) .....	115
- 16	·	( ) .....	116
- 17	·	( ) .....	117
- 18	·	( ) .....	118
- 19	·	( ) .....	119
- 20	·	( ) .....	120
- 21	·	( ) .....	121
- 22	·	( ) .....	122

- 23	·	(    )	..... 123
- 24	·	(    )	..... 124
- 25	·	(    )	..... 125
- 26	·	(    )	..... 126
- 27	·	(    )	..... 127
- 28	·	(    )	..... 128
- 29	·	(    )	..... 129
- 30	·	(    )	..... 130
- 31	·	.....	131
- 1		(    ·    )	..... 142

## 【                      】

- 1	.....	33
- 2	(    ) .....	37
- 3	.....	38
- 4	.....	44
- 5	(                      ) .....	45
- 6	.....	52
- 7	.....	57
- 8	.....	61
- 9	.....	65

·

1.

가.

가 ‘  
가

가

가

가

가(低價)

7

21

가

가



(major countries)

가

가 . 가 .

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2.

가.

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가

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### 3. 가

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6 . 6  
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, 가 ,  
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가 가  
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가,  
.  
가 , (textbook)  
(core book) (topic book) 가 가  
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, 가  
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가 가  
가 .  
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가 .

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가  
가가 가

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1.

가.

(1)

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‘ • ’(1967.

4.17 1977. 8.22) ‘ ’(1977. 8.22 )

‘

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,

(1992. 8.2

9 1995. 1.19) ‘ , , ,

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가 , •

‘

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가 •

1980 ( , ‘ 가 ’), 1990

(

‘

,

)가

, ( , 1991, 2 , ‘  
 ’), ( , 1992, , ‘  
 ’), ( , 1995, ‘  
 ’), ( . ,  
 1997, , ‘ ’), ( ,  
 , 1998, , ‘ ’)

.  
 , .  
 , 가 .  
 , 1970  
 . ‘ , ‘  
 , . 1980 ‘  
 ’(1981, , ), ‘  
 ’(1984, , ), ‘  
 ’(1985, , ) 1988 ( , ‘  
 ’)가 , 2 1988 12  
 「 」 . ,  
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(2)

‘ , 1930  
 , 가  
 , ‘ 가 ’ 가 , ,  
 .  
 . ( )  
 .  
 ‘ 가 ,  
 , 1930  
 , 가가  
 1950 1960 ‘Type Design & Typography’  
 ‘Illustration’ . ‘ (

- 7 -

. ,  
 ( , 1997 : 90).  
 4×6 , ( )가  
 가 ,  
 가 .  
 가  
 . 4×6  
 가 ,  
 ( , 1993 : 43).  
 ,  
 가 4×6  
 ( 1977 : , 1985),  
 ( , 1979),  
 ( , 1985 : , 1989,  
 1993 , , 1997) .  
 .  
 ,  
 , , . 4×6  
 ( , 1991 : 64).  
 4×6 ,  
 , A · B  
 ( , 1992 : 48)  
 가  
 , 가  
 . ,  
 , 가 4×6 ( , 1993 : 43).  
 가 4 · 6 68% , 가 26.4% .  
 .  
 가 가  
 4 · 6 ,  
 .





가  
(70g/ m<sup>2</sup>) ,  
가 ( 2 , 1997).

( ) 70g/ m<sup>2</sup> ,  
( ) , , ,

○ 70g/ m<sup>2</sup> 가 ,

○ , ash ,

coating , formulation , .

○ on machine finishing ( ,  
( , 1991. 12.).

misregister ,

가

가

가

( , 1992 : 40).

가

가

( 1992 : 34).

가  
 ○ ( , , )  $80g/m^2$   
 . 가 가 .  
 ○ , 가  
 $60\%$  ( .  $80g/m^2$   
 ).  
 ○  $220g/m^2$   $220g/m^2$   
 , ( 2 ,  
 1996. 8.).  
 7

‘ ( , 1998 : 52)  
 .  
 , , , .  
 ( ) 가  
 가 , , ,  
 가 .

가 .  
 가 .  
 (3)  
 ( ) 가 .  
 ,  
 ,  
 (White, 1974 : 38).  
 (Lee, 1979 : 232).

( , 1991 ;  
, 1989). , ( ),  
( ), ( )  
), ,  
( , 1991).  
가 가 가

<sup>2 3</sup> ( ,  
, 1979 ; , 1991 ; , 1997).

가 .  
, 4  
.

( 2 , 1997).

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, .  
, , ,  
, 가 <sup>2 3</sup> ( ,  
, 1991).

1 가 가 10% 가  
, ,

, 가  
.

,  
. 가 가 ,  
. 가 ,  
가 .  
가 ( ,  
, 1991 : 76).

.  
, , ,

가 .

,

( , 1992 : 9).

,

가 , 가 61.2%(153 ) 가 가 .

가 가

가 “

” 가 .

가 30.0%(75 )가 가

가

4.4%(11 ) ,

가 , ,

.

가 가 76.9% 가

50.0%

( , 1997 : 107).

,

( , 1997 : 75).

(4)

( )

가

가 , .

, 1980 가

,

( , 1997).

.

(가 )

가

가 , 가 ( , 1990 : 267).

가 , , ( , 1990 : 222).

가

가

(語形) ( , 1990 : 241).

(1990)

가 가 가

가

가 , 가

가 (全子型) , 1,350 1500 가 , ( )

가 가

2000 2500 (字種選別)

가 (濃度) , 가  
 .  
 가 가 .  
 .  
 가  
 가 가 ,  
 .  
 .  
 .  
 , 가 .  
 .  
 , , 가 ( , 1990 : 242).  
 가 .  
 . 가

가 .  
 ( ) .  
 (즈, 츠, 흥 ). 가  
 ( , 1990).  
 「 」 , ‘ ’( )  
 ‘ ’( ), ‘ ’(  
 ), ‘ ’( , , , ), ‘  
 ’( ), ‘ ’( ), ‘Typeface  
 ’( ), ‘ ’( ), ‘  
 ’( ) ( , 1990).  
 , ‘ , 1987.10.  
 , ‘  
 7, 1991. 12.

21 (가 , CTS, CMS DTP

1990 ).

(5)

(Marshall Lee) (legibility ; ) (readability ;  
가 )가 , 가 가 ,  
가 , 12Q 가  
12Q 320 가  
가 가  
가  
( , 1979 : 89).  
(legibility) 가 (readability)

( , 1994).

18Q 16Q , 5 20Q 16Q , 2  
28Q 20Q 24Q  
( , 1993 : 166).  
(1991) 17Q(11.5pt) 가 가  
18Q(12pt) 가  
14Q 가 가 15Q 가  
가 ( , 1991 : 82).  
16Q 20Q,  
14Q 17Q  
( , 1992 : 47).

가

6Q(4pt) ,  
 . , 18Q 17Q ,  
 5 20Q 17Q , 2 28Q 20Q,  
 24Q ( , 1993 : 47).  
 가 0.5Q ,  
 가 가

.  
 ( , 1993 : 56).

.  
 1977 9 22  
 . 가 「 」  
 1 : 28Q, 2 : 26Q, 3 4 : 24Q, 5 6 : 20Q, 1 :  
 18Q, 2 3 : 14Q . 1 2  
 : 13Q, 3 6 : 12Q, 1 3 : 12Q .  
 0.4 ( , 1995 : 224).  
 , 13, 14, 16, 18Q  
 , (x-height)가 16, 18Q ,  
 13, 14Q 가 . (D.G. Paterson) (M.A.  
 Tinker) , 가 ( 가  
 ) 가  
 가 .  
 (全體研術) ,

.  
 , 가 가  
 , 9pt 12pt  
 .( : Rehe, 1979 ; Turnbull & Baird, 1980).  
 가 , (豊田武夫) 14Q,  
 가 13Q 14Q  
 ( , 1955 : 16). .

2,000



( , 1982 : 98).

, ( )  
가 '(

, 1998 : 65)가 .

, ,  
가  
가 .

(6) , ,

가 ,

,

. ( )가 가  
가 가

가 . (1980)  
(0.25mm, 1 ) 가 가 7.7% ( , 1991 : 74).  
(Cornt) ( )가

. (Javal)

, .

(Huey)

.

가 (1963) (1980)  
2 . 3, 4, 5 4×6 1 ,  
( ) 가 가 ,

14Q 7Q  
가 80mm 가 가 .

가

( , 1993 : 45).

, ,

(0mm), -.25mm, -.5mm, ½

가 가

. -.25mm ½

가 가 ( 1992 : 34).

3/11 5/11 가 , 가

4 · 6 1 , 140mm 130mm 가  
가 가  
130mm

80mm

가

가

가

(

1992 : 34).

1953

(向井)

,  $\frac{1}{2}$  (2 ) ,  $\frac{1}{4}$  (4 )

(阪本敬彦)

7.0mm

가

(村石

照三)

7.0mm, 8.0mm가 가

가

가

1881

(Weber)가 “

”

1

150mm,

100mm

, (Cohn) 14Q

100mm,

90mm가 가

,

가

가

( , 1981 : 122).

(7) ( )

,

가

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‘ , ’

.

가

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가

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.

,

가

가 ( , 1991 : 404).

(讀解度) (讀速度)

( , 1997 : 65).

가 50%

48 53%

51%

$\pm 2\%$  60%  $\pm 2\%$

( , 1991 : 74).

( : margin)

( )

53% 6mm

3mm

가

( , 1993 : 46).

( )

가

( , 1992 : 48).

, , , ,  
 ,  
 ( , 1992 : 50).  
 , , ,  
 ,  
 , 가  
 , 가  
 가  
 ( , 1993 : 47).  
 가  
 1  
 , 2  
 가 ,  
 (editorial space)  
 , 2 가 가  
 ( , 1992 : 50).  
 (8)  
 가  
 .  
 , 가 ,  
 . ( )  
 .  
 ,  
 .( , 1997 : 97).  
 , ,  
 .  
 가  
 .  
 .  
 , ( , 1991 : 85 ; , 1997 : 104).

가  
가  
(, 1993 : 23).

1 가 2 .  
가 ,

( )가 ( )가 ,  
( )가 ( )가  
) 가 .

(, 1997 : 97).

(9)

가  
가  
(White, 1974 : 98).  
가  
가  
가  
( , 1982 : 97).  
가 ,  
( )  
가?  
가 (White, 1974 : 98).  
( , 1982 : 90).  
( )  
'( , 1992 : 46)



( ) .

( , 1996 : 501).

( , 1997 : 130)

70% 가 .

,

70% .

26%가 .

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(1)

,

' 2 ) . 가 ,

가 . ,

가 가 .

.

,

.

가 ,

10 1

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가 .

( , 1992 : 50).

.

, , (illustration) , 가

(layout)

가 .

가 ( )

, 가 ( , 1985).

.





7

가 ‘ ,  
( ‘ , 30  
).

(2)

·  
, ‘ ( ), , 1985.  
, ‘ , 1987.  
, ‘ , 1992.  
, ‘ 가 , 1996.

Marshall Lee : Bookmaking : The Illustrated Guide to Design and  
Production, R.R.Bowker Company, 1982.

Philip B : A History of Graphic Design, Van Nostrand Reinhold ; Co.

Jan V. White : Graphic Design For the Electronic Age, New York ;  
Watson Guptill Publication, 1988.

André Jute : Publication, London ; Batsford, 1994.

Rob Carter : Typographic Design, Switzerland ; Rotovision SA, 1995.

Jan Tschichold Typographische Gestaltung : :

Jan White : Editing by Design :

Duchastel, P : Textbook illustration : Research and instructional design.  
Educational media Yearbook, 1980. Littleton, Co : Libraries Unlimited, Inc  
; 1980.

田中 薫, レイアウトの技術( ), ( ), 東京 : 現代ジャーナリズム出版會, 1976.

藤森善貢, 出版編集技術(上)(下), 日本エディターズスクール出版部, 1996.

2.

가.

: 가 , , 4·6

: . , , ( )  
 ) . ,  
 , , , , .  
 ( ) : , , 가 가  
 가 가 . . . (4色  
 版) , 가 .

(     ) :     ,     ,     (typeface)     가

.

(1)

(layout), (typography), (illustration), ,

(editorial design) .

, 가 , (illustrator)  
(typographer) ,  
(art director)가 .

(2)

, . 가  
, 가 (造形的) 가  
.  
가 . ,  
가 ( ) ,  
, 가 가  
, 가 가 .  
, 가 ,  
( )  
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, 가  
( )  
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(3)

, 7 1999 . . (1 . 2 )  
, , ‘ , , 1)  
1 6 ‘

(가) ‘ ,

, , , 가  
가 , .

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○

- : 11p, 10.5p ,

, , , 가

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, ’ ).

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○

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1) , ‘ ’( ), pp.73 ~ 74, 1999. 1.



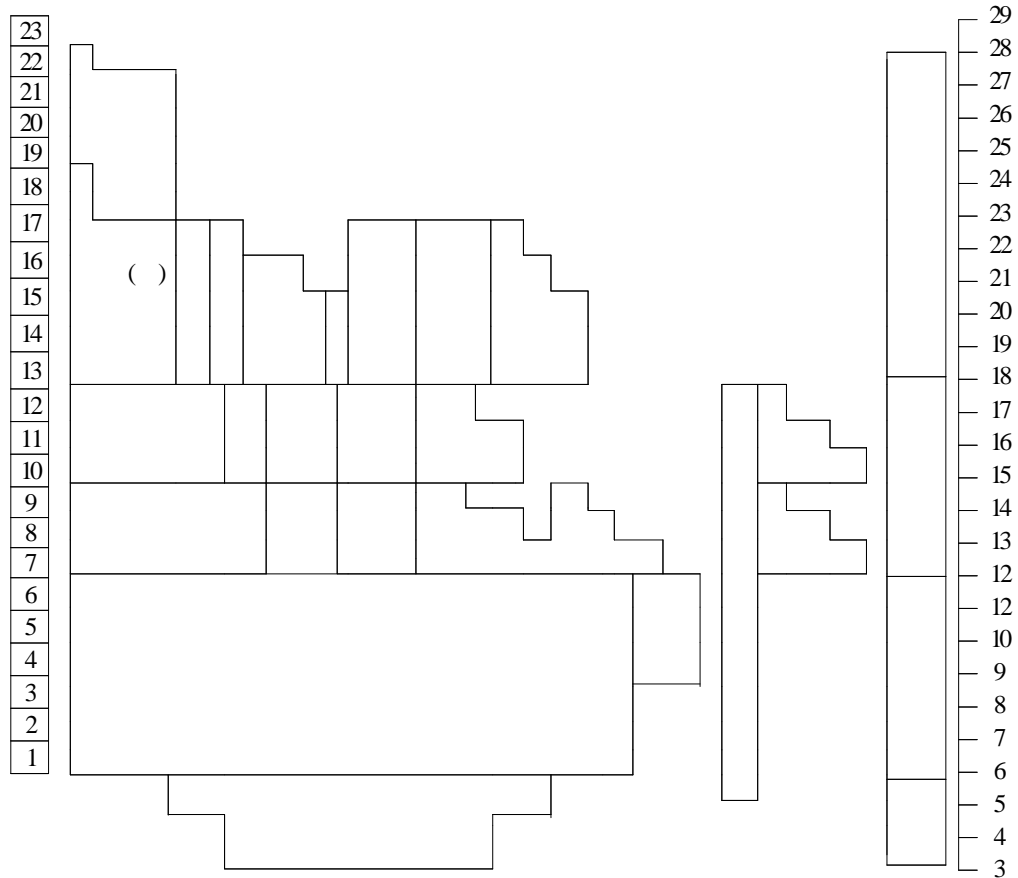


가

가

가

< - 1 >





3)

(1)

가 가 1 ( ) 가  
2 ( ) 가  
1 가 ,  
, 2  
가 가  
1 2  
, 1 가 「 」  
「 」  
2 가  
가 「 」가 가

(2)

1 가 , 1 가  
2 ( ) , 2  
2

(3) 1 2

1 ( )  
, 2 1

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3) (1998) ‘ ( , 「  
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2 , 1 2

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(6)

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2 가 · 「

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가 ·

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· ( 32 ).

, 가 · 4)

(7) 가 가 , 2

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4) 1998 ( ) ( ) · ,  
( ) ·

가 가 .  
가(低價)

가 .  
 , ,  
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2.

가.

가

, ,  
 가 .  
 , ( ) .

(1) 5)

(가)

( 5 16

(maintained or state  
schools) (independent or public school) ,  
(93%) 가 maintained school

5 (primary school) secondary  
school( ) 12 13 .

16 2 Sixth-Form  
College( Tutorial College) College of Further Education .

GCSE GCE A-Level . 18

Polytechnic University .

5) , 「 , 1999. 'Types of school and  
how standards are maintained' .

가 (national curriculum)

가  
가

< -2>

< -2> ( )

5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21		
												Sixth-Form		/				
:																		

:

( )

1)

5 11 , 5 6  
(infant school) 7 (junior school)가  
7 (preparatory schools)  
가

2)

13 가  
가 13 (Common Entrance Examination)

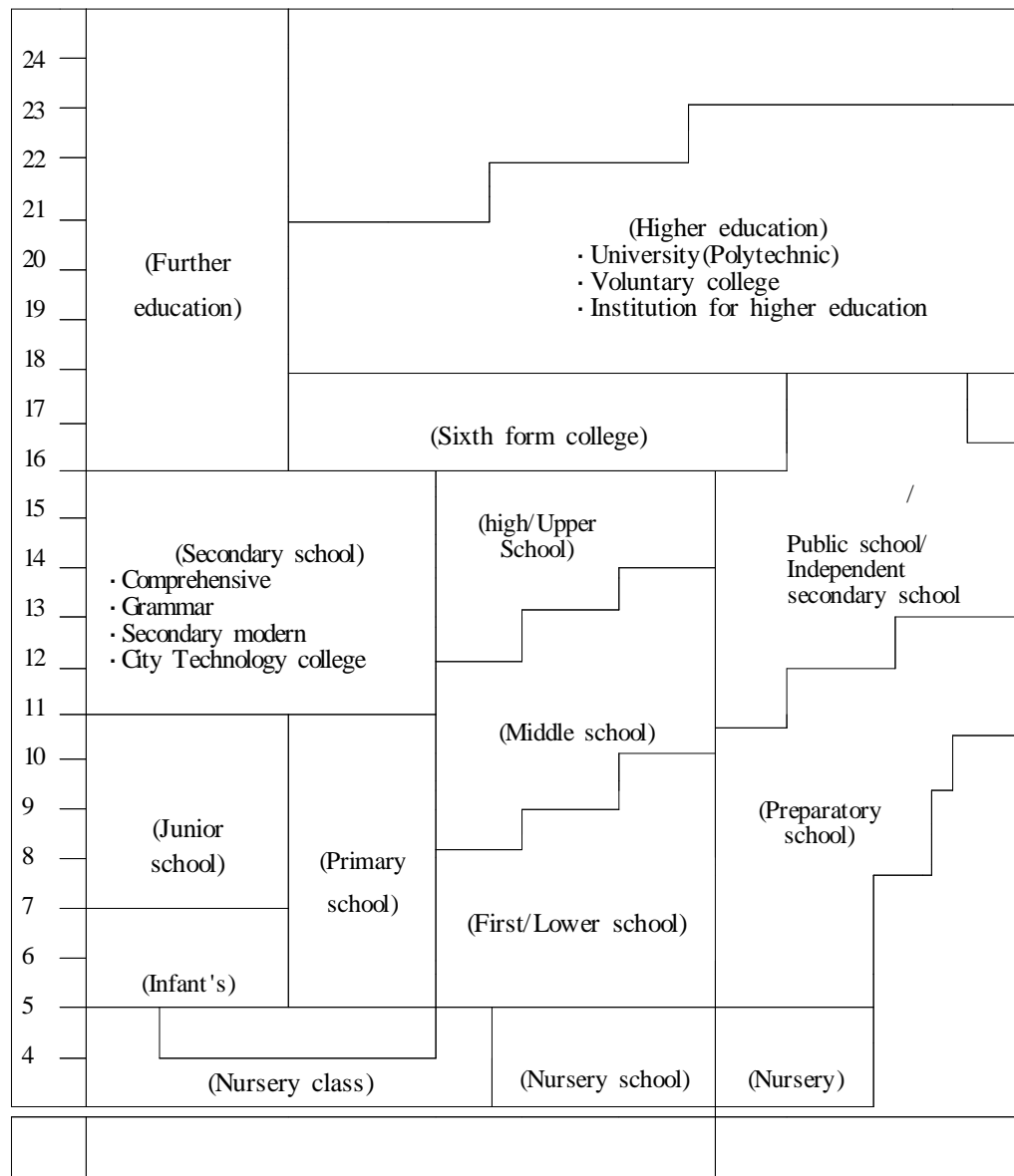
가

16 (

GCSE-General Certificate of Secondary Education)

SCE(Scottish Certificate of Education) Standard Grade

2 , 5 10 가



:

3) 16

16

GCSE

,

(

GCE A-Level

),

,

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$$\langle -1 \rangle \quad ( )$$

( )			
15	Form 4(10 )	GCSE	3
16	Form 5(11 )	GCSE	1
17	Form 6(12 )	A level	2
18	Form 7(13 )	A level	3

$$\vdots$$

GCSE

16 가

14 16 2 16

10 25 8-10

.

,

A-level(Advanced level)

A level 16 18 2

1

, 2

( )

140 가

(The Higher Education Funding Council)

가 (The Higher Education Quality Council)

Degree) 3 1 . (First  
 (Taught Course- MA/MSc) (Mphil) , 1 ,  
 2 . 3 .  
 , 1

(2)

(가)

가

1988

가 (national curriculum)

(Scotland Northern Ireland

가 가 ).

가 가 .  
가 4 가 가 .

Assessment School Examination Assessment Council

Test 가 ,  
가 (core)

, 3 , , , , ,  
( ) 7 가 10 가 .

가 ,  
가( 가), 가

( ) 가

가 1989 9 5 16 ( )

( 가  
가 ).

가 가 가 .

Breadth Balance

Consisting across the country

Assessment at the end of each key stage

key stage 1 4 , key stage 1 5 7 , 2 7 11 , 3 11 14 ,  
4 14 16 . 4 가 Test 가 가

3 「 」 4

가

가 .

( )

가

가 (needs)

가 , 가

가 ( ) ,

가 .

(Textbook), (Topic book)

1) (Textbook) :

” “

가

”

“

( ) .

”가

(Class text)

(Textbook)

Core book :

Topic book :

( ) .

Resource book :

(資料書)

(reference book, library

book)

가

4

(school book)

2) (Topic book) :

topic book textbook

topic book

, topic book 가 가

topic book

resource book( )가

textbook

topic book

topic,

theme

2 3

topic, theme

topic book



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가 가  
가

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(Public Schools)가

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,

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. 가

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가 ,

가 .

, ( ), ,

가

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(1)

가

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, 6-3-3-4 , 6-2-4-4- , 8-4-4 ,

6-6-4 , 5-3-3-4

6-3-3-4 가

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.

(가) .

1)

6 12 (14 )

6 .

Primary Unit, Nongraded School

.

2)

가

. 6-3-3 Junior High School Senior High School, 8-4

6-6 High School, 6-2-4 Middle School High School .

(Classical High School) (Technical and Vocational  
High School), (Comprehensive High School), (Private  
Secondary School), (Specialized High School)

, , , , , , ,

.

(Comprehensive High School) ,

, , ,

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, PSA(Preliminary Scholastic  
Aptitude Test) SSAT(Secondary School Admission Test)

, , ,

SAT

.

( )

4 (University)

, (Graduate  
School)

.

, 2-4 ( 2 )

2 (Community College, Junior College)

(Vocational College, Technical College)

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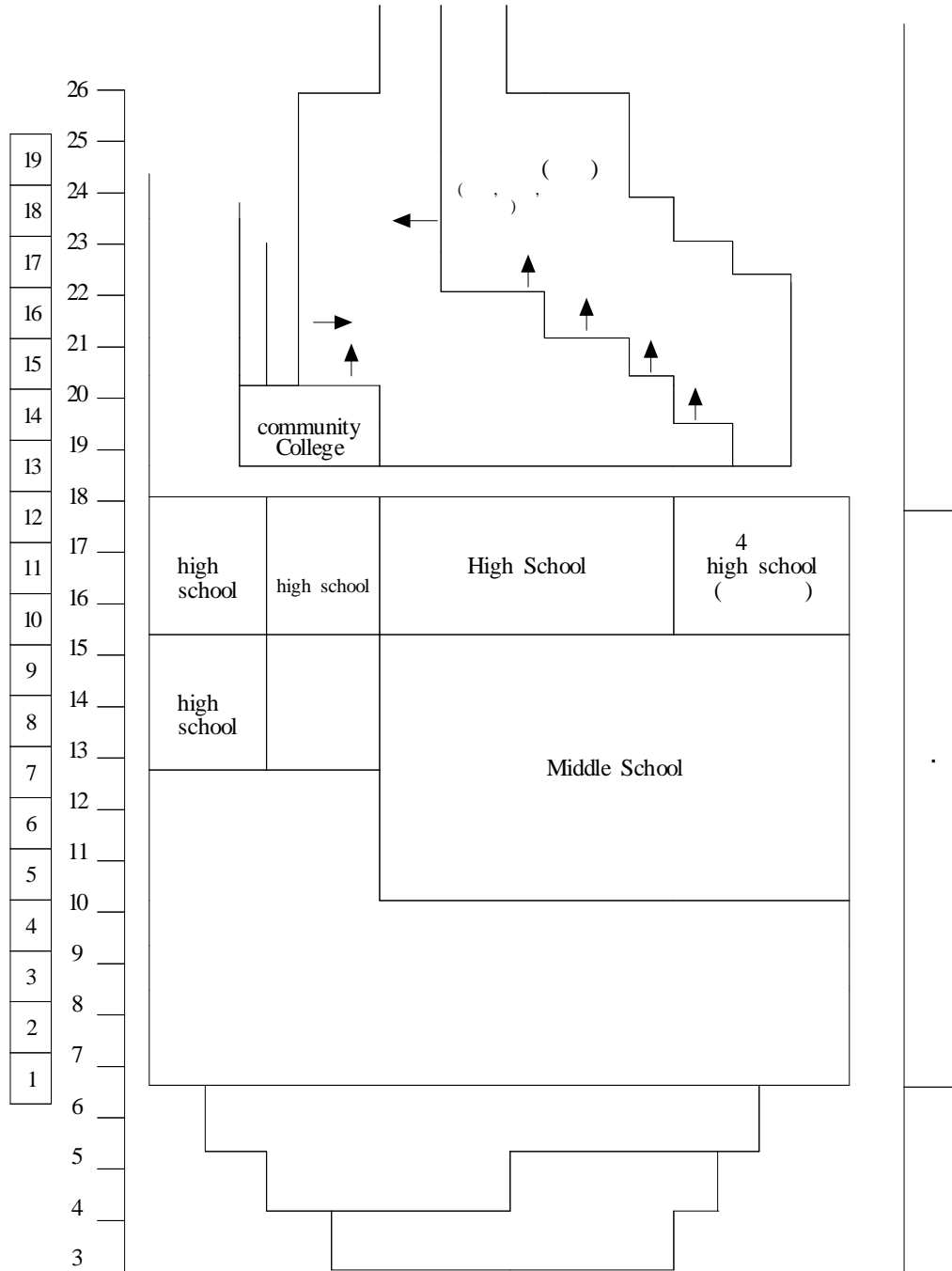
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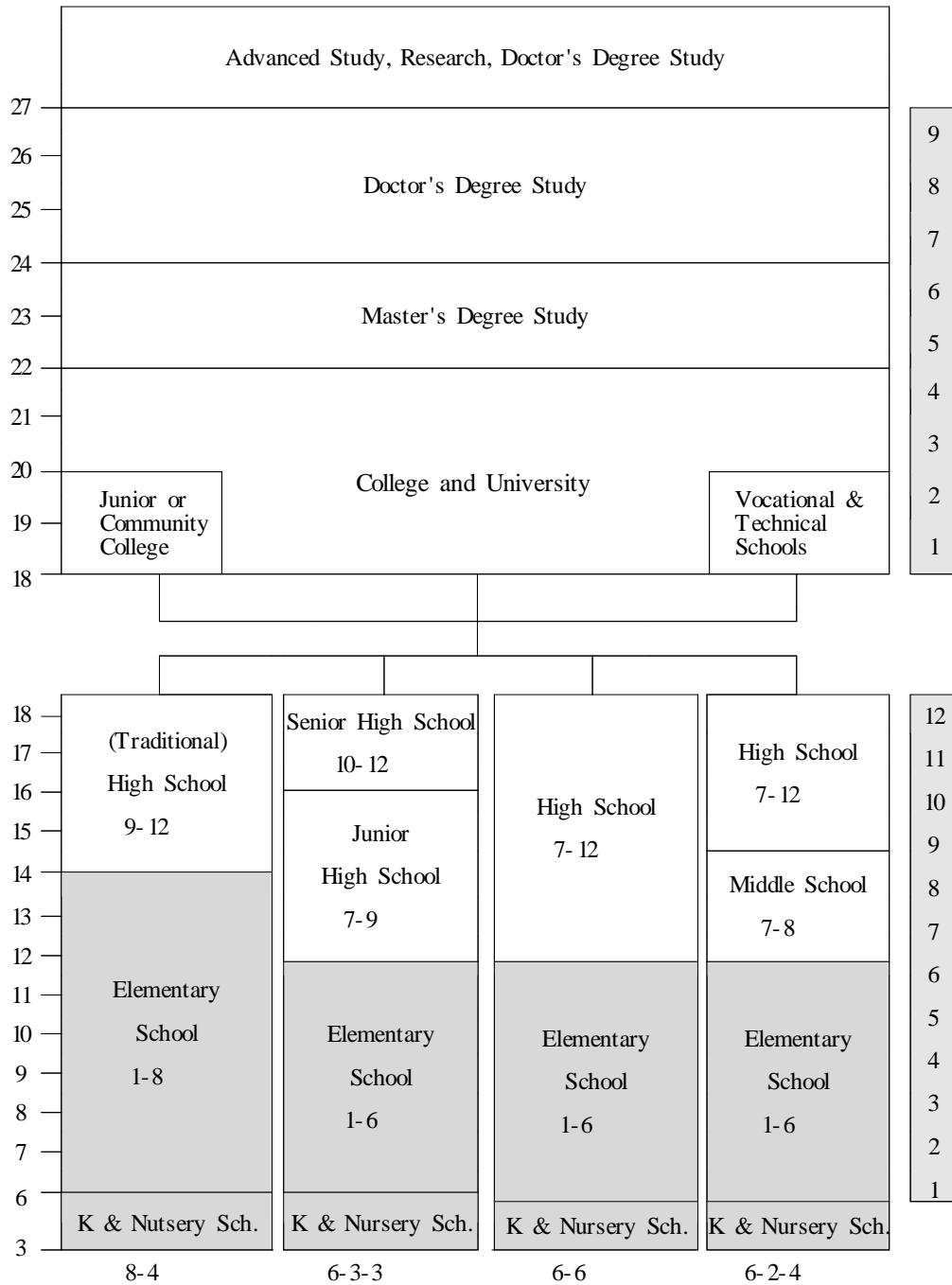
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2 Community College , 4

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(obligation) .

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○ ( 2 3 - 5 ) : ( , Ecole Maternelle)

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7) , 「 , 1998 2 .



- (6 - 10 ) : 5 ( , Ecole Primaire)
- (11 - 17 ) : 4 ( , Collège) 3 ( , Lecée)
- (18 ) : ( , Université) (Grandes Ecoles), ( , Ecoles)

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- 1 (cours préparatoirc) : , ,  
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○ 7 -9 CE(cours élémentaire) : CE1, CE2 .  
○ 9 -11 CM(cours moyen) : CM1, CM2 .  
CM2 CM2 .  
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8) , 「 , pp.174 175, : , 1998.  
9) , 「 , p.1 3, 1998. 2.

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○ 6 5 (le cycle d'observation) :

○ 4 3 (le cycle d'orientation) :

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가 3 CAP(Certificat d'Aptitude Professionnelle-

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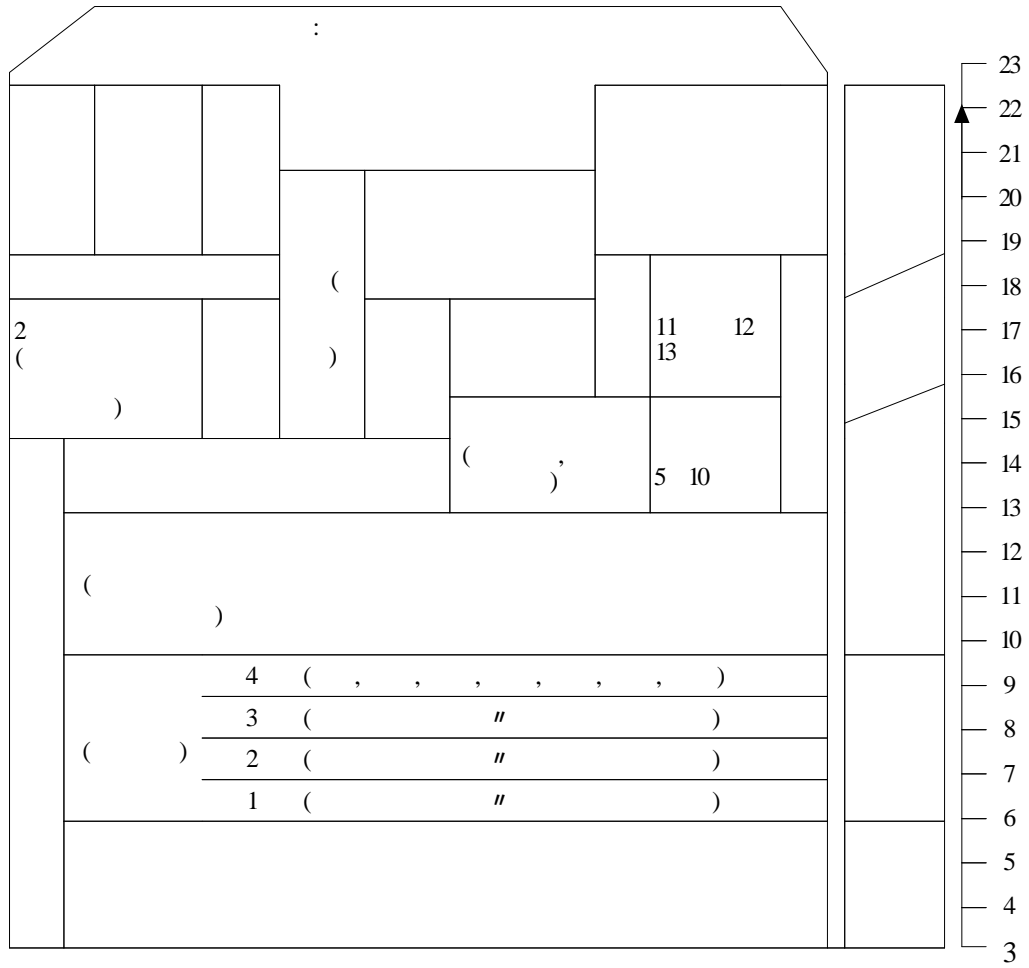
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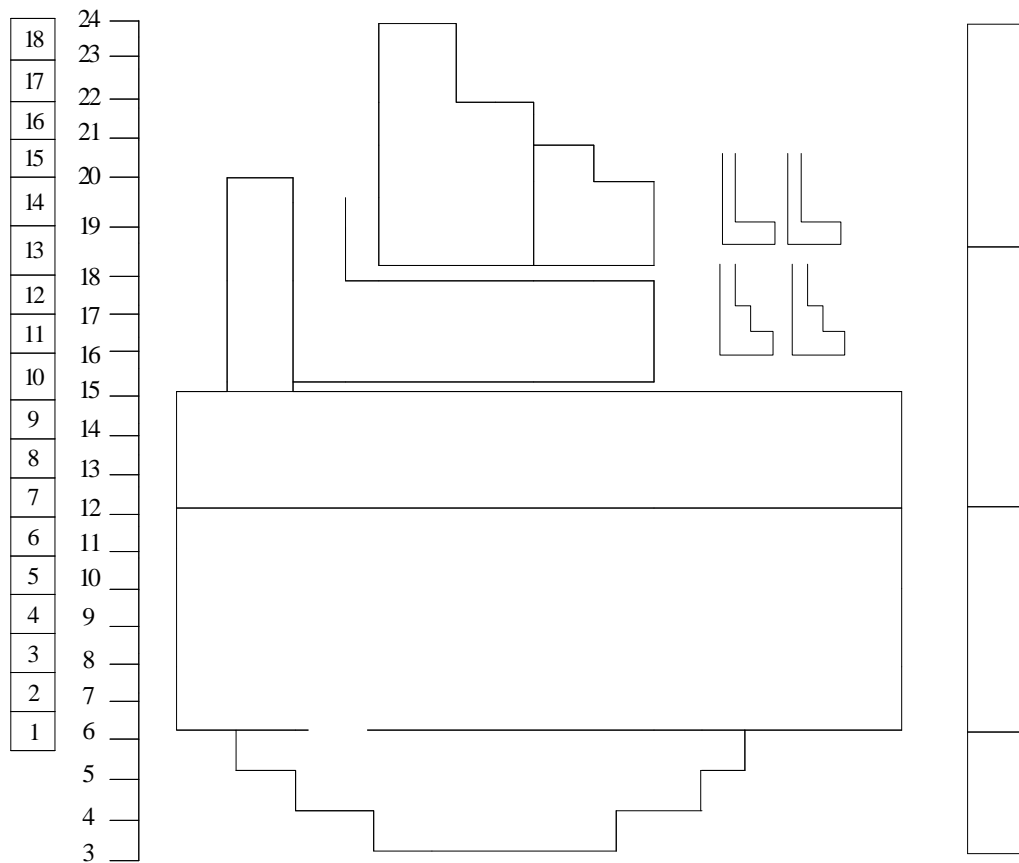
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12), 13), 14) , 「 , pp.333 334, : , 1997.

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	54	5	3	62
	137	211	2,633	2,981
	29	62	504	595
	98	57	431	586
	98	37	285	420

: , 「 」, P.7. , 1999. 3.

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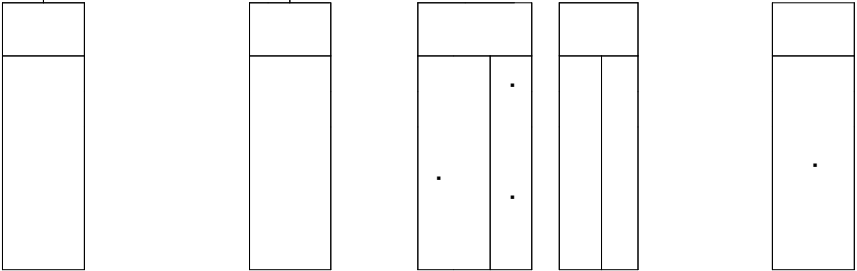
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( )	4,836	4,976	5,185	5,340	5,415	5,534
( )	5,919	6,097	6,359	6,556	6,648	6,794

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15), 16) , 「2 1」., pp.28 31, : ,  
1999. 5.

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	가	<p>(1) 가</p> <p>(2) 가 ( )</p>
		<p>(1)</p> <p>(2) 가 ( )</p>

: , 「 , p. 5. : , 1998. 3.

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9 1) , 24 , 120 (5  
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< -1> 가 72 , 가 72  
144 . , . 18  
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1) 9 (2000 ) ‘  
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	A	1-1	5 6	1	1 2( )	2( )	2 ( )
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	A	1-1	2( )	6	2 3	2( )	3
	B	3-1	5( )	4	2 3	3( )	4
	C	6-1	6( )	1	4 5	4( )	6
	A	1 - 1	3	1	2 3	2	2
	B	3 - 1	5	4	4 5	2	4
	C	6 - 1	5	4	4 5	4	6
	A	1-1	5	1	2 3	2	3( )
	B	3-1	2	4	4 5	3	4( )
	C	6-1	3	4	4 5	4	6( )
		12	12	12	12	12	12
	A	1-1	1	3( , )	1	1	1
	B	3-1	2	1	3	2	3
	C	( )	3	(1 2)	2	4	1
	A	1( )	1( )	3	1( )	2	( )
	B	( )	1 2( )	3	2	2	( )
	C	( )	3 4( )	3 4	3	2 3	B( )
	A	1	1	1	3	1	1( )
	B	3	2	2	3	3	3( )
	C	( )	2	1 2	3	4	A( )
	A	· 2	1	( 3 1)	3	1 2	1
	B	1	1 2( )	( 3 1)	3	1 4	2
	C		4( )	1	3	3 4	1A
		12	12	12	12	12	12
144 :		24	24	24	24	24	24

\* , 1-1 1 1 , A, B, C ,가 A 5 .

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(g/m<sup>2</sup>)

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JIS (kg)

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가 가 (vernier caliper,

0.05mm) , .

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2) (uncoated woodfree paper) , (ground

wood paper) , (g/m<sup>2</sup>) .

(art paper) 가 ( , , )

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가 ,

(s/w) .

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가.

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					4-6				4-6				4-6	
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			2		10			5	3	4		1	1	10
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		C												
		6	4	2			1	6	5		2	8	2	
		8	4	12			6	9	9		2	8	14	

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가 , 가 .

< -2> . \*\* (2)

					4・6				4・6				4・6		
		A													
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		1	1	13	9	2	7	13	2	13		11			

- \*\*
- (A5) : A ( ) 16 148×210mm .
  - 18 ( ) : B 16 176×248mm .
  - 4・6 (B5) : 4・6 16 187×257mm .
  - (A4) : A 8 (1/8) 210×297mm .

(2)

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,  
4.6  
가

가 4.6 가  
4.6 70% 8

50% 6 가  
(30%) 4.6 16% 2 4.6 50%  
40%(5 ) 4.6 66%(8 )  
4.6 10 7  
( )

1 가 (13 ) , 2 가 (8  
) , 1 7 , (6 )  
가

4.6 13 가  
(12 ) , 14 (58%)  
60%가

가 9 40%  
가

(3)

( )  
4.6 ( 53% )

가

(1)

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(1)

: g/m<sup>2</sup>

					s/w*				s/w				s/w
		A	70					100		80			
		B	70					100					100
		C		80				100				100	
		A	70					200				120	
		B	70					100					100
		C	70					100					100
		A	70					100				100	
		B	70					100				100	
		C	70					100				100	
		A		80				180					100
		B		80				100					100
		C		70				100				100	
			8	4				3	9	1		6	5
		A	70					100				80	
		B	70					100	80				
		C	70					100				80	
		A	70					100					80
		B	70					100					80
		C	70					100					80
		A	70					100					80
		B	70					100					80
		C	70					100					80
		A	70					100					80
		B	70					100					80
		C	70					100				100	
			12					12	1			3	8
			20	4				3	21	2		9	13

\* s/w : < -3> ‘ ’ ‘ ’ ‘ ’  
가

< -3> . ( ) (2)

: g/m<sup>2</sup>

											e				
						s/w *				s/w				s/w	
		A			150					100		74			
		B				100				100		74			
		C			100					100		74			
		A				100				100		74			
		B				100				100		74			
		C				100				100		74			
		A	100							100		74			
		B				100				100		74			
		C				100				80		74			
		A				100				100			100		
		B			150					100			100		
		C				150				100			100		
				1		3	8				12		9	3	
			A				80	80					70		
			B				100	100					70		
			C				100				100		70		
			A				100				100		70		
B						80				100		70			
C						100				100		70			
		A				80				100		70			
		B				80				100		70			
		C				100				100		70			
		A				100				100		70			
		B				100				100		70			
		C				100				100		70			
						12	2			10		12			
			1		3	20	2			22		21	3		

\* s/w :

< -4> . ( ) (1)

: g/m<sup>2</sup>

	A		220			250			200				
		B			. 20	250						s/w250	
		C		220		250					*	100	
	B	A			. 20	250				80			
		B			. 20	250				100			
		C			. 20	250				100			
	C	A			. 20	250				90			
		B			. 20	250				80			
		C			. 20	250				90			
	D	A		220		250				200			
		B			. 20	250				200			
		C			. 20	250				80			
				3		9		12		1	9	(8)	2
	A	A			. 20	240				80			
		B			. 20	240				100			
		C			. 20	240				250			
	B	A			. 20	240				100			
		B			. 20	240				100			
		C			. 20	240				100			
	C	A			. 20	250				100			
		B			. 20	240				100			
		C			. 20	240				100			
	D	A			. 20	240				100			
		B			. 20	240				100			
		C			. 20	240				250			
						12		12			12	(11)	
				3		21		24		1	21	(19)	2

\* 가 , .

< -4> . ( ) (2)

: g/m<sup>2</sup>

		A	250			100		0			250		
		B	100	0		100		0			250		
		C	100	0			80	0			250		
		A	100	0				0	250		250		
		B	100	0				0	250		250		
		C	100	0				0	250		300		
		A	250				250	0			250		
		B	100	0			250	0			250		
		C	100	0			180	0			250		
		A	100	0			250	0			250		
		B	100	0			250	0			250		
		C	100	0			250	0			250		
			12	(10)		2	7	(12)	3		12		
		A	100	0					*250				220
		B	100	0			300						220
		C	250				300				250		
		A	100	0				0	100				220
		B	100	0				0	100				220
		C	300					0	100				220
		A	100	0			100	0			220		
		B	100	0			300				220		
		C	300					0	100		220		
		A	100	0				0	100		220		
		B	100	0				0	100		220		
		C	300					0	100		220		
			12	(7)			4	(8)	8		7		5
			24	(17)		2	11	(20)	11		19		5

\* :

(2)

< -3> ( ) ,  
 .  $70\text{g/m}^2$  ( )  
 , S/W , ( ) ,  
 $100\%$  S/W ,  $(74\text{g/m}^2)$  .  
 가  $70\text{g/m}^2$  , , ,  
 S/W , 가 S/W  
 .  
 . , , ,  
 S/W , S/W .  
 < -4> ( ) ,  
 . ,  $240 \sim 260\text{g/m}^2$  ,  
 $250\text{g/m}^2$  ,  
 (  $1\text{m/m} \sim 1.5\text{m/m}$  )  $80 \sim 250\text{g/m}^2$  . ,  
 ( )  $250\text{g/m}^2$  .  
 가  $220\text{g/m}^2$  ,  
 .  
 $240 \sim 300\text{g/m}^2$  . 가 , ,  
 $(80 \sim 250\text{g/m}^2)$  .  
 ,  
 가 . ,  
 ( S/W ) , .  
 $220 \sim 260\text{g/m}^2$  ,  
 , , ,  
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(1)

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( )

(1)

		1	2	4		1	2	4		1	2	4		1	2	4		1	2	4			
		A			0			0				0			0				0			0	
		B			0			0				0			0				0			0	
		C			0			0				0			0				0			0	
		A			0			0				0			0				0			0	
		B			0			0				0			0				0			0	
		C			0			0				0			0				0			0	
		A			0			0				0			0				0			0	
		B			0			0				0			0				0			0	
		C			0			0				0			0				0			0	
		A			0			0				0			0				0			0	
		B			0			0				0			0				0			0	
		C			0			0				0			0				0			0	
					12			1	6	5			11	1		1	4	7		11	1		12

		A	0					0				0				0			0		<sup>0</sup> <sub>10</sub>			
		B	0					0				0				(0)	0			"				
		C	0					0				0				0			0		"			
		A	0					0				0				0			0		<sup>0</sup> <sub>35</sub>			
		B	0					0				0				0	(0)	(0)		0		"		
		C	0					0				0				0				0		<sup>0</sup> <sub>30</sub>		
		A		0				0				0				0	(0)	(0)		0		"		
		B		0				0				0				0				0		"		
		C		0				0				0		0						0	0			
		A		0				0				0				0				0		<sup>0</sup> <sub>40</sub>		
		B	0					0				0				0				0		"		
		C	0					0				0				0				0		<sup>0</sup> <sub>20</sub>		
			8	4				1	10	1			7	5		2	4	6			9	3	1	11

		8	4	12			1	1	16	6			18	6		3	8	13			20	4	1	11	12
--	--	---	---	----	--	--	---	---	----	---	--	--	----	---	--	---	---	----	--	--	----	---	---	----	----

\* ( ) 1

\* ,가 0 10 2 10%

< -5> . ( ) (2)

		1	2	4		1	2	4		1	2	4		1	2	4		1	2	4					
.		A			0				0				0		0					0			0		
		B			0				0				0				0				0		0		
		C			0				0			0				0				0			0		
		A			0				0				0				0				0		0		
		B			0				0				0				0				0		0		
		C			0				0				0				0				0		0		
		A			0				0				0				0				0		0		
		B			0				0				0				0				0		0		
		C			0				0				0				0			0			0		
		A			0				0				0				0				0		0		
		B			0				0				0				0				0		0		
		C			0				0				0				0			0			0		
		A			0				0				0				0				0		0		
		B			0				0				0				0				0		0		
		C			0				0				0				0				0		0		
					12				12			0	11		1		11			1	11			12	
			A			0				0					0				0				0		
			B			0				0					0				0				0		
			C			0				0					0				0				0		
			A			0				0					0				0				0		
			B			0				0					0				0				0		
			C			0				0					0				0				0		
			A			0				0					0				0				0		
			B			0				0					0				0				0		
			C			0				0					0				0				0		
			A			0				0					0				0				0		
			B			0				0					0				0				0		
C					0				0					0				0				0			
				12			7	5			2	10			5	7			4	8		2	10		
				24			7	17			3	21			1	5	18			5	19		2	22	

\* 1 . . . . , 5

(2)

< -5> ( ) ,

. 가 4 , 4

가 50% , 5 42% 5 . ,

4 , 가 58% 7

.

1 ( )가 , ,

가 . 4 가 , 4

가 , , .

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1 , 2 , 4

1 , . 4

. , 가 가

. 가 54%

.

(2 ) , 10 40%

. , 10% ,

30 35% , 20 40% 가 .

< -5> ( ) , 4 , 4

, 4 . < -5> (2)

5 6 가 .

, 가

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가 , 4

, .

(3)

가 . .

, 가 , 4 가 . 7

1·2 가 2 4 가

.

(1)

< -6>

3)

.		A			HRm		Hm		Hm		HI		石		
		B		Gm		Um	Ulm		Bm	(HI)		石			
		C		Gm		Bm			TR	Cm		石			
		A			HRm	Cm		Bm	(F)	Bm		石			
		B		CEm		TR	(HI)	Gm	(FI)	Bm		石			
		C		CEm			Bm	Gm		Bm		石			
		A			Um	Cm	(F)	Bm			Fm		石		
		B			Ul	Tm	(U)	Gm			HI		石		
		C			Um	Tm	(U)		FI				石		
	A			HRm	TR	(U)		HI		Fm	石	(石)			
		B		Bm		TR			Hb,m		Fm	石	(石)		
		C		Bm	(Fm)	Bm	(H)		Hb,m	Bm		石	(石)		
			12		6	6(1)	9	3(6)	6	6(2)	6	6(1)	4	8(3)	
		A			Flm	Bm	(U)	GB		BR		石			
			B		BR		Bm		GI	(OPl)	Bm				
			C		Tmb		Tm		Bm		Cm	(Flm)			
		A		TR	(HI)	Gm		Bm		Bm	(HI)				
			B		TI		Bm	(HI)		HI,m	BRI	(FI)			
			C		CBml		Co			HI	CB1				
		A		Tml			Hlm	Cm	(Ul)		Um				
			B		BR	( )	CBm			Ul		Ul			
			C		BR	( )	Bm.b		Bm		Gm				
		A		BR		Bm			Fm		HR				
			B		GB		Bm			FI		Um	.		
			C		TNm			Ul	FEmb			Hm			
				12		11	1(3)	10	2(2)	7	5(2)	7	5(3)	12	
			24		17	7(4)	19	5(8)	13	11(4)	13	11(4)	16	8(3)	

(2)

< -6> . , ,  
가 .  
( , ) ( , ) .  
가 .  
( , )가 , .  
가 20 , 가 13  
가 6 . , 60%  
, (l) (m)  
, (Baskerville), (Bodoni Regular), 가 (Garamond)  
. ,  
(Times Roman ) 가 .  
가 .  
가 (8 ), , ,  
4 . , 가 ,

(3)

. 가  
, , 3)

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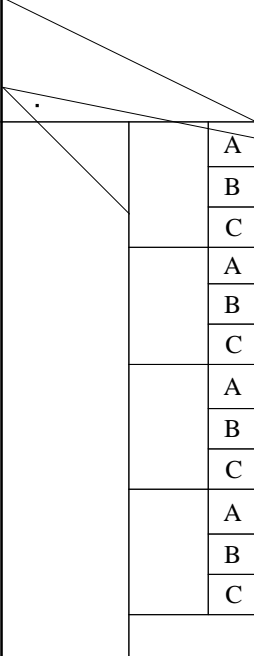
3) < -6> . ( ) # .  
l : light, m : Medium, b : Bold .  
: : ( ) , : ( ) , :  
G : Garamond, GB : Goudy Bold, B : Baskerville, BR : Bodoni Regular,  
C : Century, CB : Century Text Book, CE : Century Expanded,  
CO :Century Old Style, FE : Fenice, T : Times, TR : Times Roman(New Roman),  
TN : Trajan, 石(石井).  
: H : Helvetica, HR : Helvetica Regular, F : Futra, 石 : 石井( ), OP : Optima,  
U : Universe

(1)

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( )<sup>4)</sup>

: (#, 7) : cm

	A	28	90	20	50	20	70	24	26×25	18	80	28(24)	80
	B	20	90	16	80	28	90	13	56	18	25×25	24(18)	62
	C	18	90	18	70	18	62	15	70	18	100	20(18)	62
	A	32	90	28	50	24	50	18	70	14	65	24	70
	B	24	90	16	70	15(16)	62	16	100	16	65	24	90
	C	20	90	16	70	15	6×45	18	100	16	65	20	90
	A	28	100	18	70	24	62	15	22×23	18	80	24	100
	B	20	90	14	70	20	80	16	22×23	18	100	20	80
	C	18	90	18	70	20	62	12	65	15	38	20	56
	A	28	100	28	62	22(26)	80	16	15×25	16	100	20(18)	80
	B	20	100	18	70	14(18)	70	18	90	16	100	20(24)	90
	C	20	100	20	80	14(18)	70	18	90	16	35×28	20	80
	18 32 90 100 14 28 50 80 14 26 50 90 12 24 56 100 14 18 38 100 18 28 56 100												
	A	16	80	13(15)	100	18	70	15	15×30	12	70	16(18)	80
	B	16	80	14	70	14	80	11(14)	90	12	82	16(18)	70
	C	15	80	14	62	12	80	14	62	12	80	16	62
	A	16	80	14(16)	60	14	20×32	15	100	11	70	16	25×27
	B	15	70	14	70	16	70	11(12)	25×23	10(11)	20×30	16	25×27
	C	15	80	11	28×21	14	70	12	100	10(11)	62	15	80
	A	16	80	15(16)	70	16	20×35	14	15×27	10	80	16	70
	B	16	80	14	70	14	80	12(13)	40×26	12	100	16	62
	C	16	80	13(14)	70	14	30×30	11(12)	56	13	45×70	16	62
	A	18	70	16(18)	16×27	15	70	14	25×30	11	35×27	16	70
	B	16	80	14(15)	62	15	70	13(15)	100	12	27×43	16(18)	80
	C	16	80	11(12)	17×25	13	95	12	18×32	12(14)	26×35	16	21×21
	15 18 70 80 11 18 62 100 12 18 70 95 11 15 56 100 10 14 62 100 15 18 62 80												
( )		24	24	24	24	24	24	24	24	24	24	24	24

(2)

< -7> . ( . ) , ,  
 가 18# 32#, 90# 100# . ,  
 가 15# 18#, 70# 80#( 80# ) .  
 , ‘ (1992. 8. 29  
 , 1995. 1. 19 ) . ‘ ( )  
 , ( . . ,  
 1989) ‘ , .  
 , 가 15 18# , 70 80 .  
 11# 가 18# .  
 , 가 15 16#, 14 16#  
 가 .  
 , 70 80# 60 100# 100#  
 3 . 5  
 가 . 가 , 가 가  
 ( 10 , Lambacher Schweizer 10') 4.5 × 7.0cm .  
 4 · 6 .

(3)

,  
 가 . ,  
 가  
 .5)  
 , . , , ,  
 가 .

- 
- 4) ‘ ’(1 =0.25mm, , 가 ¼mm ) ,  
 ‘Q’ . ‘ , .  
 < > 1P = 1/72 inch = 0.3527mm = 1.41111Q( )  
 5) (1 28# 26# , 2, 3 24#,  
 20# 22# 20# , 4 6 17# 18# ),  
 16# , 15# 14# 16#  
 가 ( , 1997 : 124).

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: (#)

		A	20	20	20	24					10	15	24	24
		B	14		7	12	10	9	9	7	7	13	24	24
		C	12	15	7	11	10	12	7	6	10	10	18	24
		A	24	24	11	12	16	18	6	8	6	13	24	24
		B	16	18	7	9	10	12	6	10	6	13	24	24
		C	15	18	7	9	7	11	6	7	6	13	20	20
		A	20	20	10	10	10	16	6	15	7	12	28	28
		B	15	15	8	7	13	14	6	9	6	11	20	24
		C	11	16	10	10	14	15	5	7			20	20
		A	20	24	13	15	12	24	6	9	7	11	18	18
		B	14	16	7	13	12	18	8	10	7	9	20	20
		C	14	16	7	10	11	13	8	10	6	9	20	20
			11 24	15 24	7 20	9 24	7 16	11 24	5 9	6 15	6 10	9 15	20 28	18 28
		A	13	12	6	7	6	10		6(7)		7		20
		B	11	12		9	5	10		6(8)		8		15
		C	11	12				10		7		8(9)		16
		A	12	11		11	8	12		7(8)		6(7)		18
		B	11	12		7	5	7		6(8)		6(7)		18
		C	8	11		8	5	7		8		8		
		A	9	11		9	5	8		7(8)		7(8)		20
		B	12			8	7	7		10(12)		8		18
		C	11	14		8	6	7		8(12)		8		12
		A	12	14		9	7	7		7(10)		7		16
		B	11	13		6	7	7		8(12)		7		16
		C	13	15		9	5	8		7(8)		7(8)		13
			9 13	11 15	6	6 11	5 8	7 12		6 12		6 9		12 20
(      )		24	22	13	23	22	23	12	23	11	23	12	23	

\* : , ( )



(2)

< -8> . , ,  
11 24# 15 24# .  
.  
가 , 가 가 .  
.  
20 28# ,  
12 13# .  
9 13# 11 15# ,  
(6 11#), .  
가 ,  
가 (1992) , ½  
0mm, -0.25mm, -0.5mm 가  
가 ,  
, ‘ , ‘ . , ,  
0.0mm , 1 ½  
< -8> . , , .

(3)

가  
 , 7  
가  
가 가  
가 .  
가 .

(1)

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(1)

: cm

					( )							
		A	14.0	2 13	20.5	14.0	2	21.0	24.0		18.0	
		B	14.0	10 20	20.5	13.0	40	23.0	16.0	22 30	24.0	
		C	14.0	5 23	20.5	14.0	35	21.0	12.0	29	18.5	
		A	14.0	1 3	20.5	13.0	2	16.5	15.5	20	22.5	
		B	14.0	5 24	20.5	17.5	13	23.5	16.5	36	25.0	
		C	14.0	27	20.5	17.5	13	23.5	17.0	43	25.0	
		A	14.0		20.5	16.0	10 26	23.0	15.0	14 20	23.0	
		B	11.0	20	15.5	13.5	24 30	19.5	16.0	24 30	23.0	
		C	11.0	20	15.5	8 16	26 34	23.5	15.0	24	22.5	
		A	16.5		22.5	14.0	2	15.0	15.0	20	23.5	
		B	11.0	1 10	16.0	16.0	28	22.0	16.0	35	24.0	
		C	11.0	2 12	16.0	20.0	40	25.0	16.0	40	24.5	
			11.0 16.5	1 27	15.5 22.5	8 20	2 40	15.0 25.0	12 24	14 48	18 25	
			A	10.5	23	16.5	18.0	48 52	26.0	15.5	40	22.0
			B	10.5	23	16.5	16.0	45	22.5	15.0	40	19.5
			C	14.0	32	21.0	17.5	35 48	25.5	16.0	45	20.5
			A	12.5	27	19.0	16.5	30 36	22.0	15.5	43	20.0
			B	11.0	25	16.5	18.0	34 50	24.5	17.5	50	22.0
C			12.5	29	19.0	16.5		21.5	15.5	50	22.0	
		A	11.0	23	16.5	17.2		21.5	12(17)	35(45)	22.5	
		B	11.0	23	16.5	12 17	40	20 24.0	15.0	30(36)	20.5	
		C	14.0	25 30	21.0	17.5	42	24.0	16.0	40	22.0	
		A	12.5	27	19.5	15 17	34 50	24.0	17.0	47	22.0	
		B	11.0	23	16.5	18.5	44	23.0	17.0	42(47)	22.0	
		C	12.5	29	19.5	16.5	45	22.0	16.5		22.5	
		10.5 14	23 32	16.5 21.0	12 18.5	30 50	21.5 26.0	12 17.5	30 50	19.5 22.5		
( )			24	22	24	24	22	24	24	22	24	

< -9> . . \*

(2)

: cm

					( )						
		A	16.0		23.0	14.0	26	21.5	21.5	13	13.0
		B	15.3		22.7	14.0	34	21.0	18.0	12	10.5
		C	11.5	37	19.5	13.0	34	21.0	18.5	12	11.0
		A	17.5		26.0	14.0	38	21.0	14.5	22	21.5
		B	14.5		25.0	14.0	38	21.0	14.5	22	21.5
		C	17.0	45	27.0	14.0	38	21.0	14.0	25	21.5
		A	17.0		26.0	17.5		27.5	13.5	18	22.0
		B	16.0	37 40	25.5	11.0		25.5	11.0	18	17.5
		C	16.0		25.5	12.5		19.0	11.0	20	18.0
		A	15.0		24.0	14.5		22.0	14.0		22.0
		B	16.5		25.0	18.0		25.5	16.0		22.0
		C	16.5		25.0	18.0	58	26.0	14.0		21.0
			11.5 17.5	37 45	19.5 27.0	11 18	26 38	19 27.0	11 21.5	12 25	10.5 22
		A	16.0	30(45)	22.5	11.7	48	20.3	11.0	15	15.0
		B	17 18	45(65)	23.5	11.0	32(37)	16.5	11.0	16	16.0
		C	15.3	38(50)	23.0	13.5	35(45)	21.5	10.5	14(16)	17.0
		A	15 18	45(50)	24.0	14.0	40(52)	20.3	10.5	25	19.0
		B	17.0	40(50)	25.5	15.5	45(54)	21.5	10.2	25	19.0
		C	17.7	40(50)	25.0	14.5	50	20.5	11.2	28	19.5
		A	16.0	35(40)	24.0	13.2	40	19.5	11.2	13(25)	17.5
		B	14 16	35(45)	23.0	15.5	50	22.0	10.5	20(27)	18.0
		C	15.0	42(50)	21.0	16.0	40(45)	21.5	11.0	28	16.5
		A	16.5	40(50)	24.5	17.0	50(55)	23.0	14.5	25(32)	21.5
		B	16.5	45(55)	24.5	16.5	55	22.5	14.5	14(28)	21.5
		C	16.5	45(55)	24.5	17.5	45(55)	23.0	15.0	24(33)	20.5
			14 17.7	30 65	21 25.5	11 17.5	32(55)	16.5 23.0	11.2 15.0	13 33	15.0 21.5
( )			24	15	24	24	19	24	24	21	24

\* . , .  
 . < -9>  
 ( . . . ) .

< -9> . , ,  
11.0 16.5cm , 1 27 . 가 1 27  
 . ( )

— 4 · 6 : 140mm

가

가

(1)

< - 10> .

: %, : # ( )

		A	59.8	32	80.0		74.0		90.0	28	56.8	24	58.0	28
		B	59.8	28	50.5	28	62.5	50	72.2		58.9	24	61.0	32
		C	59.8	28	61.0	24	50.4	56	71.1	24	56.4	20	65.0	24
		A	59.8	32	68.0		56.9		86.5	20	77.0	18	65.0	28
		B	59.8	30	74.0	32	70.6		65.6		77.0	18	65.0	28
		C	59.8	28	74.0		72.8	24	85.0	20	74.6	18	63.0	24
		A	59.8	38	77.0	20	58.4		71.0	20	77.2	18	61.8	38
		B	55.0	24	71.0	28	57.4		74.0	32	65.5	28	62.2	38
		C	77.4	24	80.0	24	59.2		76.0	28	76.5		63.8	28
		A	77.4	38	69.0		59.6		69.1	16	62.9	24	64.2	28
		B	56.8	32	78.0	20	64.9		76.3	56	73.6	20	73.3	28
		C	56.8	24	87.0	38	64.1		76.3	56	75.0		61.2	28
				61.8	28	72.5		62.6		76.1		69.3		63.6
		A	55.8	20	75.1	16	63.1		71.0	32	58.3	20	53.2	28
		B	55.8	20	68.4		66.2		79.7	50	73.3		56.8	28
		C	61.2	20	71.6		75.2	40	66.0		61.3		57.6	
		A	60.3		70.3		60.7	15	70.7		72.1		64.3	
		B	58.4		72.7		70.2	14	80.2		74.1		62.4	
		C	60.3		76.8		66.7	24	73.9		75.4		70.3	24
		A	58.4	28	79.2		51.2	24	73.4		69.8		63.2	
		B	58.4	28	54(80)		69.8	28	67.6		74.9		60.9	24
		C	61.3		80.0		69.6	16	72.1		67.9		58.5	18
		A	61.8	24	84.4		73.9	18	75.4		77.1		66.7	32
		B	58.4	24	70.5		73.9	18(20)	78.4		73.2		66.7	32
		C	61.8		59.4	24	73.6	28	78.0		79.3		67.3	20
				59.3		72.8		67.8		73.9		71.4		62.3
			60.6		72.6		65.2		75.0		70.4		63.0	

< - 10>

61.8%

가

가

I( , 1990 )

53% 가

가

40%

, 60%

70%

가

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, 60%

가

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		A	100	20	116	68	186	94
		B	100	84	244	140	166	140
		C	144	84	416	164	184	150
		A	84	20	176	68	100	82
		B	100	36	300	54	132	86
		C	148	36	632	168	124	120
		A	116	68	148	160	124	86
		B	132	36	468	198	132	116
		C	164	82	474	200	68	108
		A	148	20	178	104	92	98
		B	100	52	182	72	84	66
		C	132	52	446	72	116	62
			122	49	315	122	126	101
		A	254	92	616	300	244	344
		B	294	228	464	332	292	362
		C	414	124	908	500	160	364
		A	326	100	648	108	180	342
		B	290	68	844	364	372	282
		C	280	260	554	374	476	324
		A	350	36	550	302	308	190
		B	322	260	624	420	148	228
		C	362	264	896	314	228	182
		A	322	164	676	236	158	132
		B	226	252	678	252	364	162
		C	258	260	228	244	322	200
			308	176	640	312	271	259

\* , . . 가

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 122 . (122), (126), (101) 가  
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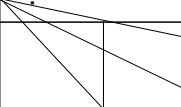
	A	2	98			100		6	70		
		B	2	98		20	80	5	60		
		C	5	95		5	80	5	30	40	
	A	3	97		100			15	70		
		B	50	50		65	20	15	50	30	
		C	50	50		60	20	10	30	20	
	A		95		5	80	15	60	30	5	
		B		90	10		90	10	15	60	
		C		60	20	5	80	15	10	80	
	A	35	65		100			20	20	40	
		B	60	40		30	70		26	14	
		C	80	20		40	50	10	30	40	
			$\frac{23.9}{287}$	$\frac{71.5}{858}$	$\frac{2.5}{30}$	$\frac{35.8}{430}$	$\frac{55.8}{670}$	$\frac{6.6}{80}$	$\frac{24.7}{297}$	$\frac{44.5}{534}$	$\frac{9.2}{110}$
	A	9	20		37	55	5	5	15	5	
		B	8	15		3	35		3	10	
		C	8	1		35	35		7	12	
	A	40	35		20	30	30	25	20	5	
		B	15	20		60	10		16	20	
		C	35	25	5	25	25	10	15	15	
	A	10	5	40	50	50		15	25	15	
		B	5	5	70		25	30	15	30	
		C		5	40		30	35	8	15	
	A	27	35	10	40	35	10	60	10	10	
		B	15	30	15	25	25	20	60	15	
		C	25	40	10	25	30	10	20	40	
			$\frac{16.4}{197}$	$\frac{20.5}{246}$	$\frac{15.8}{190}$	$\frac{26.6}{320}$	$\frac{32.0}{385}$	$\frac{12.5}{150}$	$\frac{20.7}{249}$	$\frac{18.9}{227}$	$\frac{13.7}{165}$
(――)			$\frac{20.2}{484}$	$\frac{46.0}{1104}$	$\frac{9.2}{220}$	$\frac{31.25}{750}$	$\frac{43.9}{1055}$	$\frac{9.6}{230}$	$\frac{22.8}{546}$	$\frac{31.7}{761}$	$\frac{11.5}{275}$

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	A		100		15	40		10	90	
	B	15	75		15	50		5	50	
	C				20	40		5	30	
	A	90	10	5	30	20		30	35	20
	B	60	40		30	25		17	40	15
	C	70	25	5	25	30		25	25	10
	A		90	10	15	60	15	10	70	10
	B	3	60	15	5	60	10		40	30
	C	10	70	10		50	15	15	20	30
	A	50	20		50	35		35	35	
	B	80	20		18	50		60	30	
	C	80	20		80	10	5	40	30	
		$\frac{38.1}{458}$	$\frac{44.2}{530}$	$\frac{3.8}{45}$	$\frac{25.3}{303}$	$\frac{39.2}{470}$	$\frac{3.8}{4.5}$	$\frac{21.0}{252}$	$\frac{41.3}{495}$	$\frac{9.6}{115}$
	A	25	5		25	15		12	25	5
	B	10	20		15	20		12	15	5
	C	40	5		20	20		15	10	5
	A	40	20	10	40	15	30	20	25	10
	B	35	25	30	32	25	10	25	15	20
	C	35	10	35	25	5	60	30	25	20
	A		15	60	15	10	50	13	10	15
	B		5	30	10	25	50	10	10	10
	C	3	5	30	5	5	40	5	5	18
	A	40	25	15	35	35	5	20	30	10
	B	40	40	15	28	35	15	40	40	5
	C	16	25	10	20	40	20	20	30	5
		$\frac{23.6}{284}$	$\frac{17.0}{205}$	$\frac{19.6}{235}$	$\frac{22.5}{270}$	$\frac{20.8}{250}$	$\frac{23.3}{280}$	$\frac{18.5}{222}$	$\frac{20.0}{240}$	$\frac{10.6}{128}$
	( — )	$\frac{30.9}{742}$	$\frac{30.4}{730}$	$\frac{11.6}{280}$	$\frac{23.9}{573}$	$\frac{30.0}{720}$	$\frac{13.5}{325}$	$\frac{19.8}{474}$	$\frac{30.6}{735}$	$\frac{10.1}{243}$

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 , , , , , 가  
 0.5%, 32.0%, 20.0%, 20.8% . 가 246%,  
 385%, 240%, 250% 가  
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	A		0			0			0			0							0			
		B		0			0			0									0			
		C		0			0	*											0			
	A		0			0										0			0			
		B		0			0									0		0				
		C		0			0									0			0			
	A		0			0					0					0			0			
		B		0			0									0			0			
		C		0			0										0		0			
	A		0			0			0							0			0			
		B		0			0		0								0		0			
		C		0			0									0			0			
					12				12	8		3	1	10		1	1	3	7	2	1	11
		A		0		0											0			0		
			B		0			0	*								0			0		
			C		0		0					0				0				0		
		A		0		0														0		
			B		0		0					0								0		
			C		0		0					0								0		
		A		0			0													0		
B				0			0					0				0			0			
C				0			0					0							0			
A			0			0													0			
		B		0		0													0			
		C		0		0				0		0							0			
				12		7	4	1	11		1	6	5	1		8	4				12	
				24		7	4	13	19		4	1	16	5	2	1	11	4	7	2	1	23

\* ( ) ‘ ’ (角) ( ), ‘ ’ (丸) ( ) . ‘ ’

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< -13> . ( ) , ,  
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가  
(100%) . (58%)  
가 (92%), .  
(64%).  
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70 %가 50%  
 ,  
가  
( , wire stiching)  
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( ) ( , 1997) ,  
70%가 ,  
가  
가 .

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가 .

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가 ISBN

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< - 14> 가 ISBN

	가										
		가(W)	가(£)	ISBN	가(\$)	ISBN	가(H)	ISBN	가(M)	ISBN	가(¥)
	A	540	2.66	0	8.40	0	50	0	26.90	0	357
		570	4.85	0	10.57	0	68	0	25.90	0	285
		730	5.75	0	39.20	0	61	0	28.50	0	294
	B	440	2.98	0	8.40	0	49	0	17.80	0	377
		570	2.63	0	27.26	0	36	0	17.80	0	265
		810	3.63	0	32.36	0	64	0	17.80	0	410
	C	630	4.75	0	4.80	0	56	0	23.40	0	296
		450	3.95	0	10.08	0	79	0	25.90	0	276
		600	5.50	0	10.78	0	76	0	15.90	0	296
	가*	840	2.98	0	10.78	0	67	0	20.40	0	561
		360	3.80	0	10.08	0	45	0	23.40	0	416
		460	5.60	0	12.02	0	36	0	25.90	0	435
	가	583	$\frac{7,485}{4.09}$	12	$\frac{17,236}{15.39}$	12	$\frac{9,918}{57}$	12	$\frac{13,140}{22.5}$	12	$\frac{3,916}{356}$
	A	890	8.15	0	30.45		110	0	31.80	0	706
		1,080	9.99		10.78	0	115	0	28.80	0	734
		1,540	9.05	0	38.26		154	0	26.90	0	815
	B	1,390		0	33.46	0	55	0	34.00	0	685
		930	6.99	0	34.56	0	123	0	40.95	0	685
		1,260	10.99	0		0	156	0	49.80	0	725
	C	1,340	3.50	0		0	108	0	34.80	0	541
		1,300	9.99	0		0	167	0	29.60	0	541
		2,720	10.00	0		0	112	0	34.80	0	700
	가*	1,480	8.99	0		0	104	0	35.80	0	458
		1,140	14.99	0		0	109	0	59.80	0	495
		1,470	11.99	0		0	115	0	35.90	0	740
	가	1,378	$\frac{17,400}{9.51}$	11	$\frac{33,040}{29.50}$	10	$\frac{20,706}{119}$	12	$\frac{21,550}{36.90}$	12	$\frac{7,172}{652}$

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< - 14> . 가 , ,  
 가 583 6 가 . 가  
 (17,236 , 15.39 \$) 1 , 2 (13,140 , 22.5 DM), 3  
 (9,918 , 57 FF), 4 (7,485 , 4.09 £), 5 (3,916 , 356 ¥) , 6  
 . , 가( 가)가 가  
 가 가가 .  
 1 가 가  
 가 .  
 가 , 가 가 (33,040 ,  
 29.50 \$) 1 , 2 (21,550 , 36.90 DM) , 3 (20,706 , 119  
 FF) 4 (917,400 , 9.51 £), 5 (7,172 , 652 ¥) , 가  
 (1,378 ) .  
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 ISBN(International Standard  
 Book Number, ) ,  
 ( , ISBN 3-464-25015-6) .

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\* (1999, 12 ) .  
 (1 £) : 1,830 , (1 \$) : 1,120 , (1 FF) : 174 ,  
 (1 DM) : 584 , (100 ¥) : 1,100 .

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 (1)  
 (‘Don’t run away’ 2) 가  
 ,  
 (5, 6 ‘Key Comprehension Book’ 3) ‘Answer in  
 Sentence’ , 가  
 가 ( )  
 ).  
 ( 2, ‘Leseschatz’ 2) 4가 ,  
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 (‘Time was book’ 7) 18# ,  
 , ,  
 (‘Glence English’, 9 ) ( , , )  
 .  
 (‘Prentice Hall literature’, Bronze) Time M  
 .  
 (‘The Study Economics’, 4) recycled paper .  
 ( 2, ‘Math Book 2’) Internet : To learn more about  
 the theme <http://www.n/math.com> 20 .  
 .  
 (‘Geometry’ 1 2) 13 가 Using Computer  
 Drawing Program .



[illegible]

가.

(1)

(가)

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			( 3 )						/ ( % )
				3	3	3	2	1	0/80
			3				1	2	100/20
		/	2	2	3	3	3	3	66/93
		/		3	3	2	3	3	0/93
		/	1	2	3	2	3	1	33/60
			2	1	1	3	3	1	66/60
				2	3	2	3	2	0/80
				2	2	2	3	3	0/80
			3	1	1	2	2	1	100/47
				2	2	1	1	2	0/53
				2	3	1	3	2	0/73
		가 /가	1	2	3	1	3	3	33/80
				3	3	1	3	3	0/93
				3	3	2	3	1	0/80
								2	0/13
				1	1		2	1	0/27
			3	3	2	3	1		100/60
				1	1				0/6
		,	3	1	1	2	3	3	100/80
									0/0
				1	1	1			0/13

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(가)

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			( 3 )						/ ( % )
				2	3	3		1	0/60
			3				3	2	100/33
		/	2	3	3	2	3	3	66/93
		/		3	2	3		2	0/67
		/	2	1	2	2		2	66/47
			2		2		2	1	66/33
			1	3	2	2	2	2	33/73
				2	2	3	2	2	0/73
			3	2	3	3	3	1	100/80
								2	0/13
					2	3	2	1	0/53
		가 /가			2	3	2	3	0/67
			2		2	3	2	3	66/67
				3	2	3		2	0/67
								1	0/6
								2	0/13
			3	3	3	3	3		100/80
			2		1	2		1	66/27
		,			1		3	1	0/33
					1				0/6
				3		1		1	0/33

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1) : ,

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2) : . , .

3) : , 가 . ,

4) : , .

(3)

(가)

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			( 3 )						/ ( % )
				3	3	3	1		0/67
			3				2	3	100/33
		/	2	3	1	3	3	3	66/87
		/		1	2	3	3	3	0/80
		/		2	2	3	3	3	0/87
			3	1	2	3	3	3	100/80
				3	3	3	3	3	0/100
				3	3	3	3	3	0/100
			3	3	1	2	2	2	100/67
					2	1	1	1	0/33
	가 /가			3	1	3	3	3	0/87
				2	3	3	3	3	0/93
			3	2	3	3	3	3	100/93
				2	1	3	3	3	0/80
								2	0/13
					3	1		1	0/33
			3	3	1	2	2		100/53
					1		1		0/13
		,	3	3	2	3	2	2	100/80
								1	0/6
									0/0

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1) : ,

2) : ,

3) : ,가 ,

4) : .

(4)

(가)

< - 18> .

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			( 3 )						/ ( % )
				3	3	3	3	3	0/ 100
			3						100/ 0
		/	3	1	3	3	3	3	100/ 87
		/	1	2	3	3	3	3	33/ 93
		/	1	2	3	3	3	3	33/ 93
			3	3	2	3	3	3	100/ 93
			1	2	2	3	2	3	33/ 80
			1	1	3	3	2	3	33/ 80
			3	2	2		2	1	100/ 47
				1		3	1	2	0/ 47
			2	1	3	3	3	2	66/ 80
		가 /가		1	3	3	3	2	0/ 80
			3	2	2	3	2	3	100/ 80
				1	2	3	2	2	0/ 67
					2			1	0/ 20
				1	1	1	1	2	0/ 40
			3	2			2		100/ 27
			2	2	3	3	1	2	66/ 73
		,	1				2		33/ 13
									0/ 0
				1				1	0/ 13

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(가)

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			( 3 )						/ ( % )
			3	3	3	3	3	3	100/ 100
									0/ 0
		/		3	3	1	3	3	0/ 87
		/		2	3	1	3	3	0/ 80
		/		2	3	1	3	1	0/ 67
				1	2	2	2	1	0/ 53
			1	2	3	1	3	3	33/ 80
				1	2	3	3	1	0/ 67
			3	2	1	2	1	1	100/ 47
				1	2	1	2	2	0/ 53
				2	3	2	3	2	0/ 80
		가 /가	1	2	3	3	3	3	33/ 93
			1	1	3	2	2	2	33/ 67
				1	3	1	3	1	0/ 60
			3		1	2	1	3	100/ 47
				2	2		2		0/ 40
				1		1			0/ 13
									0/ 0
		, ,	3	3	3	2	2	2	100/ 80
									0/ 0
						1			0/ 6

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- 2) : 가 .
- 3) : 가
- 4) : .

(2)

(가)

< -20> .

( )

			( 3 )						/ ( % )
			3	2	3	3	3	3	100/93
									0/0
		/	1	2	2	3	3	3	33/87
		/		2	2	3	3	3	0/87
		/		2	2	3	3	3	0/87
				1	1	1	3	2	0/53
				2	1	2	1	3	0/60
			2	2	2	3	3	2	66/80
			3	2	2	3	3		100/67
				1	1			3	0/33
	가 /가			1	2	2	2	3	0/67
				1	2	2	2	2	0/60
				1	2	3	2	2	0/67
				2	2	2	2	3	0/73
			3		2		2	3	100/47
				1	1	2	1		0/33
				2					0/13
			1			1	2		33/27
		,	1	1	1	1	1	3	33/53
			1		2				33/0
				2		1			0/20

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1) : 가 . 가

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2) : , .

3) : 가 ,

가 ,

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4) : . ,

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(3)

(가)

< -21> .

( )

			( 3 )						/ (%)
			3	3	2	3	3	3	100/93
					1				0/6
		/	1	3	2	3	3	1	33/80
		/		3	1	3	3	2	0/80
		/		3	1	3	3	2	0/80
				2	1	1	2	2	0/53
			1	3	2	2	3	1	33/73
				2	1	3	2	2	0/67
			3	2	2	1	1	3	100/60
				1	1	2	2		0/40
				2	3	3	3	3	0/93
		가 /가		1	2	3	3	3	0/80
			1	2	1	2	2	2	33/60
				1	2	2	3	2	0/67
			2	1	2			2	66/33
				2		3	3		0/53
			1		1				33/6
					1				0/6
		,	3	3	2	3	2	3	100/87
									0/0
							1		0/6

( )

1) :

2) : 가 ,

3) : 가 ,가 ,

4) : .





(1)  
(71)

< -23> . ( )

			( 3 )						/ ( % )	
			3	3	2	3	3	0/93		
		3			1			100/6		
	/			2	3	3	1	3	0/80	
	/			2	3	3	1	3	0/80	
	/		1	3	2	3	2	3	33/87	
			3	2	1	3	1	3	100/67	
			1	3	1	3	2	3	33/80	
			1	2	3	3	2	3	33/87	
			3	1	2		1		100/27	
				2		3	2	3	0/67	
				3	3	3	1	3	0/87	
		가 /가			2	3	3	2	3	0/87
				2	3	3	3	3	0/93	
				3	3	3	1	3	0/87	
			3	1	3				100/27	
				2		2	1	2	0/47	
						1	2	1	0/27	
						1		2		0/20
	,		3	1	1		1	2	100/33	
				2		3		1		0/40
										0/0

( )

(2)

(가)

< -24> .

( )

			( 3 )						/ ( % )
				3	3	3	3	3	0/100
			3						100/0
		/		3	3	3	3	3	0/100
		/		2	3	3	2	3	0/87
		/		2	2	3	2	1	0/67
			2	1	2	3	2	3	66/73
				1	2	3	2	3	0/73
			1	3	3	3	1	3	33/87
			3	2	1		1	3	100/47
				1	2	3	2		0/53
				2	3	3	2	2	0/80
		가 /가		2	2	3	2	2	0/73
				2	3	3	2	3	0/87
				2	3	3	2	2	0/80
			3		2	1		1	100/27
				2	1	1	2		0/40
				1		1	1	2	0/33
			2	2		1	3	2	66/53
		,		1	3	1			0/33
			1					1	33/6
						1			0/6

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1) : ,

2) : ,

3) : ,  
가 ,

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(3)

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< -25> .

( )

			( 3 )						/ ( % )
				3	3	3	3	3	0/ 100
			3						100/ 0
		/	1	3	3	2	1	3	33/ 80
		/	1	2	3	2	2	3	33/ 80
		/	3	3	3	3	2	3	100/ 93
			3	2	3	3	2	3	100/ 87
			3	2	3	3	2	3	100/ 87
			1	2	3	2	3	3	33/ 87
			2		3	1	1	1	66/ 40
			1	3		2	2	2	33/ 60
			1	2	3	3	1	3	33/ 80
		가 /가	1	3	3	2	3	3	33/ 93
			1	3	3	3	3	3	33/ 100
			2	3	3	3	1	3	66/ 87
			2		2	1		1	66/ 27
			1	3		1	2	2	33/ 53
					1	1	1		0/ 20
				1	3		1	1	0/ 40
		,					2		0/ 13
			3	2		3		2	100/ 47
									0/ 0

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1) : ,

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2) : .

3) : . 가

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가 .

4) : .

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			( 3 )						/ ( % )
				3	3	3	3	3	0/100
			3						100/0
		/	3	2	3	3	3	3	100/93
		/	3	2	1	3	3	3	100/80
		/	3	3	1	2	3	3	100/80
			3	1	1	2	3	3	100/67
			3	2	1	2	3	3	100/73
			3	2	3	3	3	3	100/93
			3	1	3	2		1	100/47
				2		1	3	2	0/53
			1	1		3	3	3	33/67
		가 /가	2	1	3	3	3	3	66/87
			2	1	3	3	3	3	66/87
			2	1	1	2	3	3	66/67
			3		1				100/6
				2		1	1	1	0/23
				1	2	1	1	1	0/40
			2	2	3	1	1	3	66/67
		,					1		0/6
				1		2	1		0/27
			1						33/0

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1) : ,

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2) : ,

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3) : , 가

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4) : ,

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(1)  
(가)

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			( 3 )						/ ( % )
			3	2	3	2	1	1	100/67
				1		1	2	2	0/40
		/		3	3	3	3	3	0/100
		/		2	3	3	1	2	0/73
		/		3	3	3	2	3	0/93
				1	2	3	2	2	0/67
				3	1	3	1	3	0/73
				2	3	3	3	3	0/93
			3	2	1		1	1	100/33
				2	1	3	2	2	0/67
				3	3	3	3	3	0/100
		가 /가		2	2	2	3	3	0/80
				2	2	3	3	3	0/87
				2	3	3	2	3	0/87
			3		2	2	3	3	100/67
				3	1	1			0/33
									0/0
			2	1		1	2	1	66/33
		,	1		3	2			33/33
									0/0
				2			1	2	0/33

( )

- 1) : , ( , , , , )
- 2) :
- 3) : 가
- 4) : 가

(2)

(가)

< -28> .

( )

			( 3 )						/ ( % )
			3	3	3	1	3	3	100/87
						2			0/13
		/		1	3	3	2	2	0/73
		/		1	2	2	1	1	0/47
		/		2	3	2	1	2	0/67
				1	2	2	1		0/40
				1	1	3	1	1	0/47
				1	3	3	2	3	0/80
			3	2	2		2	3	100/60
				1	1	3	1		0/40
				2	3	3	2	2	0/80
		가 /가		2	2	3	2	3	0/80
				2	3	2	2	2	0/73
				2	3	2	2	3	0/80
			3	1	3	3	3	3	100/87
				2					0/13
									0/0
			1	2	1	1	2	1	33/47
		,				1			0/6
									0/0
			2	1	2	1	1	2	66/47

( )

- 1) : , , 가 . ( , , , , ) .
- 2) : , .
- 3) : , 가 , , 가 , .
- 4) : , .

(3)

(가)

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( )

			( 3 )						/ ( % )
			3	3	3	1	2	3	100/80
						2	1		0/20
		/	1	3	3	3	2	3	33/93
		/	1	2	3	2	1	2	33/67
		/	1	3	3	2	1	2	33/73
			1	3	3	2	1	2	33/73
			3	3	3	3	2	2	100/87
			1	3	3	2	1	3	33/80
			3				2	3	100/33
				3	3	3	1		0/67
				3	3	2	3	3	0/93
		가 /가		1	3	2	2	3	0/73
			1	1	3	2	1	3	33/67
				3	3	3	2	3	0/93
			3			3	3	3	100/60
				2	3				0/33
				1					0/6
					3		1	1	0/33
		,	1	2		1	2		33/33
						1			0/6
			2	1		1		2	66/27

( )

1) : , (

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2) : , .

3) : 가

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가 .

4) : 가 ,

가 .



(4)

(가)

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( )

			( 3 )						/ ( % )	
			3		3	3	2	2	100/67	
				3			1	1	0/20	
	/			3	3	3	3	3	0/100	
	/			3	3	3	3	3	0/100	
	/			3	2	3	3	3	0/93	
				3	2	3	1	3	0/80	
				3	2	3	1	3	0/80	
				2	3	3	3	3	0/93	
			3		1	3	2		100/47	
				3	2		1	3	0/60	
					2	3	3	3	3	0/93
		가 /가			2	3	2	3	3	0/87
					2	3	2	2	3	0/80
					3	3	3	2	3	0/93
				3		2	3	2	3	100/67
					3	1		1		0/33
										0/0
					1		2	1		
	,			1	1				0/13	
									0/0	
			2	2		2	3	3	66/67	

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1) : , 가 ( ).

2) : ,

3) : 가

가 , 가

4) : .

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6)

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		B	1	0		2				1,2				1,2	0	0		1	0			2			
		C	1	0		2				1	0			1				1,3				2,1	0		
	A	1,2	0			1				2,1			0	1,2		0		2,1				2,1	0		
		B	1,2	0		2				2	0		0	1,2				2,1				2,1	0		
		C	1	0		2				3,2	0	0		2,1		0		2,1				2,1	0		
	A	1,2	0			1,2				1			0	1,2			0	1	4			1	0		
		B	1	0		1,2				2			0	1,2				3	5			1	0		
		C	1	0		1,2				2,1	0		0	1,2				2	4			1	0		
	A	1,2	0			1				2,1		0	0	2,1				2	4			1,2	0		
		B	1	0		2,3	0			2,3		0	0	2,1			0	1	3			1,2	0		
		C	1	0		2,1	0	0		2,3	0	0	0	2,1			0	2	4		0	1,2	0		
			1,2	2		1,6	2	1		1,4	5	4	8	1,7	1	3	3	1,5		1	1	1,6	11		
			2,6			2,6				2,7	3,1			2,5				2,7				2,6			
	A	1	0			2,3				2	0	0		2	0	0		1,2				1,2	0		
		B	1	0		2				1,2	0			2	0	0		1	0			2	0		
		C	1,2	0		2				2	0			2	0	0	0	2	0		0	2	0		
	A	1	0			2				2	0			2			0	2	0			1	0		
		B	1	0		2	0			2,1	0			2			0	2				1	0		
		C	1	0		2	0			2	0			2	0	0	0	2	0			1	0		
	A	1	0			1				2			0	2			0	1			0	1	0		0
		B	1	0		1,2				1,2				2,1				2,3				1	0		
		C	1	0		1,2				2,1			0	2			0	2				1	0		
	A	1	0			2				2	0			2		0	0	2				2	0		
		B	1	0		2	0			2	0			2				2,3				1,2	0		
		C	1	0		2	0			2				1,2			0	3				2	0		
			1,2	2		1,3	4			1,2	8	1	2	1,1	4	5	8	1,3	4		2	1,8	12		1
			2,9			2,9				2,10				2,11				2,8	3,1			2,4			
		1,2	2			1,9	6	1		1,6	3	5	10	1,8	5	8	11	1,8	4	1	3	1,14	23		1
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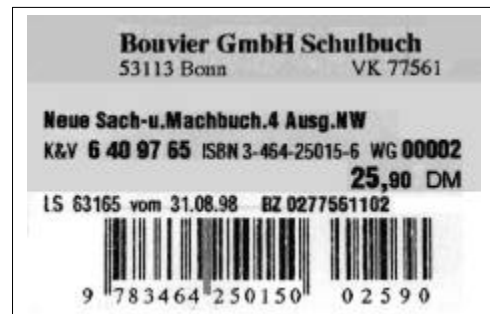
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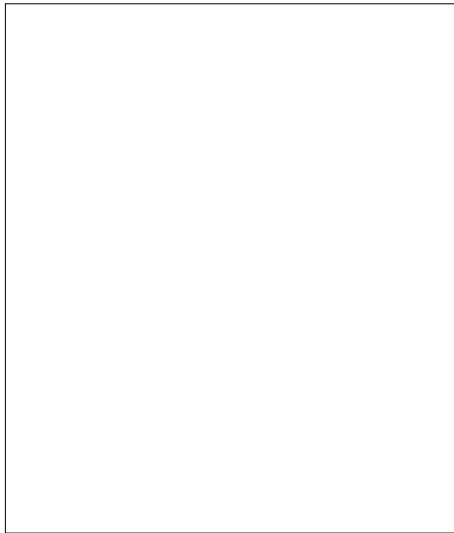
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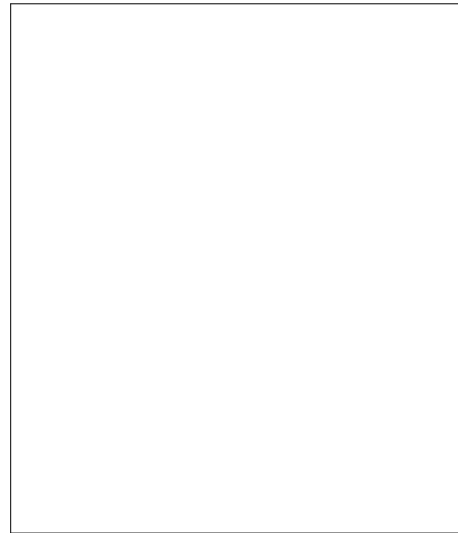
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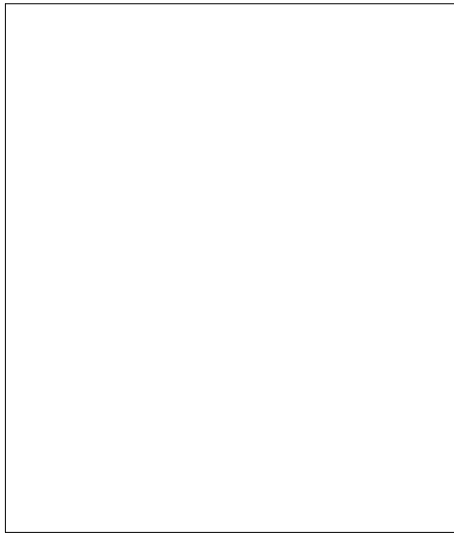
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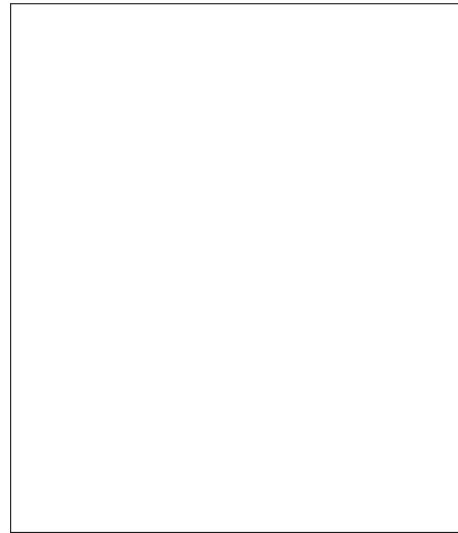
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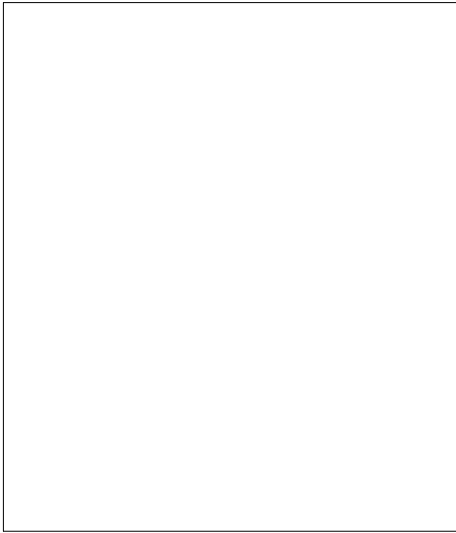
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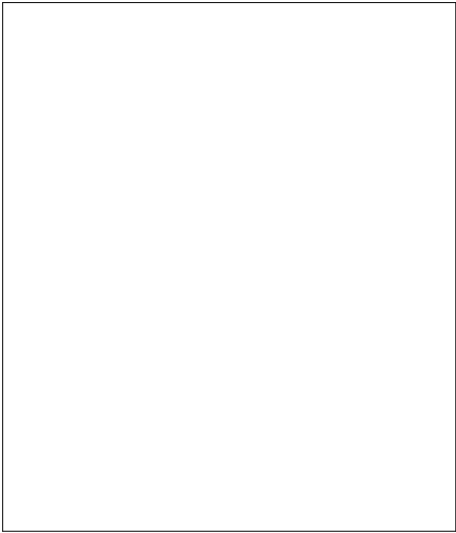
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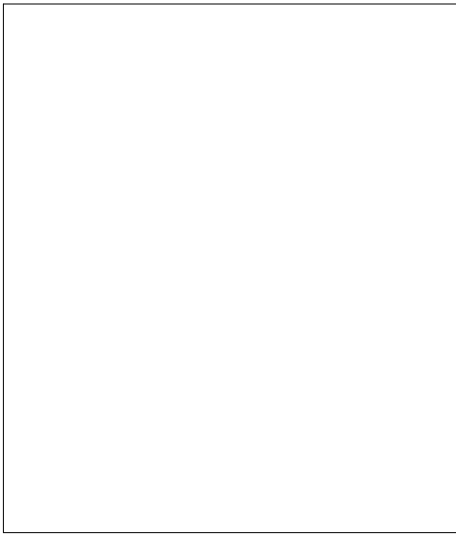
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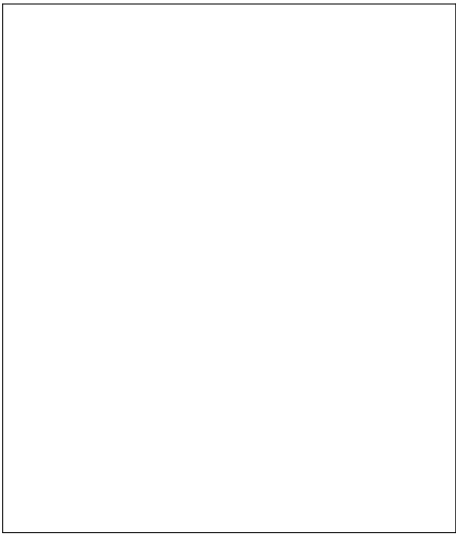
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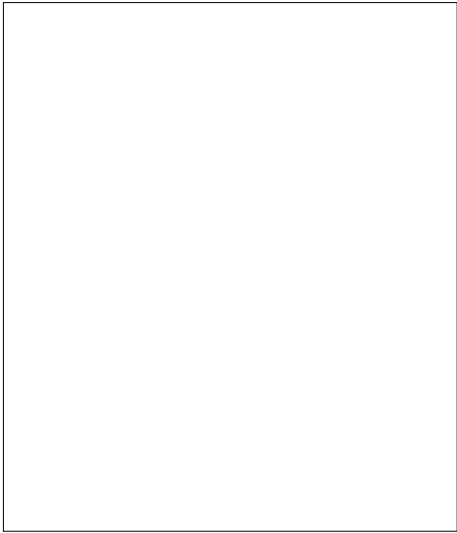
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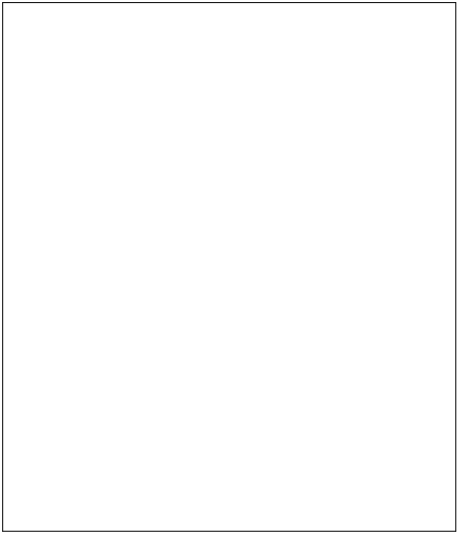
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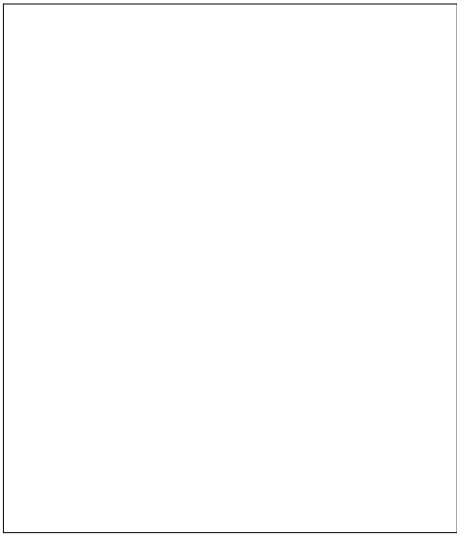
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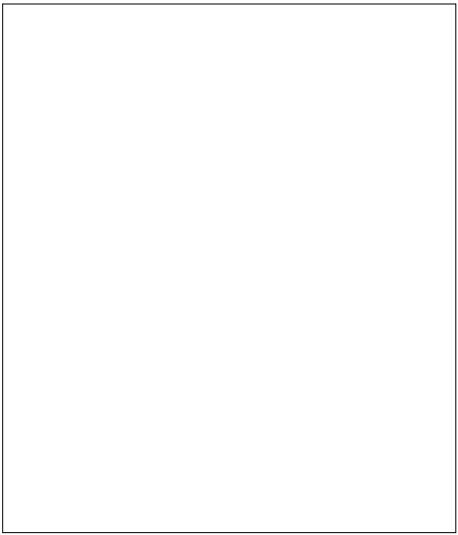
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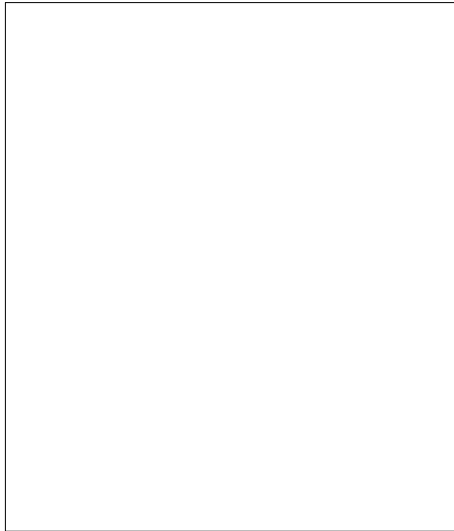


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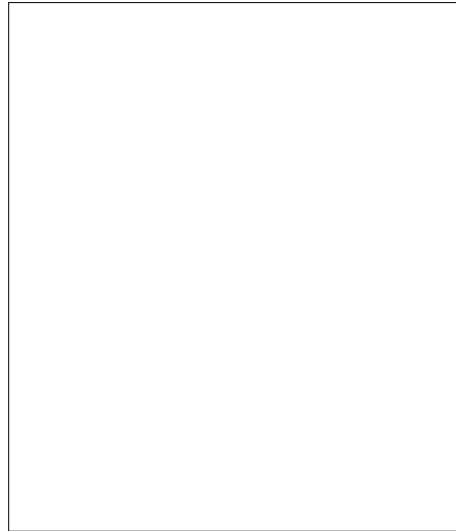


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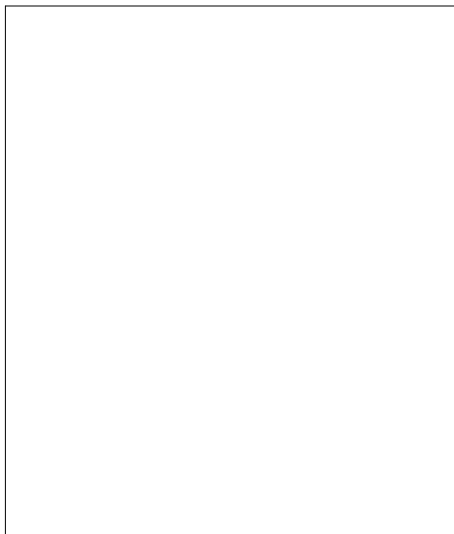
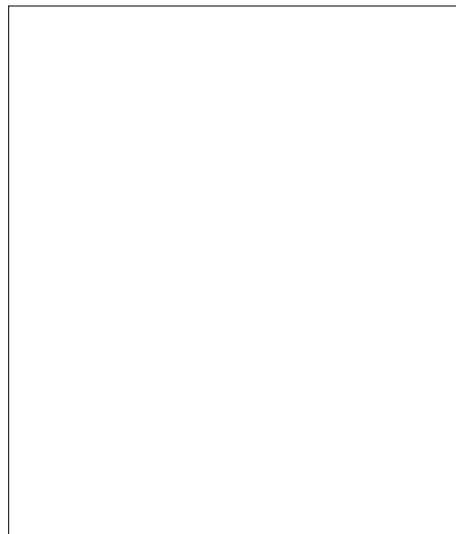
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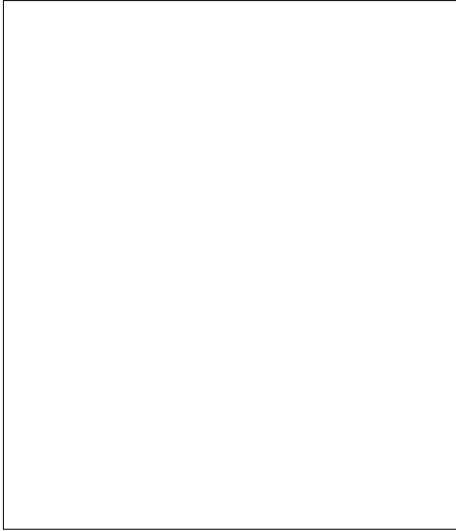
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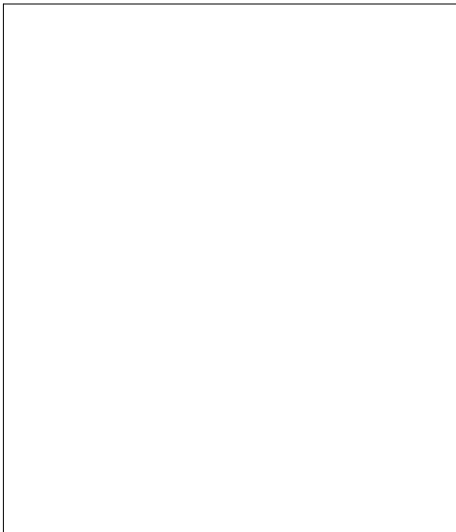




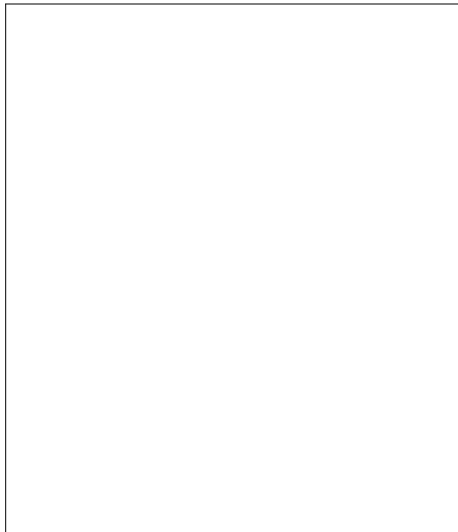
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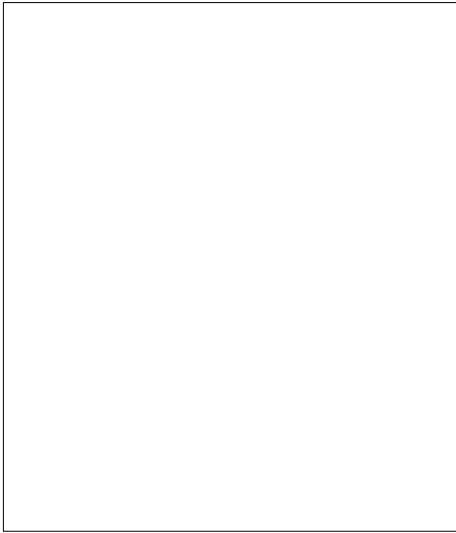
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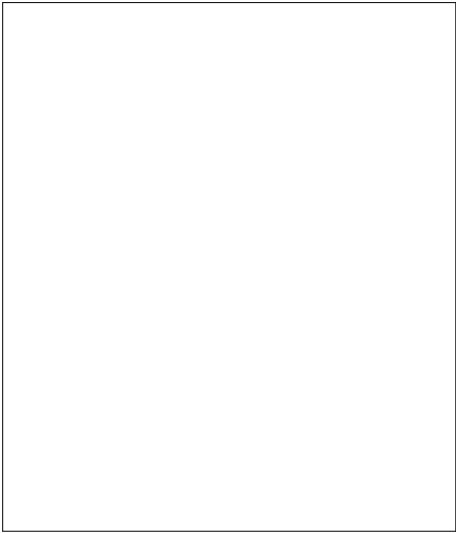
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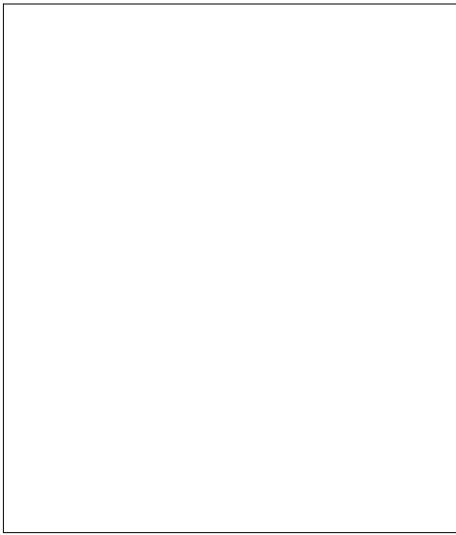
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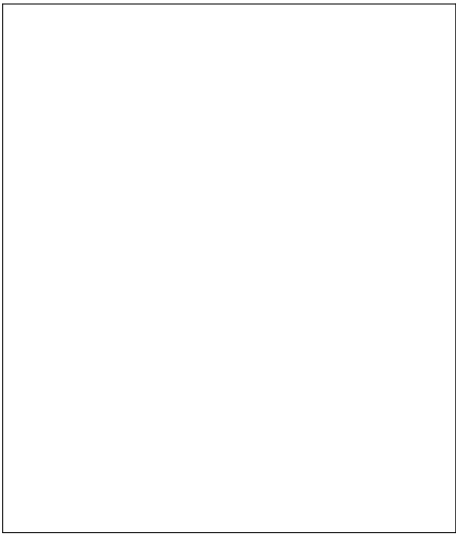
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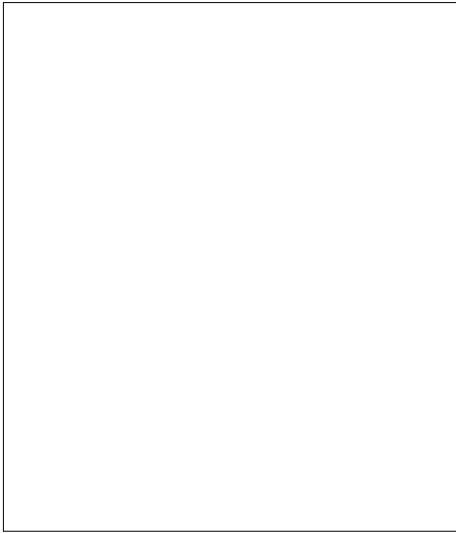
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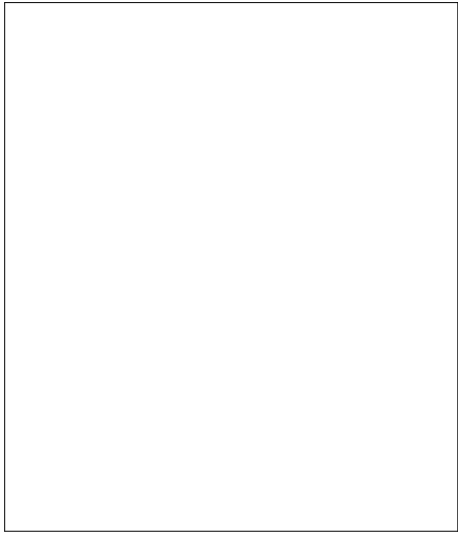
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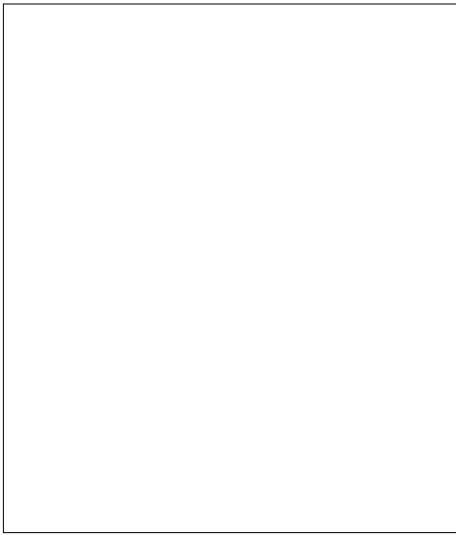
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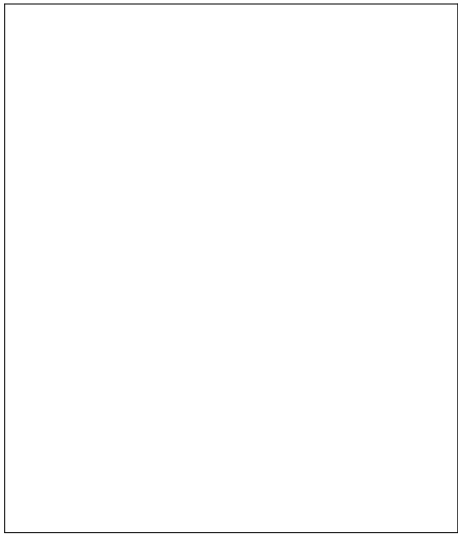


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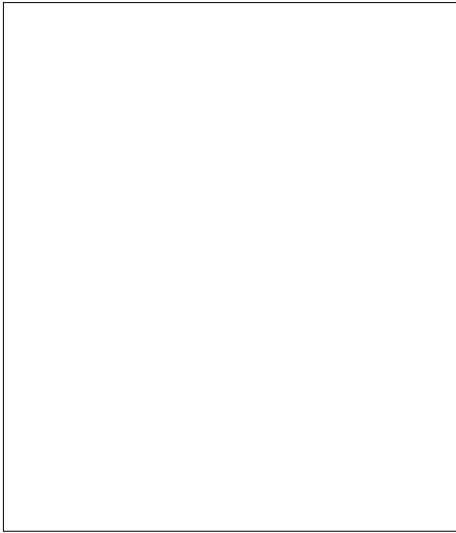
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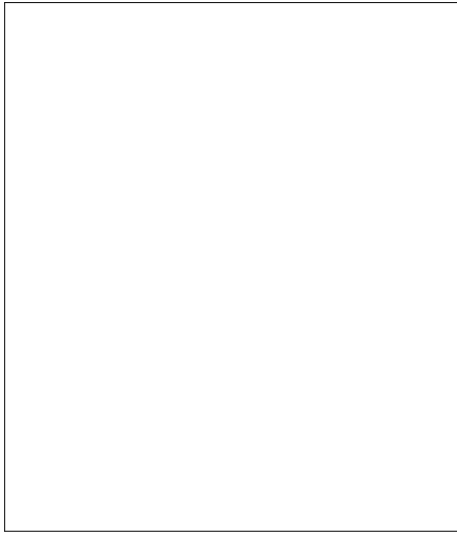
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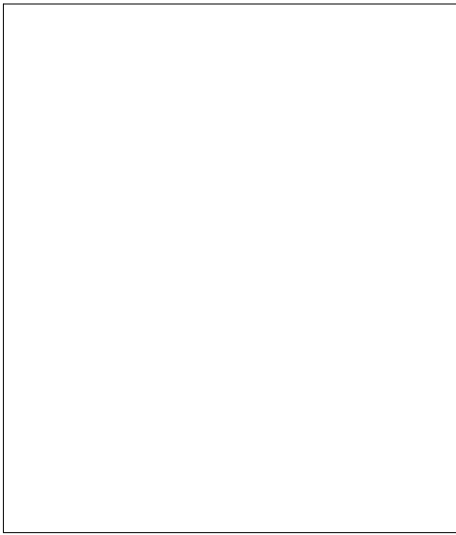
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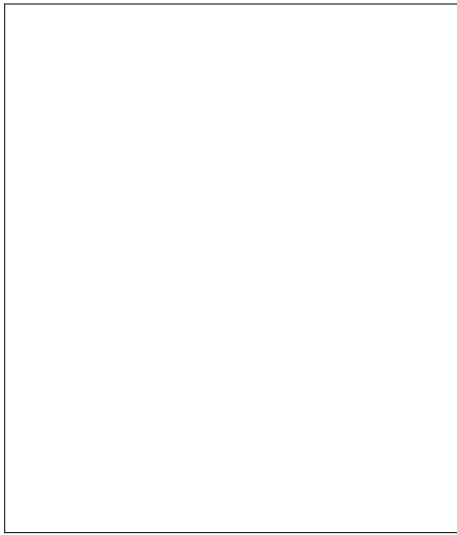
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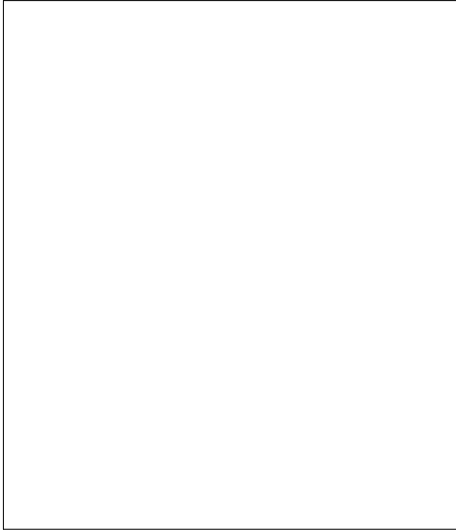
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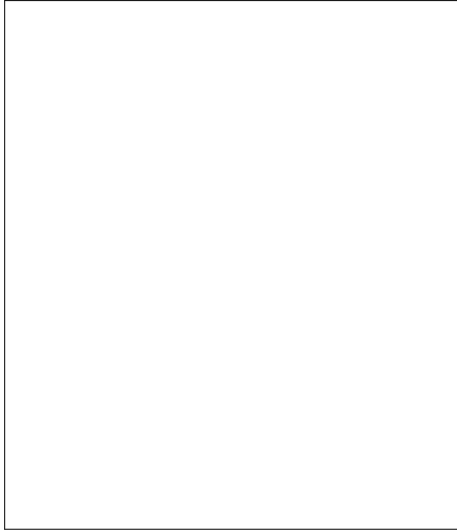
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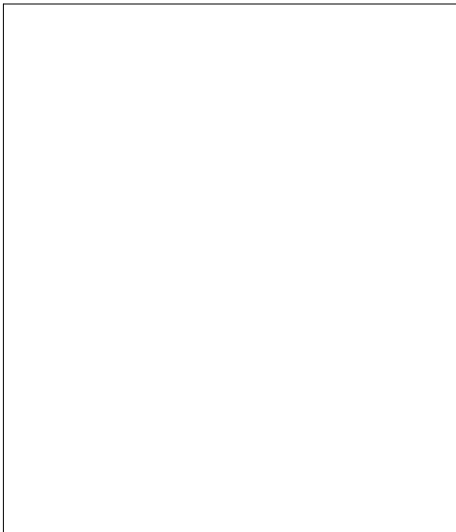
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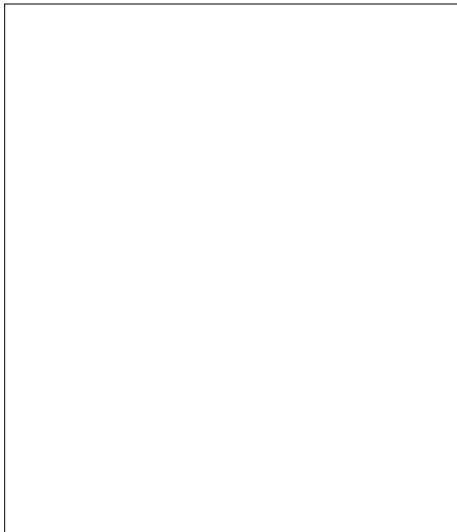
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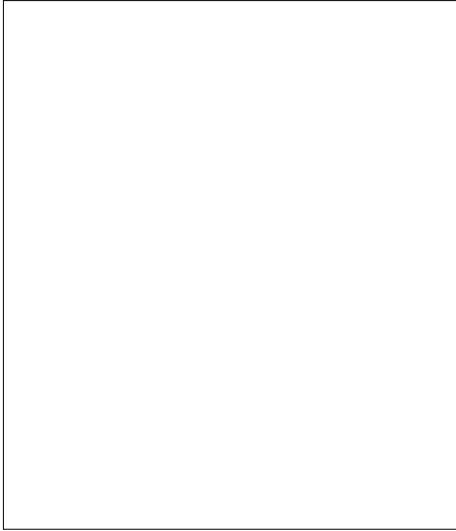
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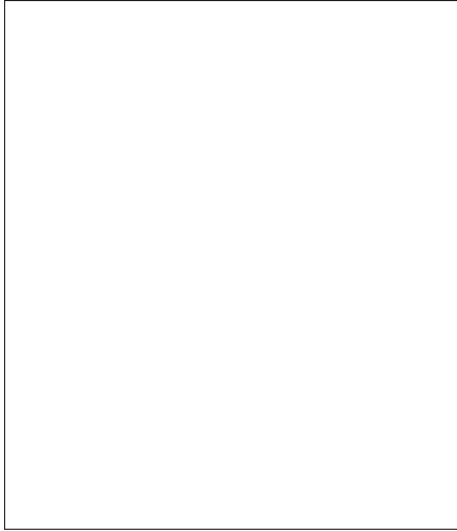
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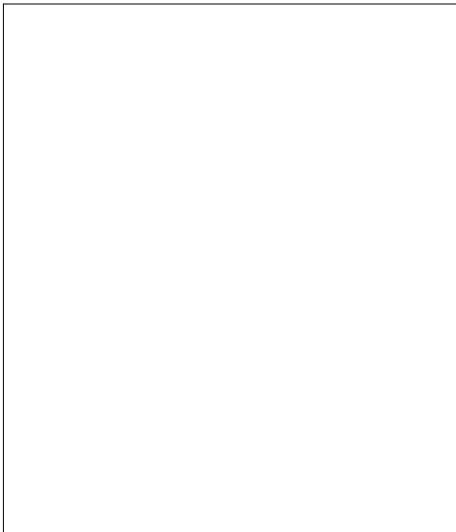
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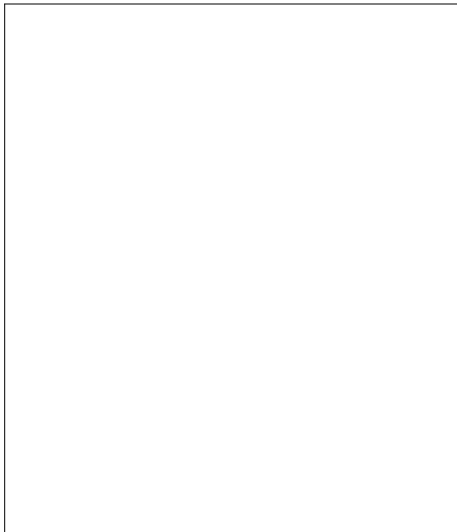
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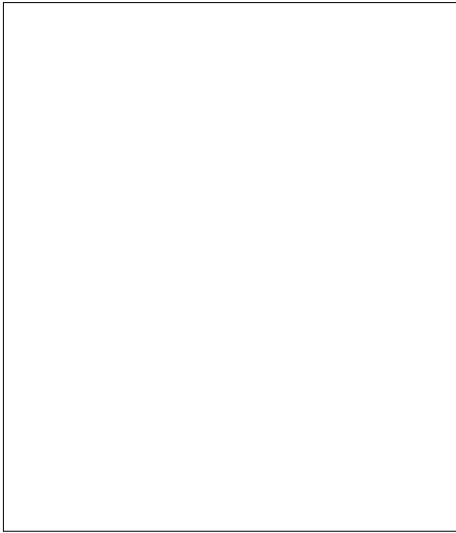


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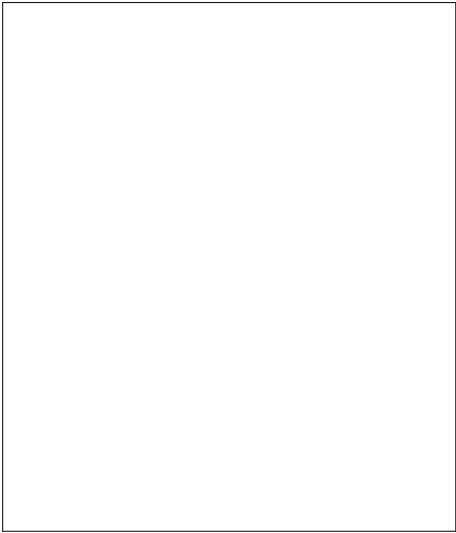


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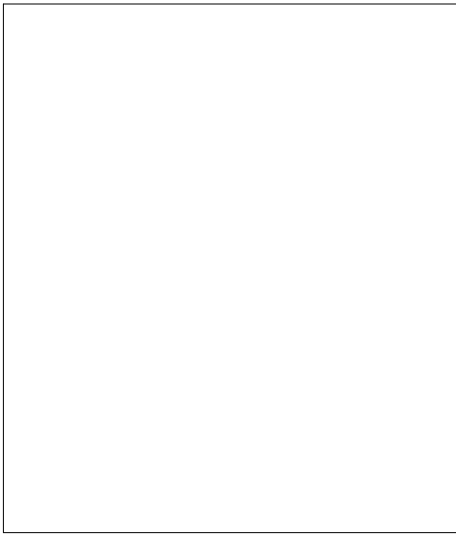
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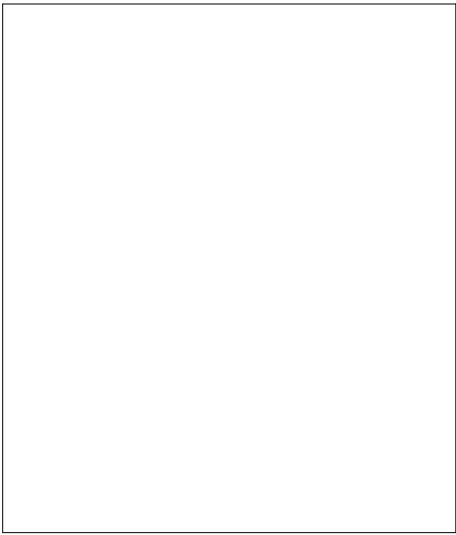
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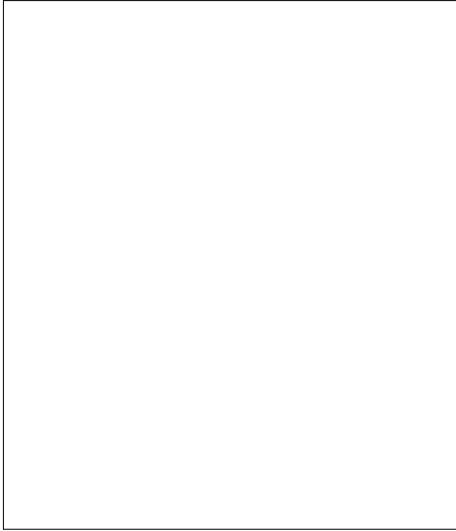


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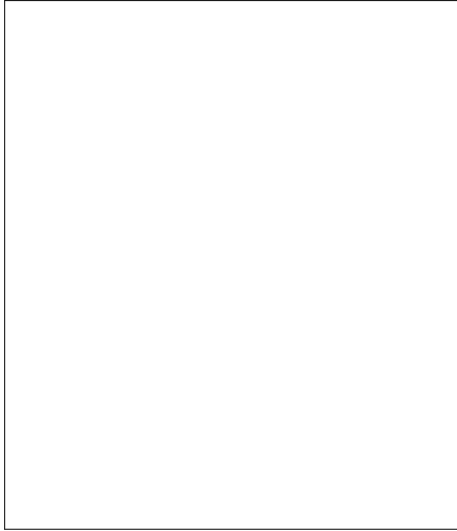
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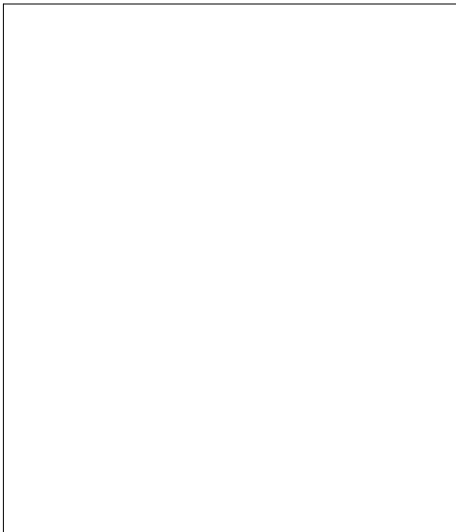
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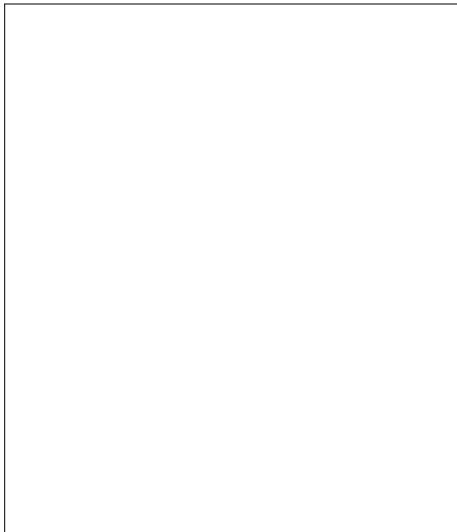
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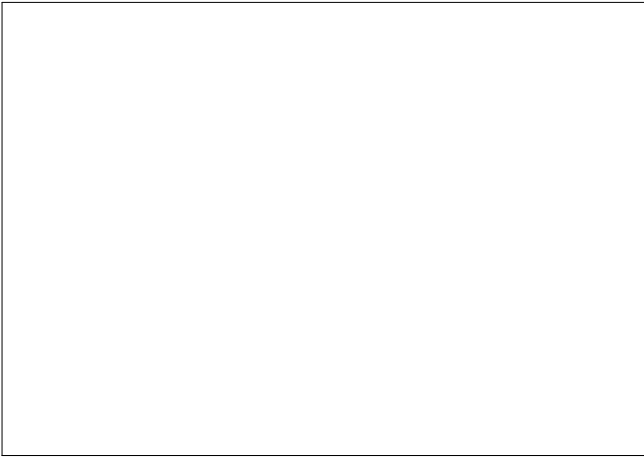


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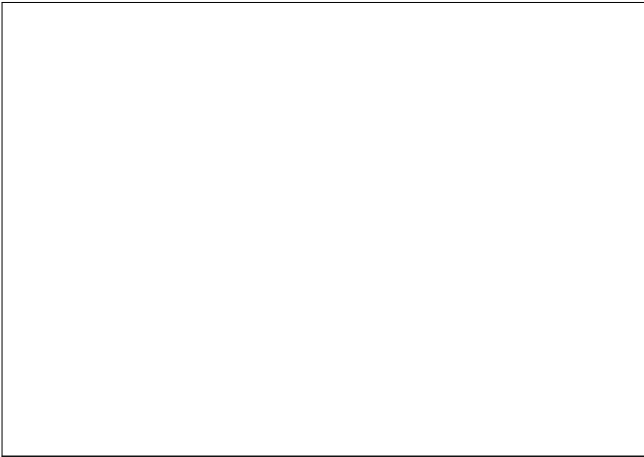
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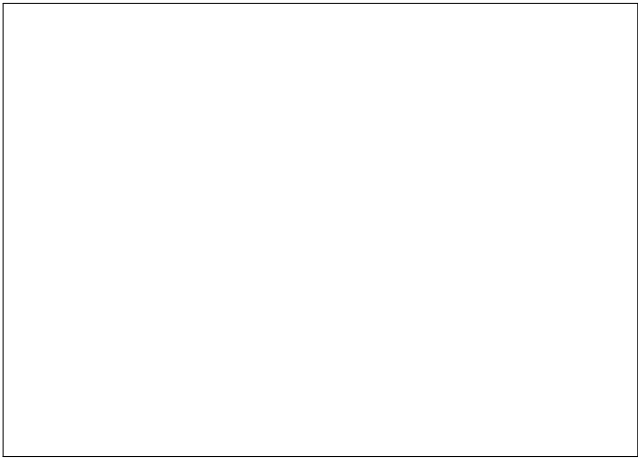
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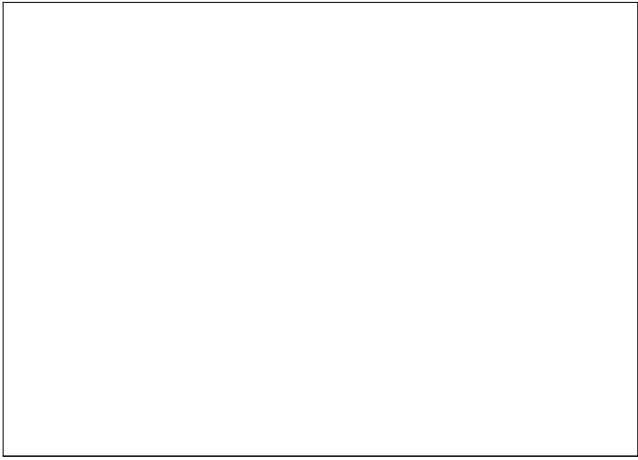
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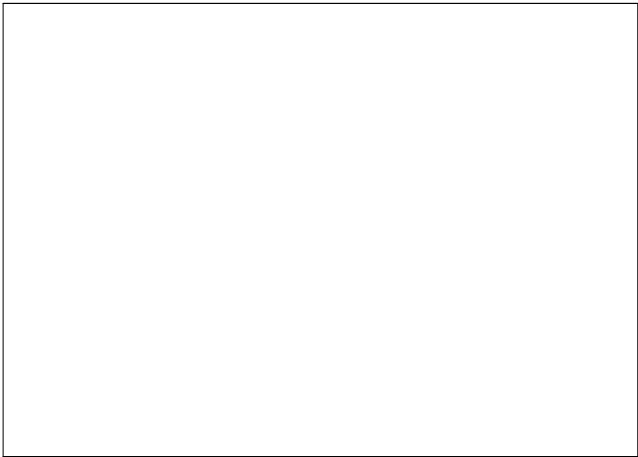
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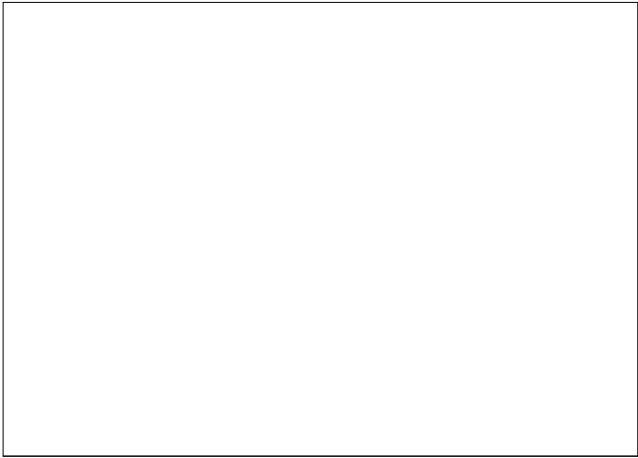


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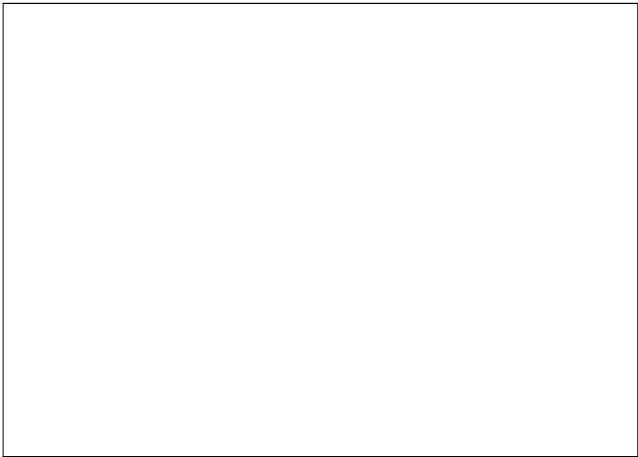
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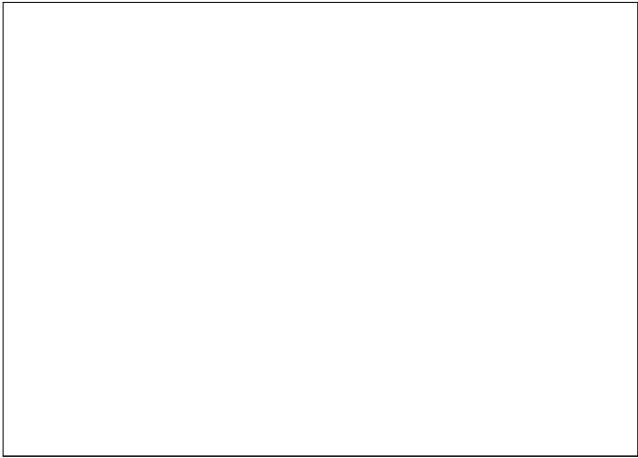
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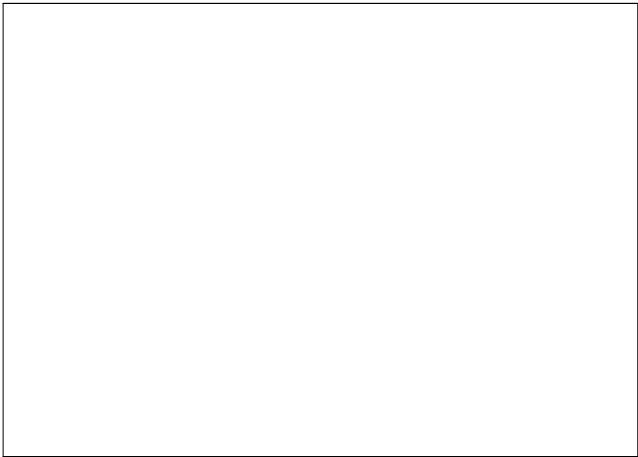


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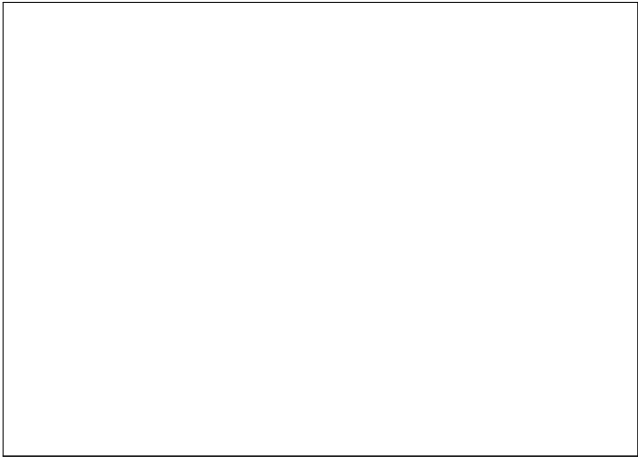
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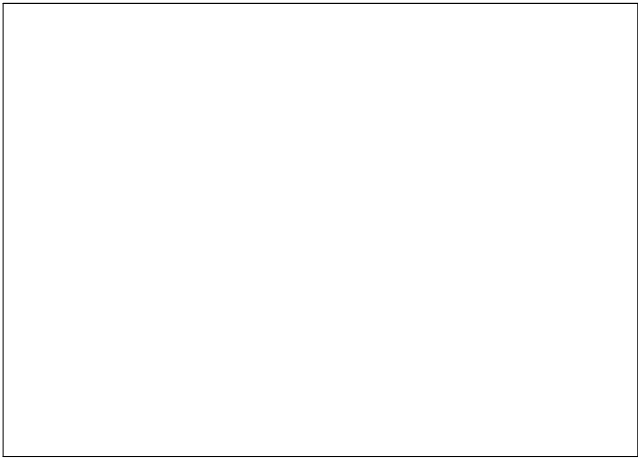
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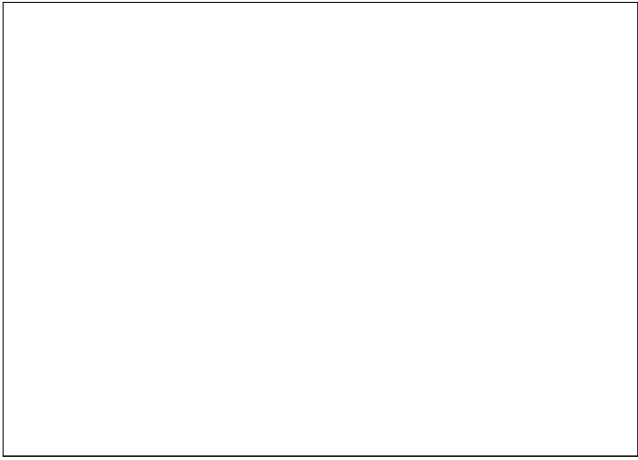
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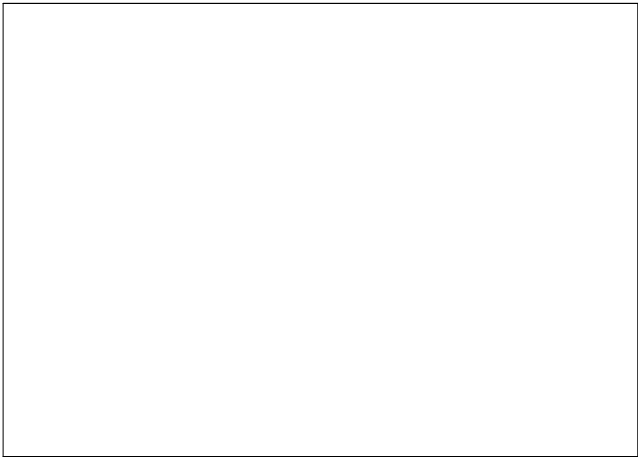
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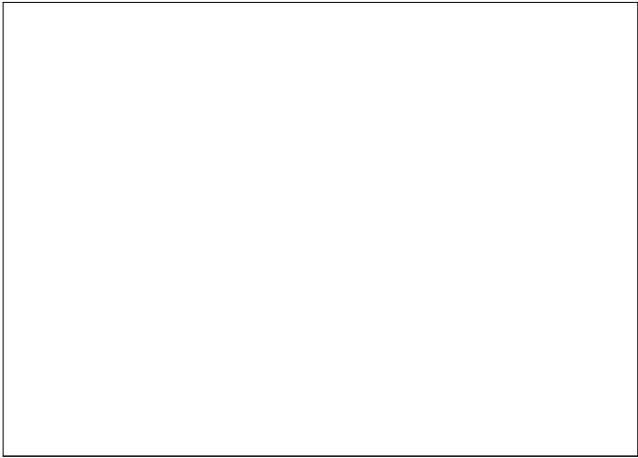
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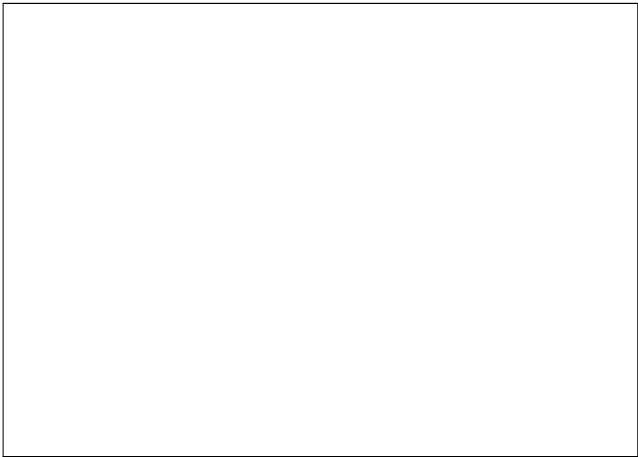
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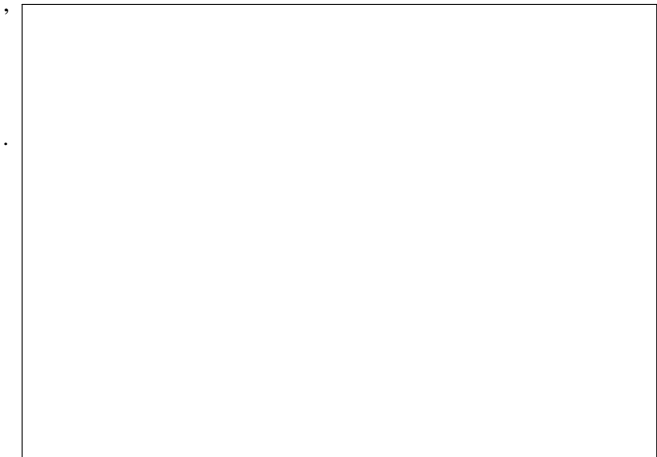
/ / 3 (40-41)

가

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2

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2

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/ / 2 (38-39)





1

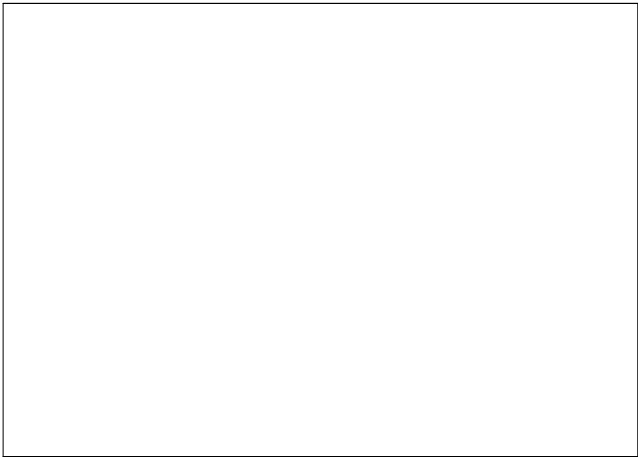
,

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가

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/ / 1(18-19)

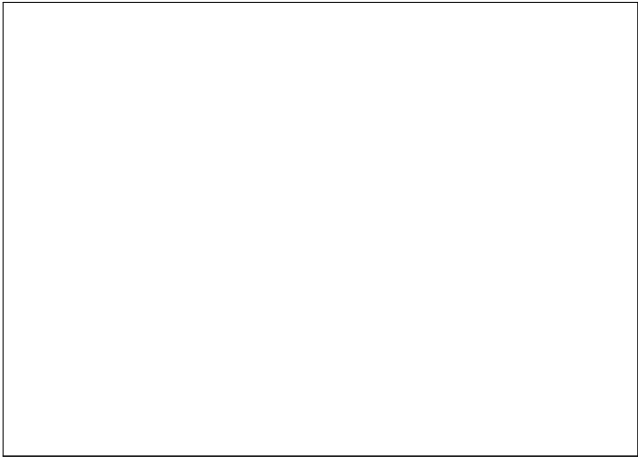


2

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(BOX)

/ / 3(8-9)



2

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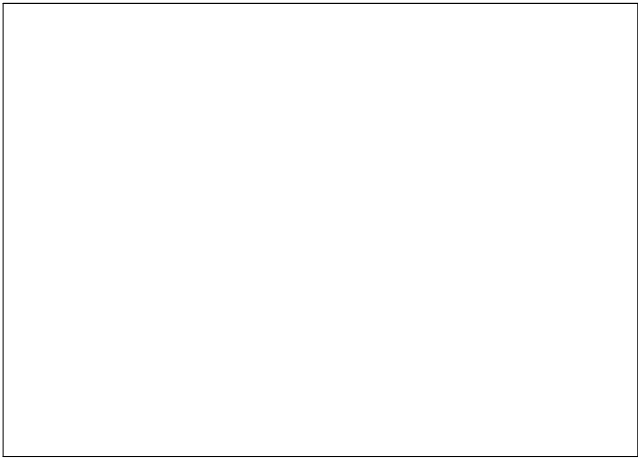
/ / 3(64-65)



2

3

/ / 1(34-35)



2

/ / 2 (126-127)



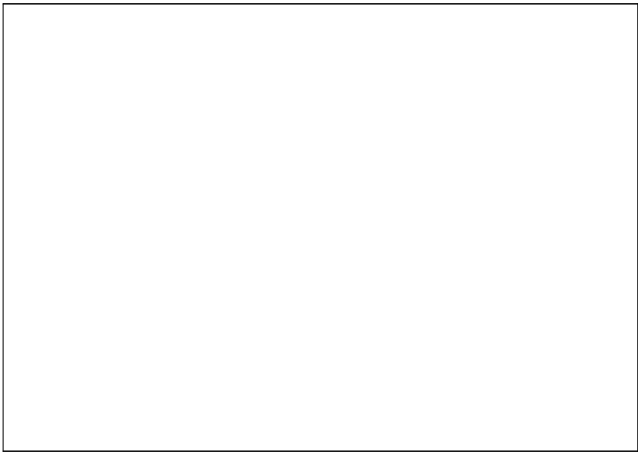
2

/ / 1 (166-167)



2

/ / 2(12-13)



2

/ / 3(22-23)

: 가 1 ( )

2 2 가

2 2 가

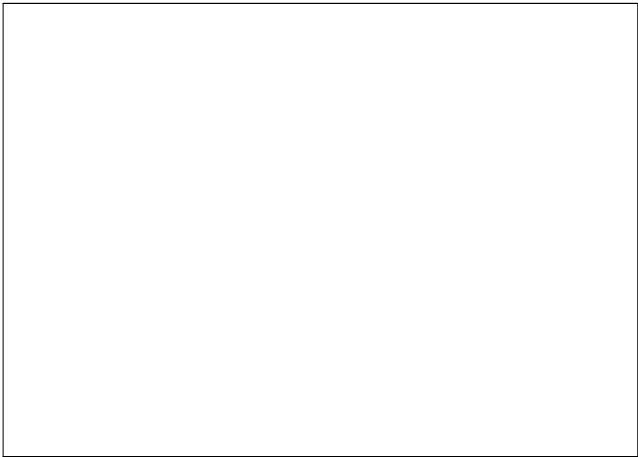
, ( )



(1 )

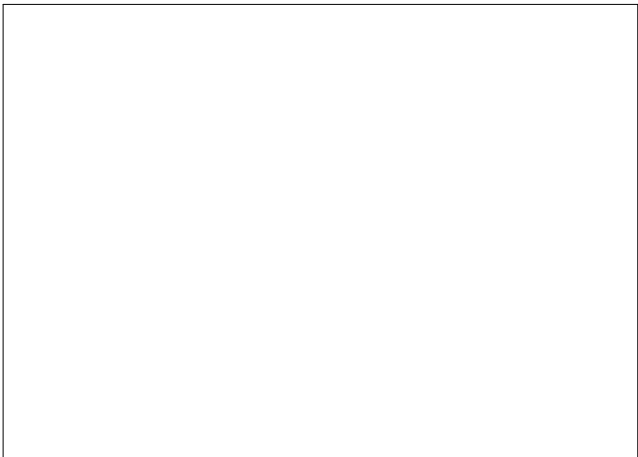
가

/ / 1(40-41)



3  
1 , 2 , 3

/ / 3, 4(28-29)



3

/ / 3(232-233)



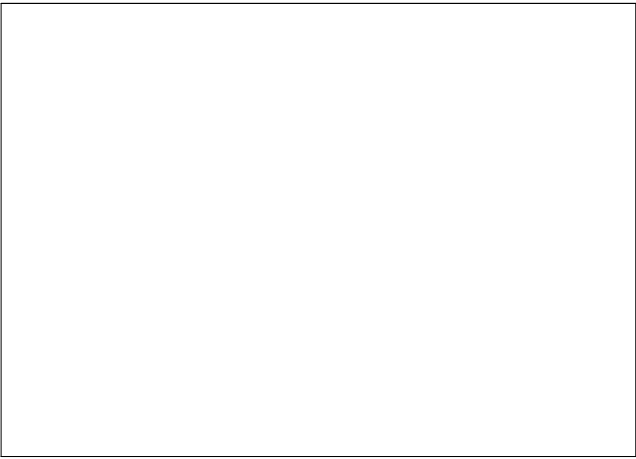
1 , 2 , 3

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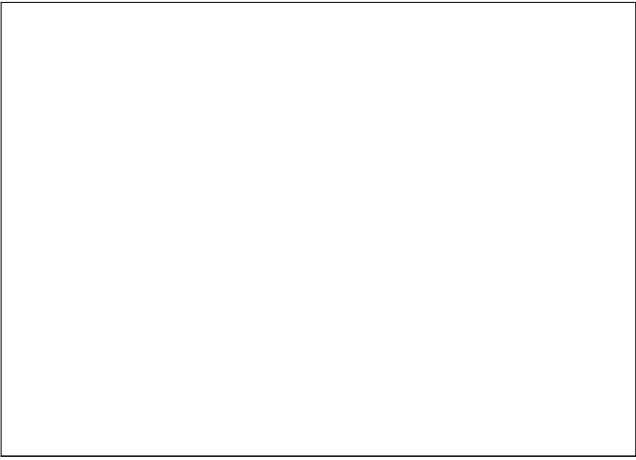
/ / 3(24-25)



2

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/ / 2(44-45)



1

,

가

.

/ / 2, 3 (10-11)



2 3

가 .

/ / 2, 3 (70-71)



1 , 2 , 3

,

.

/ / 3 (306-307)

: 가 1 ( )  
가

2 , 3 , 2 · 3  
가

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,

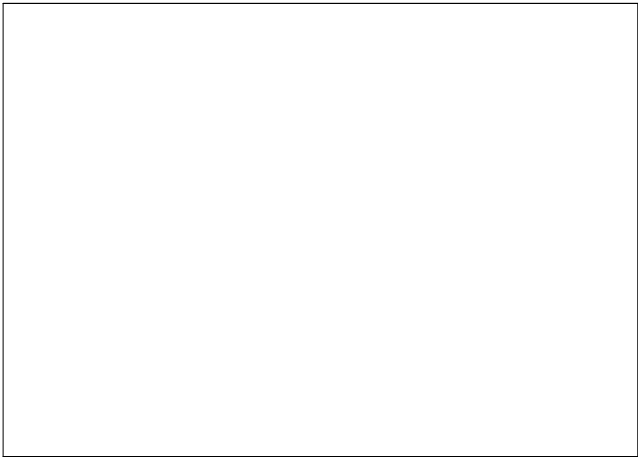
( )

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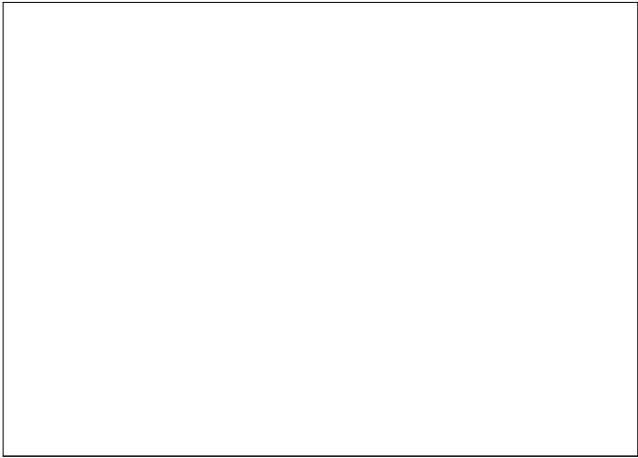
2

/ / 1 (140-141)



가

/ / 2(30-31)



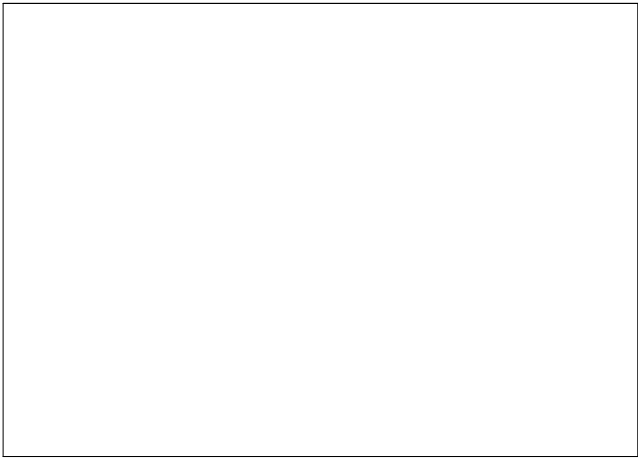
2

/ / 1, 2(16-17)



2 2

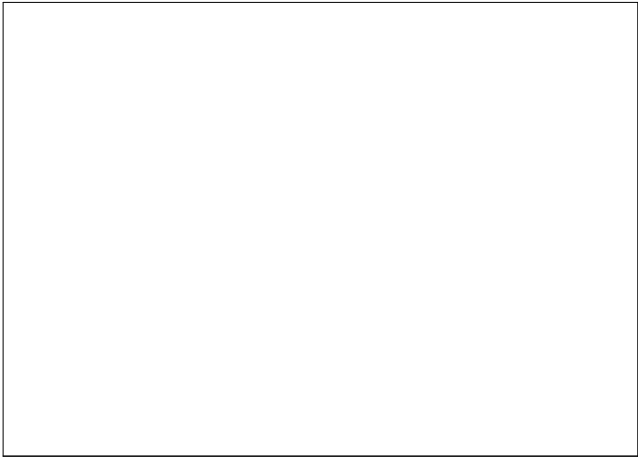
/ / 3(26-27)



2

가

/ / 4(6-7)



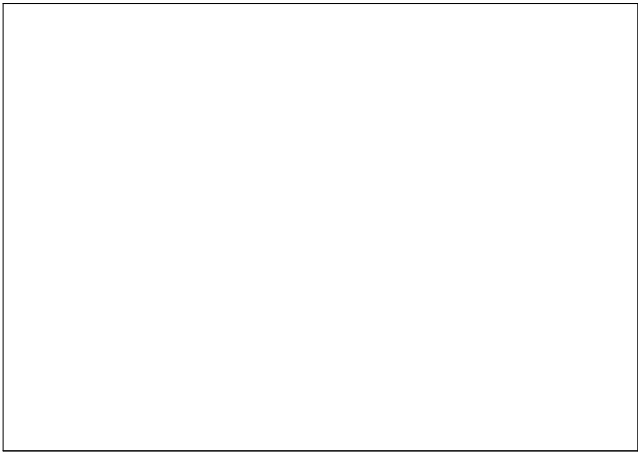
/ / 1(8-9)





1 2

/ / 1(282-283)



2

가

/ / 3(34-35)

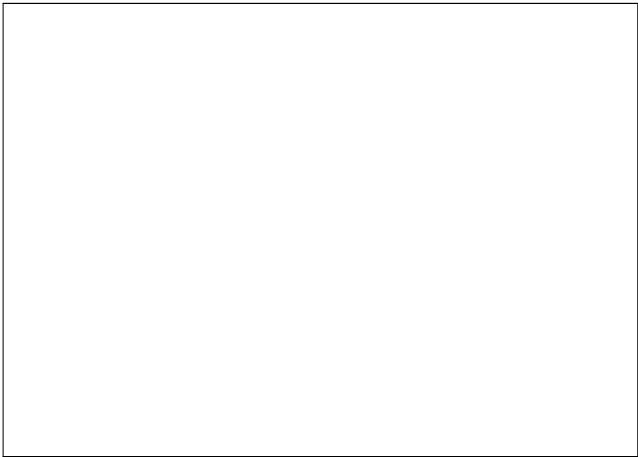
: 가 1 ( ) ,  
2 , 2  
가  
가 2 ( 3)



1 ( )

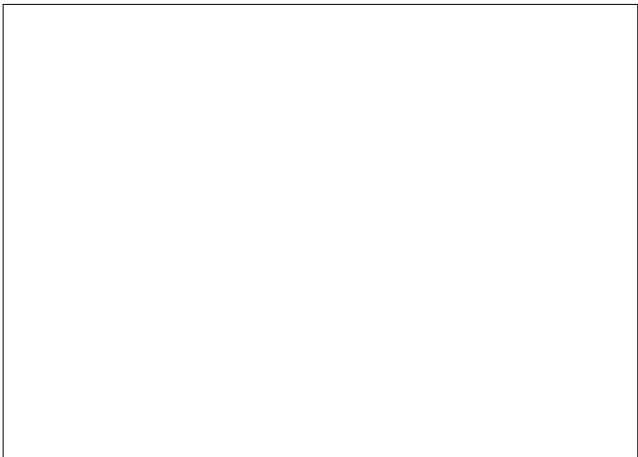
가

/ / 1(10-11)



2 2

/ / 4(26-27)



2

가

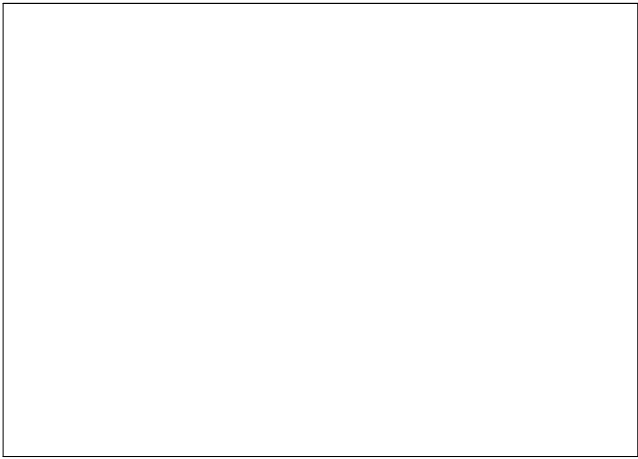
가

/ / 3, 4(10-11)



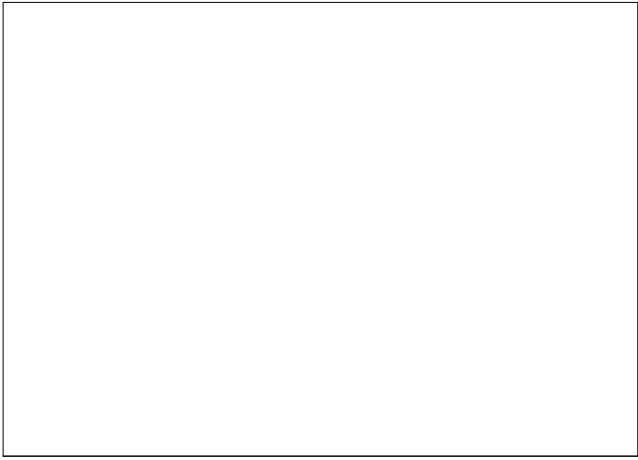
/ / 3 (14- 15)

3 2  
가  
.  
가  
.  
가  
.



/ / 3, 4 (132- 133)

2 3  
.  
.



/ / 1, 2 (16- 17)

2 2  
.



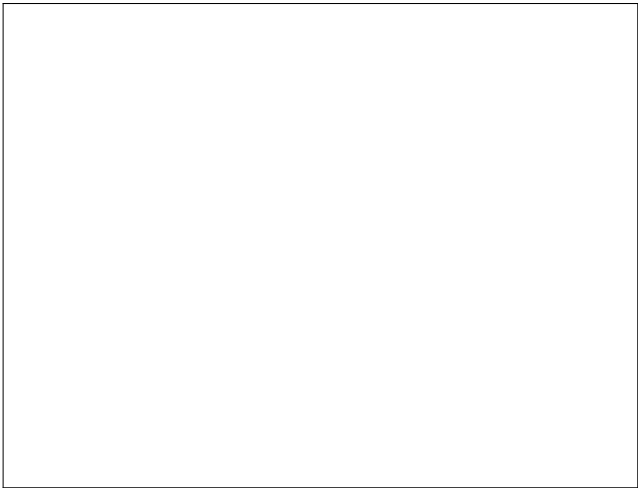
2 4

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/ / 1, 2 (10-11)



2

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/ / 1, 2 (26-27)

: 가 1 ( ) ,  
2 , 2 , 2 · 3  
· ,  
·  
가 ,  
가 ,  
·

2000

7

(        )가

가

가

가

2000

( 6 )

-1

, 2000

가

가

가

가

(     )가

[illegible]

2. : ( , , ), ( , ),  
( , 가 , ), ,  
, ,

1.

(1)

(7b) , ( · ),

1 , ( · ),

					** ( )				( )					
				4 · 6				S/ * W						
	(1-1)			○			90					260	4/4	4/4
	(2-1)			○			90						4/4	4/4
	· (2-1)			○			90						4/4	4/4
	(1-1)			○			90						4/4	5/5
	(2-1)			○			90						4/4	5/5
	(17b)			○			90						4/4	5/5
	(27b)			○			90						4/4	5/5
	(1-1)			○			90						4/4	5/5
	(1-1)			○			90						4/4	5/5
				4 · 6 :9			90:9					:9	4/4:9 5/5:6	4/4:3 5/5:6

\* s/w :

\*\*

( ) : g/m<sup>2</sup>

( ) . . . .

2 . . . .

				*		.		.		
	(1- 1)			28	100	14	24	14.5 (23)	18	20.5
	(2- 1)			24	100	12	24	14.5 (26)		21.0
	. (2- 1)			24	100	12	24	14.5 (25)	"	21.0
	(1- 1)			28	90	14	20	14.5	"	20.0
	(2- 1)			24 28	90	12 14	20	15.0	20	20.5
	(17b)			28	2.5×3.5 cm	14 16	20	14.5		21.0 22. 0
	(27b)			28	2.5×3.5 cm	14 16	20	14.5 (25)	16 20	21.5
	(1- 1)			28	90	14 16	20	15.0 (25)	1 4	21.5
	(2- 1)			28	100	14	20	15.0 (25)	1 7	22.0
		3	2	24 28	90	12 16	20 24	14.5 15.0	1 20	20.0 22.0

\* : (#) \*\* . : (#) \*\*\* . : cm

( ) , , , , ,  
3 , , , , ,

		(%)	(#)					
	(1-1)	61.85	56	128		90		
	(2-1)	63.35	56	104	5	90		"
	· (2-1)	63.35	56	104	5	90		"
	(1-1)	60.4	50	92	5	90		"
	(2-1)	63.9	50	116	5	90		"
	(17)	64.9	40	118		100		"
	(27)	64.8	40	118		85	15	"
	(1-1)	67.0	40	74	15	85		"
	(2-1)	68.7	40	80	35	60		"
		64.25	48	104	7.7( ) 70( )	86.7( ) 780( )	1.7( ) 15( )	: 9

: ‘ ’ , ‘ ’ , ‘ ’ ,  
( . . )



(2)

2000

( ) . , -2  
-13 , 1 3

(가) : 4 · 6 .

( ) : ( ) 가  
70g/ m<sup>2</sup>( . ) , 90g/ m<sup>2</sup>  
260g/ m<sup>2</sup> ,

7  
, 80g/ m<sup>2</sup>( )  
, ( 240g/ m<sup>2</sup>) .

( ) : 4  
가 . 가 4  
, 4 가 5/5 .

( ) : ,  
, , ,  
가

( ) : 18 32# ,  
24 28# ,  
가  
90 100# , ( )  
100# .

( ) : .  
15 24# , 20 24# .

( ) : 11.0 16.5cm( 4 · 6 )  
가 .

1 27 ( : 15.5 22.5cm) , 가  
1 20 ( : 20.0 22.0cm) 가

( ) : 가 .  
 61.8% , 64.25% ,  
 가 .  
 ( ) : ( ) 28#  
 , 48# 가 .  
 ( ) : 가 .  
 가 122 , 104 . 가 .  
 , 7  
 , 2000  
 가 . ,  
 가 .  
 ( ) : , 287 ,  
 23.9% , 70 7.7%  
 , 858 , 71.5%  
 가 , 780  
 86.7% ,  
 2.5% , 1.7%  
 .  
 , 가 가 ,  
 가 . . .  
 .  
 (3) , 가  
 , , .  
 . ,  
 .  
 가가 .  
 , 가 가  
 (가 .  
 ) .

2.

(1) ( )  
(가)

< 4> ( )

							( %)
			(3 )	(2 )	(2 )	(2 )	
			3		2	2	78
				2			22
		/	3			2	56
		/	3			2	56
		/	3		1	2	67
			3	2	2	2	100
			3	2		2	78
			3			2	56
			3			2	56
			3			2	56
				2	2		44
		가 /가	3			2	22
			3			2	56
			1			2	33
				2			22
			3		2	2	78
					2		22
		,	3	2		2	78

( )

1) :

,

2) :

가

가

3) 가 : 가 가 가

가

,

가

4)

:

( )

4

가

,

.

(2) ( )  
(가)

< 5> ( )

							( %)
			(3 )	(2 )	(2 )	(2 )	
			3	2	2	2	100
		/	3				33
		/	3				33
		/	3				33
			3				33
			3	2	2		78
			2			2	44
			3	2	2	2	100
			2				22
		가 /가					
			3	2			56
			3				33
			3	2	2	2	100
		,	3	2	2		78
						2	22

( )  
1) : ,  
 . ( ).  
2) : .  
( , ).  
3) : ( / ) . 가  
 . ,  
 .  
4) : .  
( )  
 ,  
가 ,  
 .

(3) , ,

(7h)

6 , ,

	(1-1)	1			○		(17h)	2	○		○
	(2-1)	1			○		(27h)	2	○		○
	· (2-1)	1			○		(1-1)	2.3	○		
	(1-1)	1			○		(2-1)		○		
	(2-1)	2			○			1:4 2:5 3:2 :5	4		7

: 1 ( ) 가 . 2 ,  
1 ( ) 2 1 ( ) .

( )

6 , 1 ( ) .

. 1, 2 가 ,

가 . 2 ,

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가 ,

. , BOX, .

가 .

( )

, ,

가

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, 가 ,

가 .

가 ‘ , .

3.

7 ( )  
 ( 1 6) , ( 1) ‘ ,  
 .

(1) ( 1-1) : ( ,  
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(2) ( 2-1) : , ‘ , ‘ , ‘  
 가  
 가 ‘, ‘ 가 가 , ‘ ,  
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 가 ( ),  
 가 .

(3) ( . 2-1) : .  
 가  
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 , , , , 가 가

(4) ( 1-1) : ( ) (box)  
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(5) ( 2-1) : 2 가  
 가 . 가 ,  
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(6) (17b) : . 가 .  
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가 .  
 (7) (271) : .  
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 (8) ( 1-1) : 2 , 3  
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, 가 ( ).  
 (9) ( 2-1) : 2 , 3  
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 가 .  
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2000  
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 가 .  
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 가 .  
 ‘ ’가 .

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- \_\_\_\_\_, ‘ \_\_\_\_\_ ’, \_\_\_\_\_, 1993.
- \_\_\_\_\_, ‘ \_\_\_\_\_ ’, \_\_\_\_\_ : \_\_\_\_\_ 2 \_\_\_\_\_, 1996.
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, 「 」, : , 1994.

, ‘ ’, , 1981.

, 「 ; A Design Art」, : , 1997.

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 , ‘ ’, : , 1994.  
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 , 「 」( 32 , 33 ), : , 1999.  
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A.* 1	( 1-1)	( ), 1999
B. 3	( 3-1)	( ), 1999
C. 6	( . . 6-1)	( ), 1999

A. 2	Don't Run Away ( , )	Ginn, 1998
B. 4	English Development( ) Book 3	Nelson, 1994
C. 5 6	Key Comprehension Book 3	Ginn, 1998

A. 1	Handwriting( )	McDougal, Littell, 1990
B. 2	Spelling Connections( )	Zaner-Bloser, 1996
C. 3	Houghton Mifflin Literay Readers Book 3	Houghton-Mifflin Co, 1989

A. 1 2	Jelis Seul ( )	Fiches De Lecture, 1997
B. 4 5	Livre Miroir(Lecture écriture)	Magnard, 1997
C. 4 5	Bled(Orthographe)	Hachette, 1998

A. 2	Leseschatz(Neubeareitung) 2	Cornelsen, 1998
B. 3	Mobile 3( )	Westermann, 1997
C. 4	Pustebume 4 (Schuljahr)	Schroedel, 1996

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\* A, B, C



- A. 2 (2 ) , 1998  
 B. 4 (4 ) , 1998  
 C. 6 (6 ) , 1998

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- A. 1 (1-1) ( ), 1999  
 B. 3 (3-1) ( ), 1999  
 C. 2 ( ) ( ), 1999

- A. 1 Brainwaves (level 2, ) Oxford Univ. Press, 1999  
 B. 2 Collins Study & Revision Guide English(Key Stage 3)  
 Collins Educational, 1998  
 C. 3 New Hotline( ) Oxford Univ. Press, 1998

- A. 1 Times Was(Book 7) Scott, 1995  
 B. 3 Glencoe English(Spectrum of English)  
 Glencoe Publishing Co, 1991  
 C. 1,2 Prentice Hall Literature (Bronze)  
 Prentice Hall, 1992

- A. 1 Littérature et Expression 5<sup>e</sup> Hachette, 1998  
 B. 3 Grammaire Française 3<sup>e</sup> Hachette, 1995  
 C. 2 Littérature 1<sup>re</sup> Textes et Méthode  
 Hatier, 1997

- A. 1 (7) Unterwegs (Lesebuch 7, ) Klett, 1998
- B. 2 (8) Lesestrabe (8L, ) Bayerischer-S-Verlag, 1994
- C. 4 (10) Das Hirschgraben Sprachbuck 10( ) Cornelsen, 1998

- A. 1 1 , 1999
- B. 3 3 , 1999
- C. 1 1 , 1999

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- A. 1 (1-1) ( ), 1999
- B. 3 (3-1) ( ), 1999
- C. 6 (6-1) ( ), 1999

- A. 2 Rocks, Soil And Water(Topic book, ) Ginn, 1998
- B. 5 Using The Land(Topic book, ) Ginn, 1997
- C. 6 The Environment(Topic book, ) Ginn, 1998

- A. 1 I Know A Place Houghton Mifflin Co; 1995
- B. 4 Virginia MacMillan/McGraw Hill School Co; 1991
- C. 6 America Will Be Houghton Mifflin Co; 1991

- A. 2 3 L'e Space(L'e Temps), CP/CE I Hachette, 1998
- B. 2 3 'Education Civique(Cycle 2) Nathan, 1995

C. 4, 5	Histoire (Cycle 3)	Hachette, 1997
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A. 2	Religionsbuch Oikoumene 2	Patmos, 1997
B. 3	Religionsbuch Oikoumene 3	Patmos, 1997
C. 4	Religionsbuch Oikoumene 4	Patmos, 1997

A. 3	(3 )	, 1998
B. 4	(4 )	, 1998
C. 6	(6 )	, 1998

A. 1	(1)	( ), 1999
B. 1	( , )	( ), 1999
C. 1 2	( )	( ), 1999

A. 1	Geography Direct 1(Key stage 3)	Collins Educational, 1998
B. 1 2	Black Peoples of the Americas(1500- 1900's)	Harper Collins Publisher, 1997
C. 3 4	The World This Century Working With Evidence	Collins Educational, 1998

A. 3	Civics (participating in our democracy)	Addison-Wesley Publishing Co; 1996
B. 3	Principles of Economics	The Druden Press, 1998

C. 3 4 The Study of Economics(4 )  
Dushkin Publishing Group, 1995

A. 1 'Education Civique 5° Hatier, 1998  
B. 2 Histoire Geographie 4° Hatier, 1998  
C. 3 L'espace Mondial Magnard, 1998

A. 2 Erdkunde für Gymnasien in Nordrhein- Westfalen 8  
Westmann, 1998  
B. 3 Unseve Geschichte Band 3  
Diesterwey, 1991  
C. 2 3 Geographie(12 13) Gymnasiale Overstufe  
Cornelsen, 1998

A. 1 ( ) , 1999  
B. 2 ( ) , 1999  
C. 1 B , 1999

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A. 1 (1- 1) ( ), 1999  
B. 3 (3- 1) ( ), 1999  
C. 6 (6- 1) ( ), 1999

A. 3 Ginn Mathematics 3 (Textbook) Ginn, 1997

B. 5	Ginn Mathematics 5 (Enrichment Textbook)	Ginn, 1997
C. 5	Ginn Mathematics 5 (Textbook 2)	Ginn, 1997
A. 1	Mathematics 1	Silver Burdtt Ginn, 1994
B. 4	Mathematics 4	Houghton Mifflin Co, 1994
C. 4	Mathematics 4	Silver Burdtt Ginn, 1995
A. 2 3	Optimath(Cycle 2)	Hachette, 1998
B. 4 5	Optimath(CM 2)	Hachette, 1998
C. 4 5	L'e Nouvel Objectif Calul	Hatier, 1998
A. 2	Denken Und Rechnen 2	Westermann, 1998
B. 2	Mathematik Grundschule 2	Cornelsen
C. 4	Mathematik 4 ( )	Mildenberger, 1997
A. 2	(2 )	, 1997
B. 4	(4 )	, 1998
C. 6	(6 )	, 1998
.		
A. 1	1	, 1999
B. 3	3	, 1999
C. 1	1	, 1999

- A. 1 Collection Time(Book N 2)  
Oxford Uni. Press, 1994
- B. 2 Collins Study & Revision Guide Mathematics(key stage 3)  
Collins Educational, 1998
- C. 2 Collins Study & Revision Guide Mathematics(key stage 4)  
Collins Educational, 1998
- 
- A. 1 Practical Mathematics  
Holt, Rinehart & Winston, 1998
- B. 2 Math(Thematics) Book 2  
McDougal Littell, 1998
- C. 1 2 Geometry(An Integrated Approach)  
McDougal Littell, 1998
- 
- A. 3 Maths 3<sup>e</sup> Nathan, 1998
- B. 3 Maths(Terminale S) Hachette, 1998
- C. 3 ( )Mathematiques(Terminales STT) Foucher, 1997
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- A. 1 Basis Mathematik 7 N Bayerischer-S-V, 1994
- B. 3 Kurs Mathematik 9 Diesterweg, 1992
- C. 4 Lambacher Schweizer 10 Klett, 1998
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- A. 1 1 , 1999
- B. 3 3 ( ), 1999
- C. 2 A ( ) ( ), 1999

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A. 1	(1- 1)	( ), 1999
B. 3	(3- 1)	( ), 1999
C. 6	(6- 1)	( ), 1999

A. 2	Our Sences at Work(Topic book)	Ginn, 1996
B. 3	Time (Topic book)	Ginn, 1997
C. 5	Earth and Weather(Topic book)	Ginn, 1997

A. 1	Basic Science Concept 1	Sadlier- Oxford, 1996
B. 4	Basic Science Concept 4	Zaner- Bloser Co; 1996
C. 4	Discover The Wonder	Scott Foresman, 1995

A. 2 3	Decouverte des Sciences(CP/CE)	Bordas, 1997
B. 4 5	Tournesol(Sciences Et Technology, CE 2)	Hatier, 1996
C. 4 5	Tournesol(Sciences Et Technology, CM 2)	Hatier, 1997

A. 2	Pustebblume(Das Sachbuch) 2	Schroedel, 1998
B. 3	Bausteine Sachunterricht 3	Diesterweg, 1997
C. 4	Dasneue Sach-und Machbuch 4	Cornelsen, 1998

A. 3		, 1997
B. 4	(4 )	, 1998

C. 6 (6 ) , 1998

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A. 1 1 , 1999

B. 2 . 2 , 1999

C. 2 , 1999

A. 1 Science Connections 1

Collins Educational, 1997

B. 1 2 Co-ordinated Science 1 (GCSE 1)

Collins Educational, 1998

C. 4 Biology(Collins GCSE Science)

Collins Educational, 1997

A. 3 4 Earth Science(The Challenge of Discovery)

D · C Heath and Co; 1991

B. 3 4 Life Science

D · C Heath and Co; 1991

C. 1 Science to GCSE

Oxford Uni. Press, 1998

A. 3 Physique Chime 3° Nathan, 1997

B. 3 Biologie 3° Nathan, 1998

C. 3 ( )Sciences Physiques(SMS) Terminale

Hachette, 1997

A. 1 2 Wegein Die Physik Und Chemie(7 8)

Nordrhein- Westtalen, 1998



B.	1 4	Umwelt Biologie 7 10	Klett, 1996
C.	3 4	Physik Für Gymnasien	Cornelsen, 1996

A.	1 2	1 ( ' ' )	, 1999
B.	1 2	2 ( ' ' )	, 1999
C.	2	(1A, )	, 1999

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				g/m <sup>2</sup>	
				g/m <sup>2</sup>	
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		(mm)	( )			KS (mm)	JIS(mm)	( )
A0		841 × 1189	27.8 × 39.2	B0		1000 × 1414	1030 × 1456	34.0 × 48.0
A1		594 × 841	19.6 × 27.8	B1		707 × 1000	728 × 1030	24.0 × 34.0
A2		420 × 594	13.9 × 19.6	B2		500 × 707	515 × 728	17.0 × 24.0
A3		297 × 420	9.8 × 13.9	B3		353 × 500	364 × 515	12.0 × 17.0
A4		210 × 297	6.9 × 9.8	B4	4 · 6	250 × 353	257 × 364	8.5 × 12.0
A5		148 × 210	4.9 × 6.9	B5	4 · 6	176 × 250	182 × 257	6.2 × 8.5
A6		105 × 148	3.5 × 4.9	B6	4 · 6	125 × 176	128 × 182	4.2 × 6.2
A7		74 × 105	2.4 × 3.5	B7		88 × 125	91 × 128	3.0 × 4.2
A8		52 × 74	1.7 × 2.5	B8		62 × 88	64 × 91	2.1 × 3.0
A9		37 × 52	1.2 × 1.7	B9		44 × 62	45 × 64	1.5 × 2.1
A10		26 × 37	0.86 × 1.2	B10		31 × 44	32 × 44	1.05 × 1.5
	18	105 × 148	3.4 × 4.9		4 · 6		94 × 128	3.1 × 4.2
	3 · 5	176 × 248	5.8 × 8.2		4 · 6		124 × 176	4.1 × 6.9
		84 × 148	2.5 × 4.9		3 · 6		103 × 182	3.4 × 6.0

1. B KS, JIS,

2. 18 ( ) 167 × 236(mm)

\* : , 「 1」, P.361, 1990.

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<u>Folio (2 9)</u>	cm( )	<u>Octovo(8vo. 8 9)</u>	cm( )
Imperial(Imp)	38 × 56	Imperial(Imp)	19 × 28
Royal(Roy.)	32 × 50	Royal(Roy.)	16 × 25
Medium(Med.)	29 × 45	Medium(Med.)	14.5 × 22.5
Demy(Dem.)	28 × 44	Demy(Dem.)	14 × 22
Post(Pos)	24 × 39	Post(Pos)	12 × 19.5
Crown(Cr.)	25 × 38	Crown(Cr.)	12.5 × 19
Foolscap(Fcp.)	22 × 34	Foolscap(Fcp.)	11 × 17
Pott(Pot)	19 × 32	Pott(Pot)	9.5 × 16
<u>Quarto(4to. 4 9)</u>			
Imperial(Imp)	28 × 38	12mo(Dudodecimo)	
Royal(Roy.)	25 × 32	(Twelvemo)	12 × 19
Medium(Med.)	22.5 × 29	16mo(Sextodecimo)	
Demy(Dem.)	22 × 28	(Sixteenmo)	10.5 × 17
Post(Pos)	19.5 × 24	24mo(Vigesimoquarto)	
Crown(Cr.)	19 × 25	(Twenty - fourmo)	9 × 15
Foolscap(Fcp.)	17 × 22	32mo(Trigesimosecundo)	
Pott(Pot)	16 × 19	(Thirty - twomo)	8 × 12.5
		48mo(Quadrigesimooctavo)	
		(Forty - eightmo)	6.5 × 10
		64mo(Sexagesimoquarto)	
		(Sixty - fourmo)	5 × 7.5

<u>Folio(in-2)</u>	cm ( )	<u>Folio(2 °)</u>	cm ( )
Grand jésus	38 × 56	Gross(Gr. 2 °)	31 × 48
(Gr. Jésus in-2)		2 °	27 × 44
Grand raisin	33 × 51	klein(kl. 2 °)	25 × 38
(Gr. raisin in-2)		<u>Quart(4 °)</u>	
Grand(Gr. in-2)	31 × 48	gross(gr. 2 °)	24 × 31
in-2	27 × 44	4 °	22 × 27
Petit(Petit in-2)	25 × 38	klenin(kl. 4 °)	19 × 25
<u>Quarto(in-4)</u>		<u>Octav(8 °)</u>	
Grand jésus		Lexikon(Lex. 8 °)	16.5 × 25
(Gr. jésus in-4)	28 × 38	gross(gr. 8 °)	15.5 × 24
Grand rainsin		8 °	13.5 × 22
(Gr. raisin in-4)	25.5 × 33	klein(kl. 8 °)	12.5 × 19
Grand(Gr. in-4)	24 × 31		
in-4	22 × 27		
Petit(Petit in-4)	19 × 25		
Octavo(in-8)			
Grand Jésus			
(Gr. jésus in-8)	19 × 28		
Grand raisin			
(Gr. raisin in-8)	16.5 × 25.5		
Grand(Gr. in-8)	15.5 × 24		
in-8	13.5 × 22		
Petit(Petit in-8)	12.5 × 19		

: 入木佐吉, The Bookman's Glossary, 1980

	(cm)
Thirtysixmo	$4 \times 3\frac{1}{3}$ (10.16 × 8.46)
Medium Thirtywomo	$4\frac{3}{4} \times 3$ (12.06 × 7.62)
Medium Twentyfourmo	$5\frac{1}{2} \times 3\frac{5}{8}$ (13.97 × 9.21)
Medium Eighteenmo	$6\frac{2}{3} \times 4$ (16.93 × 10.16)
Medium Sixteenmo	$6\frac{3}{4} \times 4\frac{1}{2}$ (17.14 × 11.43)
Cap Octavo	$7 \times 7\frac{1}{4}$ (17.78 × 18.41)
Duodecimo	$7\frac{1}{2} \times 4\frac{1}{2}$ (19.05 × 11.43)
Crown Octavo	$7\frac{1}{2} \times 5$ (19.05 × 12.70)
Post Octavo	$7\frac{1}{2} \times 5\frac{1}{2}$ (19.05 × 13.97)
Medium Duodecimo	$7\frac{2}{3} \times 5\frac{1}{8}$ (19.47 × 13.01)
Demy Octavo	$8 \times 5\frac{1}{2}$ (20.32 × 13.97)
Small Quarto (usually less)	$8\frac{1}{2} \times 7$ (21.59 × 17.78)
Board Quarto (varies up to 13 × 10)	$8\frac{1}{2} \times 7$ (21.59 × 17.78)
Medium Octavo	$9\frac{1}{2} \times 6$ (24.13 × 15.24)
Royal Octavo	$10 \times 6\frac{1}{2}$ (25.4 × 16.51)
Super Royal Octavo	$10\frac{1}{2} \times 7$ (26.67 × 17.78)
Imperial Quarto	11 × 15 (27.4 × 38.10)
Imperial Octavo	$11\frac{1}{2} \times 8\frac{1}{4}$ (28.67 × 20.95)

: Glaister, Glaister's Glossary of the book (1979)

3. (原紙)

	mm		m <sup>2</sup>	
	636×939	2.1×3.1	0.597	
4.6	788×1091	2.6×3.6	0.859	
A 1	625×880	2.06×2.9	0.550	(KSA 5201), (ISO 216), (JIS P-0138)
B 1	743×1050	2.45×3.46	0.780	KSA 5201, ISO 216
B 1	765×1085	2.52×3.58	0.830	JIS P-0138

\* : , 「 J, P.97, 1996.

4.

	4・6	4・6	4・6				(18 )	4・6	3・6
4・6	16	32	64	10	25	50	18	36	40
	—	—	—	8	16	32	—	—	—

B1 (4・6 ) A5 ( )

: 25 : 24 : 22 20

A1

\* : ,

5.

	(mm)
	148×210
	210×297
( )	167×236
4・6	187×257

: , 「 IJ, P.361, 1990

6.

		(mm)	
4 · 6	4 · 6	32 (128 × 188)	4.2 × 6.2
4 · 6	4 · 6	16 (188 × 254)	6.2 × 8.5
4 · 6	4 · 6	64 (94 × 127)	3.1 × 4.2
4 · 6	4 · 6	8 (254 × 376)	8.5 × 12.4
4 · 6 A	4 · 6	30 (124 × 210)	4.1 × 6.9
4 · 6 B	4 · 6	32 (124 × 176)	4.1 × 5.8
		16 (148 × 210)	4.9 × 6.9 (4 · 6 25 가 )
		16 (152 × 218)	(154 × 224 가 )
		8 (210 × 297)	6.9 × 9.8 (218 × 304 가 )
		32 (105 × 148)	3.4 × 4.9 (109 × 152 가 )
	4 · 6	18 (176 × 248)	5.8 × 8.2 ( )
3 · 5		40 (84 × 148)	2.8 × 4.9
3 · 6	4 · 6	40 (103 × 182)	3.4 × 6.0
A4	A	8 (210 × 297)	6.9 × 9.8
A5	A	16 (148 × 210)	4.9 × 6.9
A6	A	32 (105 × 148)	
B4	B	8 (257 × 364)	
B5	B	16 (182 × 257)	
B6	B	32 (128 × 182)	

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16 .

A .  
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			2	3					2	3		
4 · 6  (B5)	15 (10.5p)	40	19	12	4	50	15 (10.5p)	60	29	18	4	33
					2	42					2	28
					2 4	35					2 4	24
	13 (9)	47	22	14	4	55	13 (9)	70	34	22	4	36
					2	45					2	30
					2 4	38					2 4	25
	12 (8)	53	25	16	4	60	12 (8)	79	38	25	4	39
					2	48					2	32
					2 4	40					2 4	27
4 · 6  (B6)	15 (10.5p)	26.5	12.5	-	4	32	15 (10.5p)	40	19	12	4	22
					2	28					2	19
					2 4	24					2 4	16
	13 (9)	31	14	-	4	36	13 (9)	47	22	15	4	24
					2	30					2	20
					2 4	26					2 4	17
	12 (8)	34	16	-	4	39	12 (8)	51.5	24	16	4	26
					2	32					2	21
					2 4	27					2 4	18
(A5)	15 (10.5p)	30	14	-	4	39	15 (10.5p)	46	22	13	4	25
					2	32					2	21
					2 4	27					2 4	18
	13 (9)	35	16	-	4	42	13 (9)	53	25	16	4	28
					2	35					2	22
					2 4	29					2 4	19
	12 (8)	40	19	-	4	46	12 (8)	60	29	18	4	30
					2	37					2	24
					2 4	31					2 4	20
3 · 6	15 (10.5p)	22.5	10	-	4	29	15 (10.5p)	37	17.5	-	4	17
					2	24					2	15
					2 4	20					2 4	13
	13 (9)	25	12	-	4	31	13 (9)	41	19.5	-	4	19
					2	26					2	16
					2 4	22					2 4	14
	12 (8)	28	13	-	4	35	12 (8)	46	22	-	4	21
					2	26					2	17
					2 4	23					2 4	14
3 · 5	15 (10.5p)	22.5	10	-	4	27	15 (10.5p)	35	16.5	-	4	17
					2	22					2	15
					2 4	19					2 4	13
	13 (9)	25	12	-	4	29	13 (9)	38	18	-	4	19
					2	24					2	16
					2 4	21					2 4	14
	12 (8)	28	13	-	4	33	12 (8)	44	21	-	4	21
					2	24					2	17
					2 4	22					2 4	14

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$$\vdots$$

	180g/m <sup>2</sup>		120g/m <sup>2</sup>	( , )
			70g/m <sup>2</sup>	○ (workbook) ( , , , , . . ) ○
	240g/m <sup>2</sup>		( 80g/m <sup>2</sup> )	
.	220g/m <sup>2</sup>		120g/m <sup>2</sup>	, , , ( )
			70g/m <sup>2</sup>	○ ‘ ’ 「2 」 ○
			( ) 80g/m <sup>2</sup>	○ ‘ ’ 「4 」

- ( , , ) : 80g/m<sup>2</sup>  
 - : 90g/m<sup>2</sup>, - :  
 ○ ,  
 - : 80g/m<sup>2</sup>, - :

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(所 敬)

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18p, 3 4 : 16p, 5 6 : 14p, 1 : 12p, 2 3 : 10p . ,

1 2 : 9p, 3 6 : 8p, 1 3 : 8p .

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\* : , 「 」, , PP.224 226, 1995

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