

# 1 Tengwar Formal Unicode: Graphite and AAT options

Here are samples of the different options. The options are specified by adding something to the font name in the `\font` command. The extended font names are all given in this document. A font specification will look like this:

```
\font\bla="font (/GR):feature=value (;feature=value) "
```

In this specification, the part `bla` is a string of your choice. On Mac OS X, the part `/GR` is optional. It tells Xe<sub>La</sub>TeX to use the Graphite information. If you leave it away, it will use the AAT information, which only works on Mac OS X. Note that you can define as many features as you like:

```
\font\myformal="Tengwar Formal Unicode/GR:204=1;207=2"
at 15pt
```

After this `\font` command has been defined, you can use `\myformal` as a command, for instance as follows:

```
\myformal ᐅᐅᐅᐅ ᐅᐅᐅᐅᐅ \normalfont
```

This will look like this: ᐅᐅᐅᐅ ᐅᐅᐅᐅᐅ

## 1.1 Descending W-tengwa

### 1.1.1 Default

```
"Tengwar Formal Unicode/GR"
ᐅᐅᐅᐅ ᐅᐅᐅᐅᐅ
"Tengwar Formal Unicode"
ᐅᐅᐅᐅ ᐅᐅᐅᐅᐅ
```

### 1.1.2 Descending W-tengwa

```
"Tengwar Formal Unicode/GR:204=1"
ᐅᐅᐅᐅ ᐅᐅᐅᐅᐅ
"Tengwar Formal Unicode:Character Alternatives=Descending
W-tengwa;"
ᐅᐅᐅᐅ ᐅᐅᐅᐅᐅ
```

## 1.2 Short carrier insertion

### 1.2.1 Default

"Tengwar Formal Unicode/GR"

᠋	᠋	᠋	᠋	᠋	᠋	᠋	᠋	᠋
᠋	᠋	᠋	᠋	᠋	᠋	᠋	᠋	᠋
᠋	᠋	᠋	᠋	᠋	᠋	᠋	᠋	᠋
᠋	᠋	᠋	᠋	᠋	᠋	᠋	᠋	᠋
᠋	᠋	᠋	᠋	᠋	᠋	᠋	᠋	᠋
᠋	᠋	᠋	᠋	᠋	᠋	᠋	᠋	᠋
᠋	᠋	᠋	᠋	᠋	᠋	᠋	᠋	᠋
᠋	᠋	᠋	᠋	᠋	᠋	᠋	᠋	᠋
᠋	᠋	᠋	᠋	᠋	᠋	᠋	᠋	᠋

"Tengwar Formal Unicode"

᠋	᠋	᠋	᠋	᠋	᠋	᠋	᠋	᠋
᠋	᠋	᠋	᠋	᠋	᠋	᠋	᠋	᠋
᠋	᠋	᠋	᠋	᠋	᠋	᠋	᠋	᠋
᠋	᠋	᠋	᠋	᠋	᠋	᠋	᠋	᠋
᠋	᠋	᠋	᠋	᠋	᠋	᠋	᠋	᠋
᠋	᠋	᠋	᠋	᠋	᠋	᠋	᠋	᠋
᠋	᠋	᠋	᠋	᠋	᠋	᠋	᠋	᠋
᠋	᠋	᠋	᠋	᠋	᠋	᠋	᠋	᠋
᠋	᠋	᠋	᠋	᠋	᠋	᠋	᠋	᠋

### 1.2.2 Automatic insertion

"Tengwar Formal Unicode/GR:212=1"

᠋	᠋	᠋	᠋	᠋	᠋	᠋	᠋	᠋
᠋	᠋	᠋	᠋	᠋	᠋	᠋	᠋	᠋
᠋	᠋	᠋	᠋	᠋	᠋	᠋	᠋	᠋
᠋	᠋	᠋	᠋	᠋	᠋	᠋	᠋	᠋
᠋	᠋	᠋	᠋	᠋	᠋	᠋	᠋	᠋
᠋	᠋	᠋	᠋	᠋	᠋	᠋	᠋	᠋
᠋	᠋	᠋	᠋	᠋	᠋	᠋	᠋	᠋
᠋	᠋	᠋	᠋	᠋	᠋	᠋	᠋	᠋
᠋	᠋	᠋	᠋	᠋	᠋	᠋	᠋	᠋

"Tengwar Formal Unicode:Short carrier insertion=Automatic insertion;"

ā	ā̇	ā̄	ā̅	ā̆	ā̇	ā̈	ā̉	ā̊
ā̇	ā̈	ā̉	ā̊	ā̋	ā̌	ā̍	ā̎	ā̏
ā̄	ā̅	ā̆	ā̇	ā̈	ā̉	ā̊	ā̋	ā̌
ā̅	ā̆	ā̇	ā̈	ā̉	ā̊	ā̋	ā̌	ā̍
ā̆	ā̇	ā̈	ā̉	ā̊	ā̋	ā̌	ā̍	ā̎
ā̇	ā̈	ā̉	ā̊	ā̋	ā̌	ā̍	ā̎	ā̏
ā̈	ā̉	ā̊	ā̋	ā̌	ā̍	ā̎	ā̏	ā̐
ā̉	ā̊	ā̋	ā̌	ā̍	ā̎	ā̏	ā̐	ā̑
ā̊	ā̋	ā̌	ā̍	ā̎	ā̏	ā̐	ā̑	ā̒

### 1.3 Marked Osse

#### 1.3.1 Default: Never

"Tengwar Formal Unicode/GR"  
 cTc  
 "Tengwar Formal Unicode"  
 cTc

#### 1.3.2 Word final

"Tengwar Formal Unicode/GR:207=1"  
 cTc  
 "Tengwar Formal Unicode:Marked Osse=Word final"  
 cTc

#### 1.3.3 Always

"Tengwar Formal Unicode/GR:207=2"  
 cTc  
 "Tengwar Formal Unicode:Marked Osse=Always"  
 cTc

### 1.4 Bar style

#### 1.4.1 Default: Straight

"Tengwar Formal Unicode/GR"  
 p̄p̄c̄p̄p̄  
 "Tengwar Formal Unicode"  
 p̄p̄c̄p̄p̄

### 1.4.2 Tilde

"Tengwar Formal Unicode/GR:209=1"

ပုညဇိဉ်

"Tengwar Formal Unicode:Bar style=Tilde"

ပုညဇိဉ္စ

## 1.5 A-tehta style

### 1.5.1 Default: Dots

"Tengwar Formal Unicode/GR"

ṛṛ

"Tengwar Formal Unicode"

ṛṛ

### 1.5.2 Circumflex

"Tengwar Formal Unicode/GR:210=1"

 $\hat{p}\hat{p}$ 

"Tengwar Formal Unicode:A-tehta style=Circumflex"

řř

## 1.6 Sa-rince style

### 1.6.1 Default: Hook

"Tengwar Formal Unicode/GR"

[illegible]

"Tengwar Formal Unicode"

ԲԿԸԿԵՆԱՆՆԱՆ:

### 1.6.2 Swash

"Tengwar Formal Unicode/GR:211=1"

*የጋራ ልማት*

"Tengwar Formal Unicode:Sa-rince style=Swash"

የኃይል ምንጭ ማግኘት

## 2 Sample Text

## 2.1 Graphite

[illegible]

## 2.2 AAT

[illegible]

[illegible]

𐤀	𐤁	𐤂	𐤃	𐤄	𐤅	𐤆	𐤇	𐤈	𐤉	𐤊	𐤋	𐤌	𐤍	𐤎	𐤏	𐤐	𐤑	𐤒	𐤓	𐤔	𐤕	𐤖	𐤗	𐤘	𐤙	𐤚	𐤛	𐤜	𐤝	𐤞	𐤟	𐤠	𐤡	𐤢	𐤣	𐤤	𐤥	𐤦	𐤧	𐤨	𐤩	𐤪	𐤫	𐤬	𐤭	𐤮	𐤯	𐤰	𐤱	𐤲	𐤳	𐤴	𐤵	𐤶	𐤷	𐤸	𐤹	𐤺	𐤻	𐤼	𐤽	𐤾	𐤿	𐥀	𐥁	𐥂	𐥃	𐥄	𐥅	𐥆	𐥇	𐥈	𐥉	𐥊	𐥋	𐥌	𐥍	𐥎	𐥏	𐥐	𐥑	𐥒	𐥓	𐥔	𐥕	𐥖	𐥗	𐥘	𐥙	𐥚	𐥛	𐥜	𐥝	𐥞	𐥟	𐥠	𐥡	𐥢	𐥣	𐥤	𐥥	𐥦	𐥧	𐥨	𐥩	𐥪	𐥫	𐥬	𐥭	𐥮	𐥯	𐥰	𐥱	𐥲	𐥳	𐥴	𐥵	𐥶	𐥷	𐥸	𐥹	𐥺	𐥻	𐥼	𐥽	𐥾	𐥿	𐦀	𐦁	𐦂	𐦃	𐦄	𐦅	𐦆	𐦇	𐦈	𐦉	𐦊	𐦋	𐦌	𐦍	𐦎	𐦏	𐦐	𐦑	𐦒	𐦓	𐦔	𐦕	𐦖	𐦗	𐦘	𐦙	𐦚	𐦛	𐦜	𐦝	𐦞	𐦟	𐦠	𐦡	𐦢	𐦣	𐦤	𐦥	𐦦	𐦧	𐦨	𐦩	𐦪	𐦫	𐦬	𐦭	𐦮	𐦯	𐦰	𐦱	𐦲	𐦳	𐦴	𐦵	𐦶	𐦷	𐦸	𐦹	𐦺	𐦻	𐦼	𐦽	𐦾	𐦿	𐧀	𐧁	𐧂	𐧃	𐧄	𐧅	𐧆	𐧇	𐧈	𐧉	𐧊	𐧋	𐧌	𐧍	𐧎	𐧏	𐧐	𐧑	𐧒	𐧓	𐧔	𐧕	𐧖	𐧗	𐧘	𐧙	𐧚	𐧛	𐧜	𐧝	𐧞	𐧟	𐧠	𐧡	𐧢	𐧣	𐧤	𐧥	𐧦	𐧧	𐧨	𐧩	𐧪	𐧫	𐧬	𐧭	𐧮	𐧯	𐧰	𐧱	𐧲	𐧳	𐧴	𐧵	𐧶	𐧷	𐧸	𐧹	𐧺	𐧻	𐧼	𐧽	𐧾	𐧿	𐨀	𐨁	𐨂	𐨃	𐨄	𐨅	𐨆	𐨇	𐨈	𐨉	𐨊	𐨋	𐨌	𐨍	𐨎	𐨏	𐨐	𐨑	𐨒	𐨓	𐨔	𐨕	𐨖	𐨗	𐨘	𐨙	𐨚	𐨛	𐨜	𐨝	𐨞	𐨟	𐨠	𐨡	𐨢	𐨣	𐨤	𐨥	𐨦	𐨧	𐨨	𐨩	𐨪	𐨫	𐨬	𐨭	𐨮	𐨯	𐨰	𐨱	𐨲	𐨳	𐨴	𐨵	𐨶	𐨷	𐨸	𐨹	𐨺	𐨻	𐨼	𐨽	𐨾	𐨿	𐩀	𐩁	𐩂	𐩃	𐩄	𐩅	𐩆	𐩇	𐩈	𐩉	𐩊	𐩋	𐩌	𐩍	𐩎	𐩏	𐩐	𐩑	𐩒	𐩓	𐩔	𐩕	𐩖	𐩗	𐩘	𐩙	𐩚	𐩛	𐩜	𐩝	𐩞	𐩟	𐩠	𐩡	𐩢	𐩣	𐩤	𐩥	𐩦	𐩧	𐩨	𐩩	𐩪	𐩫	𐩬	𐩭	𐩮	𐩯	𐩰	𐩱	𐩲	𐩳	𐩴	𐩵	𐩶	𐩷	𐩸	𐩹	𐩺	𐩻	𐩼	𐩽	𐩾	𐩿	𐪀	𐪁	𐪂	𐪃	𐪄	𐪅	𐪆	𐪇	𐪈	𐪉	𐪊	𐪋	𐪌	𐪍	𐪎	𐪏	𐪐	𐪑	𐪒	𐪓	𐪔	𐪕	𐪖	𐪗	𐪘	𐪙	𐪚	𐪛	𐪜	𐪝	𐪞	𐪟	𐪠	𐪡	𐪢	𐪣	𐪤	𐪥	𐪦	𐪧	𐪨	𐪩	𐪪	𐪫	𐪬	𐪭	𐪮	𐪯	𐪰	𐪱	𐪲	𐪳	𐪴	𐪵	𐪶	𐪷	𐪸	𐪹	𐪺	𐪻	𐪼	𐪽	𐪾	𐪿	𐫀	𐫁	𐫂	𐫃	𐫄	𐫅	𐫆
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[illegible]



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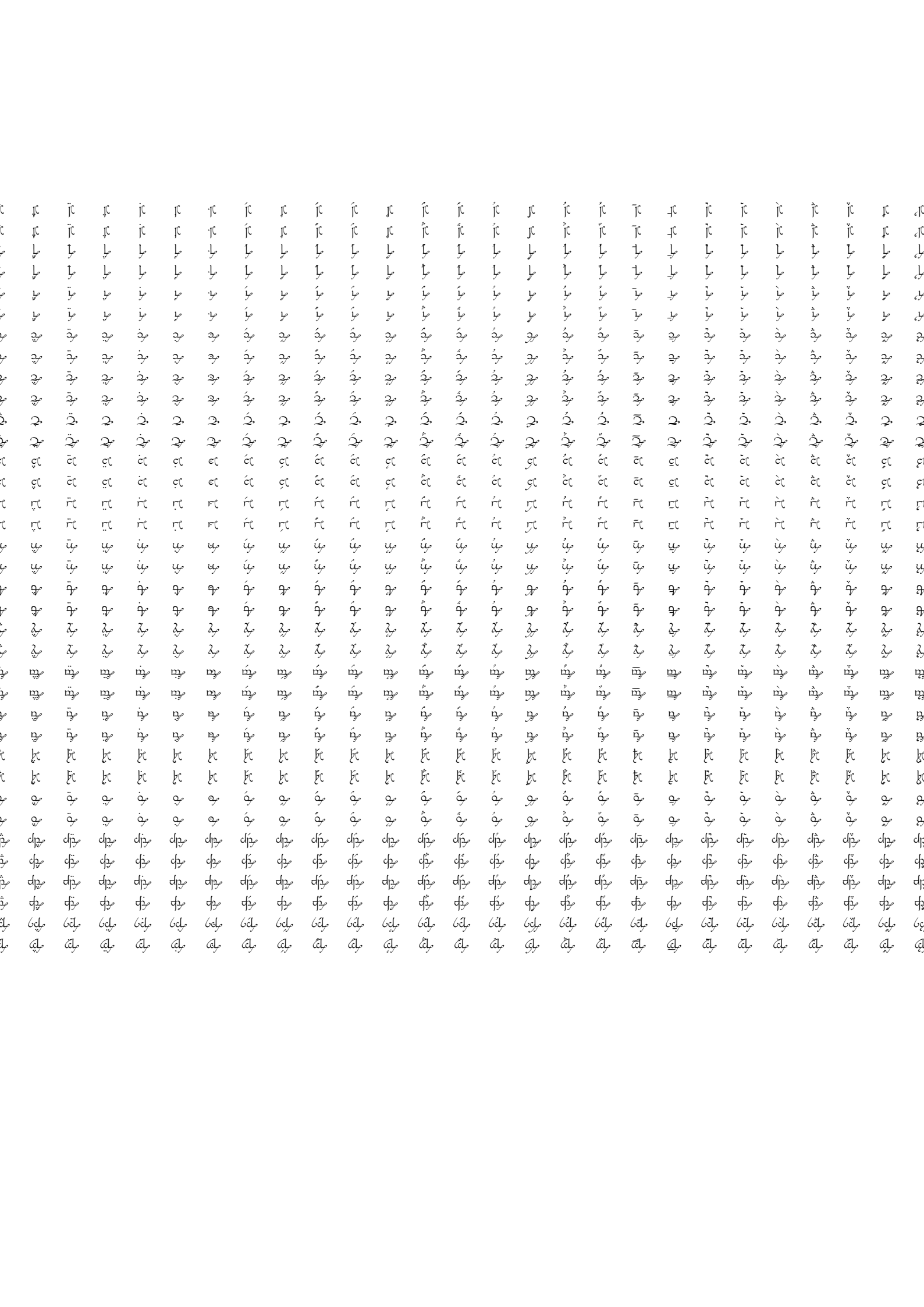
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٢٠٠٠	٢٠٠١	٢٠٠٢	٢٠٠٣	٢٠٠٤	٢٠٠٥	٢٠٠٦	٢٠٠٧	٢٠٠٨	٢٠٠٩	٢٠١٠	٢٠١١	٢٠١٢	٢٠١٣	٢٠١٤	٢٠١٥	٢٠١٦	٢٠١٧	٢٠١٨	٢٠١٩	٢٠٢٠	٢٠٢١	٢٠٢٢	٢٠٢٣	٢٠٢٤	٢٠٢٥	٢٠٢٦	٢٠٢٧	٢٠٢٨	٢٠٢٩	٢٠٣٠	٢٠٣١	٢٠٣٢	٢٠٣٣	٢٠٣٤	٢٠٣٥	٢٠٣٦	٢٠٣٧	٢٠٣٨	٢٠٣٩	٢٠٤٠	٢٠٤١	٢٠٤٢	٢٠٤٣	٢٠٤٤	٢٠٤٥	٢٠٤٦	٢٠٤٧	٢٠٤٨	٢٠٤٩	٢٠٥٠	٢٠٥١	٢٠٥٢	٢٠٥٣	٢٠٥٤	٢٠٥٥	٢٠٥٦	٢٠٥٧	٢٠٥٨	٢٠٥٩	٢٠٦٠	٢٠٦١	٢٠٦٢	٢٠٦٣	٢٠٦٤	٢٠٦٥	٢٠٦٦	٢٠٦٧	٢٠٦٨	٢٠٦٩	٢٠٧٠	٢٠٧١	٢٠٧٢	٢٠٧٣	٢٠٧٤	٢٠٧٥	٢٠٧٦	٢٠٧٧	٢٠٧٨	٢٠٧٩	٢٠٨٠	٢٠٨١	٢٠٨٢	٢٠٨٣	٢٠٨٤	٢٠٨٥	٢٠٨٦	٢٠٨٧	٢٠٨٨	٢٠٨٩	٢٠٩٠	٢٠٩١	٢٠٩٢	٢٠٩٣	٢٠٩٤	٢٠٩٥	٢٠٩٦	٢٠٩٧	٢٠٩٨	٢٠٩٩	٢١٠٠	٢١٠١	٢١٠٢	٢١٠٣	٢١٠٤	٢١٠٥	٢١٠٦	٢١٠٧	٢١٠٨	٢١٠٩	٢١١٠	٢١١١	٢١١٢	٢١١٣	٢١١٤	٢١١٥	٢١١٦	٢١١٧	٢١١٨	٢١١٩	٢١٢٠	٢١٢١	٢١٢٢	٢١٢٣	٢١٢٤	٢١٢٥	٢١٢٦	٢١٢٧	٢١٢٨	٢١٢٩	٢١٣٠	٢١٣١	٢١٣٢	٢١٣٣	٢١٣٤	٢١٣٥	٢١٣٦	٢١٣٧	٢١٣٨	٢١٣٩	٢١٤٠	٢١٤١	٢١٤٢	٢١٤٣	٢١٤٤	٢١٤٥	٢١٤٦	٢١٤٧	٢١٤٨	٢١٤٩	٢١٥٠	٢١٥١	٢١٥٢	٢١٥٣	٢١٥٤	٢١٥٥	٢١٥٦	٢١٥٧	٢١٥٨	٢١٥٩	٢١٦٠	٢١٦١	٢١٦٢	٢١٦٣	٢١٦٤	٢١٦٥	٢١٦٦	٢١٦٧	٢١٦٨	٢١٦٩	٢١٧٠	٢١٧١	٢١٧٢	٢١٧٣	٢١٧٤	٢١٧٥	٢١٧٦	٢١٧٧	٢١٧٨	٢١٧٩	٢١٨٠	٢١٨١	٢١٨٢	٢١٨٣	٢١٨٤	٢١٨٥	٢١٨٦	٢١٨٧	٢١٨٨	٢١٨٩	٢١٩٠	٢١٩١	٢١٩٢	٢١٩٣	٢١٩٤	٢١٩٥	٢١٩٦	٢١٩٧	٢١٩٨	٢١٩٩	٢٢٠٠	٢٢٠١	٢٢٠٢	٢٢٠٣	٢٢٠٤	٢٢٠٥	٢٢٠٦	٢٢٠٧	٢٢٠٨	٢٢٠٩	٢٢١٠	٢٢١١	٢٢١٢	٢٢١٣	٢٢١٤	٢٢١٥	٢٢١٦	٢٢١٧	٢٢١٨	٢٢١٩	٢٢٢٠	٢٢٢١	٢٢٢٢	٢٢٢٣	٢٢٢٤	٢٢٢٥	٢٢٢٦	٢٢٢٧	٢٢٢٨	٢٢٢٩	٢٢٣٠	٢٢٣١	٢٢٣٢	٢٢٣٣	٢٢٣٤	٢٢٣٥	٢٢٣٦	٢٢٣٧	٢٢٣٨	٢٢٣٩	٢٢٤٠	٢٢٤١	٢٢٤٢	٢٢٤٣	٢٢٤٤	٢٢٤٥	٢٢٤٦	٢٢٤٧	٢٢٤٨	٢٢٤٩	٢٢٥٠	٢٢٥١	٢٢٥٢	٢٢٥٣	٢٢٥٤	٢٢٥٥	٢٢٥٦	٢٢٥٧	٢٢٥٨	٢٢٥٩	٢٢٦٠	٢٢٦١	٢٢٦٢	٢٢٦٣	٢٢٦٤	٢٢٦٥	٢٢٦٦	٢٢٦٧	٢٢٦٨	٢٢٦٩	٢٢٧٠	٢٢٧١	٢٢٧٢	٢٢٧٣	٢٢٧٤	٢٢٧٥	٢٢٧٦	٢٢٧٧	٢٢٧٨	٢٢٧٩	٢٢٨٠	٢٢٨١	٢٢٨٢	٢٢٨٣	٢٢٨٤	٢٢٨٥	٢٢٨٦	٢٢٨٧	٢٢٨٨	٢٢٨٩	٢٢٩٠	٢٢٩١	٢٢٩٢	٢٢٩٣	٢٢٩٤	٢٢٩٥	٢٢٩٦	٢٢٩٧	٢٢٩٨	٢٢٩٩	٢٣٠٠	٢٣٠١	٢٣٠٢	٢٣٠٣	٢٣٠٤	٢٣٠٥	٢٣٠٦	٢٣٠٧	٢٣٠٨	٢٣٠٩	٢٣١٠	٢٣١١	٢٣١٢	٢٣١٣	٢٣١٤
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