

# A Relatively Small Turing Machine Whose Behavior Is Independent of Set Theory

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March 8, 2016

## Abstract

Since the definition of the Busy Beaver function by Radó in 1962, an interesting open question has been what the smallest value of  $n$  for which  $BB(n)$  is independent of ZFC. Is this  $n$  approximately 10, or closer to 1,000,000, or is it unfathomably large? In this paper, we show that it is at most 8,310 by presenting an explicit description of a 8,310-state Turing machine  $Z$  with 1 tape and a 2-symbol alphabet whose behavior cannot be proved in ZFC, assuming ZFC is consistent. The machine is based on work of Harvey Friedman on independent statements involving order-invariant graphs. [?] In doing so, we give the first known upper bound on the highest provable Busy Beaver number in ZFC. We also present an explicit description of a 5,183-state Turing machine  $G$  that halts if and only if there's a counterexample to Goldbach's conjecture, and an explicit description of a 5,185-state Turing machine  $R$  that halts if and only if the Riemann hypothesis is false. In the process of creating  $G$ ,  $R$ , and  $Z$ , we make use of a higher-level language, Laconic, which is much more convenient than direct state manipulation.

## 1 Introduction

This paper is devoted to demonstrating the extreme difficulty of finding the values of the Busy Beaver function beyond a certain point. We cannot ever prove an upper bound on  $BB(x)$  for any  $x > 5,183$  or  $x > 5,185$  without simultaneously providing a proof (or disproof) of the Goldbach or Riemann hypotheses, respectively. And we cannot ever prove an upper bound on  $BB(x)$  for any  $x > 8,310$  without assuming axioms more powerful than the axioms of ZFC, assuming ZFC is consistent.

We demonstrate these results by presenting explicit descriptions of Turing Machines,  $G$ ,  $R$ , and  $Z$  whose *behavior* (whether or not they halt) implies the truth or falsehood of the Goldbach and Riemann hypotheses and the consistency of ZFC, respectively. If one knew a proof that  $BB(8,310) < u_G$  for some  $u_G$ , one could find out if  $G$  halts or loops by running  $G$  for  $u_G$  steps and seeing if it had halted by then; if it had not, we would be certain that  $G$  will never halt. Thus, an execution history of  $G$  for  $u_G$  steps would constitute a proof of the truth or falsehood of Goldbach's conjecture. The same logic holds for  $R$ ,  $BB(5,185)$ , and the Riemann hypothesis.

Moreover, if one knew a proof that  $BB(8,310) < u_Z$ , one could find out if  $Z$  halts or loops by running  $Z$  for  $u_Z$  steps and seeing if it had halted by then; if it had not, we would

be certain that  $Z$  will never halt. Thus, an execution history of  $Z$  for  $u_Z$  steps would constitute a proof in ZFC (since ZFC can encode arithmetic, and therefore Turing Machine execution histories) of the consistency or inconsistency of ZFC. By Gödel's second incompleteness theorem, such a proof cannot exist if ZFC is consistent. Thus, no proof in ZFC exists of an upper bound on the value of  $BB(8,310)$ , assuming ZFC is consistent.

## 2 Laconic

The Laconic language is a programming language designed to be both user-friendly and easy to compile down to parsimonious Turing Machine descriptions. Laconic is so named because it's useful for demonstrating the simplicity of an algorithm by writing the shortest program possible that implements the algorithm. A short program will, in turn, compile to a Turing Machine with few states.

Laconic can also be interpreted. This will cause the Laconic program to be run line-by-line. Interpreting a Laconic program before compiling it down to a Turing Machine is highly recommended in order to verify the program's correctness.

Laconic is a strongly-typed language. It supports recursive functions.

When Laconic is compiled, it is transformed into a TMD program, which is spread across many files (with one file per defined function). The TMD program is meant to represent a sequence of commands that could be given to a multi-tape, 3-symbol Turing Machine, using the Turing Machine abstraction that allows the machine to read and write from one head at a time.

For an example of a Laconic program, see Appendix A. For a visual illustration of the compilation process, see Figure 1

## 3 TMD

The TMD language is a programming language designed to help the user describe the behavior of a multi-tape, 3-symbol Turing Machine with a function stack. It allows the user to use three symbols:  $\_$ , 1, and E. The empty symbol is  $\_$ : that is,  $\_$  is the only symbol that can appear on the tape an infinite number of times. The tape must always have the form  $\_^\infty(1|E)^*\_^\infty$ ; in other words, each tape must always contain an infinite number of copies of the  $\_$  symbol, followed by a string of 1's and E's, followed by another infinite copies of the  $\_$  symbol.

What is the purpose of having a language like TMD as an intermediary between Laconic and a description of a single-tape machine? The concept of tapes in a multi-tape Turing Machine and the concept of variables in standard imperative programming languages map to one another very nicely. The idea of the Laconic-to-TMD compiler is to encode the value of each variable on each tape. Then, each Laconic command which manipulates the value of one or more variables compiles

## Laconic

```
/* set up [x_1 U ... U x_i] */
while (h1) {

    index(freeSet, c1, h1);
    incr(c1);

    if (h1) {
        incr(oneCounter);

        index2(graph, c1, h1);
        vertexUnion(union, h1, h1, h2, h3, h4, h2);

        union = h2;
    }

    h1 = (oneCounter < i);
}
```

## TMD

```
WHILE_TEST_3: function BUILTIN_assign !0 h1
[!0] E (WHILE_STATE_3_FALSE); 1 ()
function index freeSet c1 h1 !0 !1 !2
function incr c1 !0 !1 !2
function BUILTIN_assign !0 h1
[!0] E (IF_STATE_3_FALSE); 1 ()
function incr oneCounter !0 !1 !2
function index2_graph c1 h1 !0 !1 !2
function vertexUnion union h1 h1 h2 h3 h4 h2 !0 !1 !2
function BUILTIN_assign !0 h2
function BUILTIN_assign union !0
IF_STATE_3_FALSE: function BUILTIN_assign !0 oneCounter
function BUILTIN_assign !1 i
function BUILTIN_greaterThan !2 !1 !0
function BUILTIN_assign h1 !2
[!0] E (WHILE_TEST_3); 1 (WHILE_TEST_3)
```

...EE\_II\_HEIIEEI\_I EI\_IEE\_HIIEI\_IEE\_EEIE\_III\_\_HEIIIEEI...

Setup states

+

Data states

+

Interpretation  
states

Figure 1: This figure gives a visual overview of the compilation process.)

down to a TMD function call which manipulates the tapes that correspond to those variables appropriately.

As an example, consider the following Laconic command:

```
a=b*c;
```

This Laconic command assigns the value of `a` to the value of `b*c`. It compiles down to the following TMD function call:

```
function BUILTIN_multiply a b c
```

This function call will result in `BUILTIN_add` being run on the three tapes `a`, `b`, and `c`. This will cause the symbols on tape `a` to take on a representation of an integer whose value is equal to  $bc$ .

In turn, the TMD code compiles directly to a string of bits that are written onto the tape at the start of the Turing Machine's execution.

A TMD directory consists of three types of files:

1. The `functions` file. This file contains a list of the names of all the functions used by the TMD program. The top function in the file is pushed onto the stack at initialization. Moreover, when this top function returns, the Turing machine halts.
2. The `initvar` file. This file contains the non-`_` symbols that start in each register at initialization.
3. Any files used to describe TMD functions. These files will all end in a `.tfn` extension and will only have any relevance to the compiled program if they show up in the `functions` file.

## 4 Compilation and Interpretation

A directory of TMD functions is converted at compilation time to a string of bits to be written onto the tape. The tape symbols can think of as being of one The resulting Turing Machine has three main components:

1. The *initializer* sets up the basic structure of the variable registers and the function stack.
2. The *programmer* writes down the binary string that corresponds to the compiled TMD code.
3. The *interpreter* interprets the compiled binary, modifying the variable registers and the function stack as necessary.

The Turing machine's control flow proceeds from the initializer to the the programmer to the interpreter. In other words, initializer states point only to initializer states or to programmer states, programmer states point only to programmer states or to interpreter states, and interpreter states point only to interpreter states or the HALT state.

When discussing the layout of the tape symbols and patterns, there are two ways to think about it: one is with a 4-symbol alphabet (`{_, 1, H, E}`, empty symbol `_`), and one is with a 2-symbol alphabet

( $\{a,b\}$ , empty symbol  $a$ ). Naturally, the 2-symbol alphabet version is the one that is ultimately used for the results in this paper, since we advertised a Turing machine that made use of only two symbols. However, in nearly all parts of the Turing machine, the 2-symbol version of the machine is a direct translation of the 4-symbol version, according to the following mapping:

- $\_ \leftrightarrow aa$
- $1 \leftrightarrow ab$
- $H \leftrightarrow ba$
- $E \leftrightarrow bb$

## 4.1 The Initializer

The initializer creates each register, with demarkation patterns in between registers. Each register begins with the pattern of non- $\_$  symbols laid out in the `initvar` file. It also initializes the function stack, which starts out with only a single function call to the top function in the `functions` file.

Figure 2 is a detailed diagram describing the tape’s state when the initializer passes control to the programmer.

## 4.2 The Programmer

# 5 $Z$

We present a 8,310-state Turing Machine that is *independent of ZFC*; it would not be possible to prove that this machine would halt or wouldn’t halt using the axioms of ZFC, assuming that ZFC is consistent. It is therefore impossible to prove the value of  $BB(8,310)$  to be any given value without assuming axioms more powerful than ZFC, assuming that ZFC is consistent.

We call this machine  $Z$ . One way to build this machine would be to start with the axioms of ZFC and apply the inference rules of first-order logic of ZFC repeatedly in each possible way so as to enumerate every statement ZFC could prove, and to halt if ever a contradiction was found. Such a machine’s *behavior* (whether or not it ultimately halts) would necessarily be independent of ZFC, because to a proof of the machine’s behavior would necessarily imply a proof about the consistency or inconsistency of ZFC. While the idea for this method is simple, to actually construct such a machine would be very involved, because it would require creating a language in which to encode the axioms of ZFC that could be stored on a Turing machine tape.

## 5.1 Friedman’s Mathematical Statement

Thankfully, a simpler method exists for creating  $Z$ . Friedman [?] was able to derive a graph-theoretical statement whose truth cannot be proved in ZFC if ZFC is consistent, and which is false



if ZFC is not consistent. These two properties are what we ultimately need to prove an upper bound on the highest provable Busy Beaver value in ZFC, and they are true of Friedman's statement, which follows:

**Statement 1.** *For all  $k, n, r \geq 0$ , every order invariant graph on  $[Q]^{\leq k}$  has a free  $\{x_1, \dots, x_r, \text{ush}(x_1), \dots, \text{ush}(x_r)\}$  of complexity  $\leq (8knr)!$ , each  $\{x_1, \dots, x_{(8kni)!}\}$  reducing  $[x_1 \cup \dots \cup x_i \cup \{0, \dots, n\}]^{\leq k}$ . [?]*

A number of *complexity* at most  $c$  refers to a number that can be written as a fraction  $a/b$ , where  $a$  and  $b$  are both integers less than or equal to  $c$ . A set has complexity at most  $c$  if all the numbers it contains have complexity at most  $c$ .

An *order invariant graph* is a graph containing a countably infinite number of nodes. In particular, it has one node for each finite set of rational numbers. The only numbers relevant to the statement are numbers of complexity  $(8knr)!$  or smaller. In every description of nodes that follows, the term *node* refers both to the object in the order invariant graph and to the set of numbers that it represents.

Also, in an order invariant graph, two nodes  $(a, b)$  have an edge between them if and only if each other pair of nodes  $(c, d)$  that is *order equivalent* with  $(a, b)$  have an edge between them. Two pairs of nodes  $(a, b)$  and  $(c, d)$  are *order equivalent* if  $a$  and  $c$  are the same size and  $b$  and  $d$  are the same size and if for all  $1 \leq i \leq |a|$  and  $1 \leq j \leq |b|$ , the  $i$ -th element of  $a$  is less than the  $j$ -th element of  $b$  if and only if the  $i$ -th element of  $c$  is less than the  $j$ -th element of  $d$ .

To give some trivial examples of order invariant graphs: the graph with no edges is order invariant, as is the complete graph. A less trivial example is a graph on  $[Q]^2$ , in which each node corresponds to a set of two real numbers, and there is an edge between two nodes if and only if their corresponding sets  $a$  and  $b$  satisfy  $a_1 < b_1 < a_2 < b_2$ . (Because edges are undirected in order invariant graphs, such an edge will exist if *either* assignment of the vertices to  $a$  and  $b$  satisfies the inequality above).

The *ush()* function takes as input a set and returns a copy of that set with all non-negative numbers in that set incremented by 1.

Finally, a set of vertices  $X$  *reduces* a set of vertices  $Y$  if and only if for all  $y \in Y$ , there exists  $x \in X$  such that  $x \leq_{rlex} y$  and an edge exists between  $x$  and  $y$ .  $x \leq_{rlex} y$  if and only if  $x = y$  or  $x_i < y_i$  where  $i$  is least such that  $x_i \neq y_i$ . [?]

## 5.2 Implementation Methods

In order to create  $Z$ , we needed to design a Turing Machine that would halt if Statement 1 was false, and would loop if Statement 1 was true. Such a Turing Machine's behavior would necessarily be

independent of ZFC, because the truth or falsehood of Statement 1 is itself independent of ZFC. [?]

To design such a Turing machine, we wrote a Laconic program which encoded Friedman's statements, then compiled the program down to a description of a single-tape, 2-symbol Turing machine. What follows is an extremely brief description of the design of the Laconic program; for the documented Laconic code itself, along with a very detailed explanation of the full compilation process, please see [?].

Our Laconic program begins by looping over all non-negative values for  $k$ ,  $n$ , and  $r$ . For each trio of values  $(k, n, r)$ , our program generates a list  $N$  of all numbers of complexity at most  $(8knr)!$ . These numbers represent the vertices in our putative order invariant graph. Because Laconic does not support floating-point numbers, the list is entirely composed of integers; it is a list of all numbers that can be written in the form  $((8knr)!)((8kni)!)/((8knj)!)$ , where  $i$  and  $j$  are integers satisfying  $-(8knr)! \leq i \leq (8knr)!$  and  $1 \leq j \leq (8knr)!$ . (Note that any number that can be expressed in this form is necessarily an integer, because of the large scaling factor in front).

After we generate  $N$ , we generate the nodes in a potential order invariant graph by adding to  $N$  all possible lists of  $k$  or fewer numbers from  $N$ . We call this list of lists  $V$ .

We iterate over all binary lists of length  $|V|^2$ . Any such list  $E$  represents a possible set of edges in the graph. To be more precise, we say that an edge exists between node  $i$  and node  $j$  (represented by  $V_i$  and  $V_j$  respectively) if and only if  $E_{i|V|+j}$  is 1.

For any graph  $(V, E)$ , we say that it is "valid" if the following three conditions hold:

1. No node has an edge to itself.
2. If an edge exists between node  $i$  and node  $j$ , an edge also exists between node  $j$  and node  $i$ .
3. The graph has a free  $\{x_1, \dots, x_r, ush(x_1), \dots, ush(x_r)\}$ , each  $\{x_1, \dots, x_{(8kni)!}\}$  reducing  $[x_1 \cup \dots \cup x_i \cup \{0, \dots, n\}]^{\leq k}$ .

For each list of nodes  $V$ , we loop over every possible binary list  $E$ , and if no pair  $(V, E)$  yields a valid graph, we halt.

When verifying the validity of a graph, checking the first two conditions is trivial, but the third merits further explanation. In order to verify that a given graph  $(V, E)$  has a free  $\{x_1, \dots, x_r, ush(x_1), \dots, ush(x_r)\}$ , each  $\{x_1, \dots, x_{(8kni)!}\}$  reducing  $[x_1 \cup \dots \cup x_i \cup \{0, \dots, n\}]^{\leq k}$ , we look at every possible subset of the nodes in  $V$ . For each subset, we verify that it has length  $r$ , that  $ush(x_1), \dots, ush(x_r)$  all exist in  $V$ , and for each  $i$  such that  $(8kni)! \leq r$ , that  $\{x_1, \dots, x_{(8kni)!}\}$  reduces  $[x_1 \cup \dots \cup x_i \cup \{0, \dots, n\}]^{\leq k}$ . Once we have found such a subset, we know that the third condition is satisfied.



### 5.3 An Explicit Description of $Z$

We present below an explicit description of  $Z$ . In order to prevent the Turing Machine from being outrageously long, our presentation is in a very compressed form. For a more easily readable version of  $Z$ , complete with descriptive state names, see [?].

Figure 3 presents useful information for how to interpret the description shown below. In addition, note the following:

1. The tape has a 2-symbol alphabet, with tape symbols  $\{a, b\}$  and empty symbol  $\lambda$  (in other words,  $\lambda$  is the only symbol that can appear an infinite times on the tape).
2. The start state of  $Z$  is state 0000.
3.  $Z$  will never transition to the ERROR state. Any transition to the ERROR state could be replaced by a transition to any other state (including HALT) and the Turing Machine's behavior would remain identical.
4.  $Z$  contains only one transition to the HALT state, out of state 8247.

0000 (0001bR ERROR-)	0001 (0004bR ERROR-)	0002 (0003bR ERROR-)	0003 (0012aR 0012bR)	0004 (0005bR ERROR-)	0005 (0006bR ERROR-)	0006 (0007aR ERROR-)
0007 (0008bR ERROR-)	0008 (0009bR ERROR-)	0009 (0010bR ERROR-)	0010 (0011bR ERROR-)	0011 (0002bR ERROR-)	0012 (0013aR ERROR-)	0013 (0014aR 0014bR)
0014 (0015aR ERROR-)	0015 (0057aR 0057bR)	0016 (0017bR ERROR-)	0017 (0018bR ERROR-)	0018 (0019aR ERROR-)	0019 (0020aR 0020bR)	0020 (0021aR ERROR-)
0021 (0022aR 0022bR)	0022 (0023aR ERROR-)	0023 (0024aR 0024bR)	0024 (0025aR ERROR-)	0025 (0067aR 0067bR)	0026 (0027aR 0032bR)	0027 (0028aR 0030bL)
0028 (0029aL 0029bL)	0029 (0026aL 0026bL)	0030 (0031aL 0031bL)	0031 (0026aL 0026bL)	0032 (0033aL 0035bL)	0033 (0034aL 0034bL)	0034 (0037aL 0037bL)
0035 (0036aL 0036bL)	0036 (0026aL 0026bL)	0037 (0038aR 0041bR)	0038 (0044aR 0039bL)	0039 (0040bR 0040bR)	0040 (0049aL 0049bL)	0041 (ERROR- 0042bL)
0042 (0043aL 0043aL)	0043 (0037aL 0037bL)	0044 (0045aR 0048bR)	0045 (ERROR- 0046aL)	0046 (0047aR 0047aR)	0047 (0049aL 0049bL)	0048 (0071aR ERROR-)
0049 (0050aR 0051bR)	0050 (0049aR 0049bR)	0051 (0052aR 0049bR)	0052 (0053aR 0054bR)	0053 (0052aR 0052bR)	0054 (0055aL 0052bR)	0055 (0056aR 0056aR)
0056 (0012aR 0012bR)	0057 (0058aR ERROR-)	0058 (0059aR 0059bR)	0059 (0060aR ERROR-)	0060 (0061aR 0061bR)	0061 (0062aR ERROR-)	0062 (0063aR 0063bR)
0063 (0064aR ERROR-)	0064 (0065aR 0065bR)	0065 (0066aR ERROR-)	0066 (0016aR 0016bR)	0067 (0068bR ERROR-)	0068 (0069bR ERROR-)	0069 (0070bL ERROR-)
0070 (0026aL 0026bL)	0071 (0072aR 0074bR)	0072 (0071aR 0073bL)	0073 (0076a- 0076b-)	0074 (ERROR- 0075bL)	0075 (0076a- 0076b-)	0076 (0077aR 0080bR)
0077 (0078aL 0076bR)	0078 (0079bR 0079bR)	0079 (0081aR 0081bR)	0080 (0076aR 0076bR)	0081 (0082aR 0083bR)	0082 (0081aR 0081bR)	0083 (0084aL 0081bR)
0084 (0085aL 0085bL)	0085 (0086aL 0086bL)	0086 (0087aR 0091bR)	0087 (0088aL 0089bL)	0088 (0096a- 0096b-)	0089 (0090aL 0090bL)	0090 (0086aL 0086bL)
0091 (0092aL 0094bL)	0092 (0093aL 0093bL)	0093 (0086aL 0086bL)	0094 (0095aL 0095bL)	0095 (0086aL 0086bL)	0096 (0097aR 0101bR)	0097 (0098aL 0100bL)
0098 (0099aL 0099bL)	0099 (0096aL 0096bL)	0100 (0105a- 0105b-)	0101 (0102aL 0104bL)	0102 (0103aR 0103aR)	0103 (0131aL 0131bL)	0104 (0105a- 0105b-)
0105 (0106aR 0111bR)	0106 (0107bL 0109bL)	0107 (0108bL 0108bL)	0108 (0124aL 0124bL)	0109 (0110bL 0110bL)	0110 (0105aL 0105bL)	0111 (ERROR- 0112bL)
0112 (0113aR 0113aR)	0113 (0114aL 0114bL)	0114 (0115aR 0119bR)	0115 (0116aL 0117bL)	0116 (0124a- 0124b-)	0117 (0118aL 0118bL)	0118 (0114aL 0114bL)
0119 (0120aL 0122bL)	0120 (0121aL 0121bL)	0121 (0114aL 0114bL)	0122 (0123aL 0123bL)	0123 (0114aL 0114bL)	0124 (0125aR 0129bR)	0125 (0126aL 0128bL)
0126 (0127aL 0127bL)	0127 (0124aL 0124bL)	0128 (0086a- 0086b-)	0129 (ERROR- 0130bL)	0130 (0086a- 0086b-)	0131 (0132aR 0134bR)	0132 (0131aR 0133bL)
0133 (0136a- 0136b-)	0134 (ERROR- 0135bL)	0135 (0136a- 0136b-)	0136 (0137aR 0139bR)	0137 (0138aL 0136bR)	0138 (0071a- 0071b-)	0139 (0140aL 0136bR)
0140 (0141aR 0141aR)	0141 (0142aR 0142bR)	0142 (0143aR ERROR-)	0143 (0144aR 0144bR)	0144 (0145bL ERROR-)	0145 (0146aL 0146bL)	0146 (0147aR 0151bR)
0147 (0148aL 0150bL)	0148 (0149aL 0149bL)	0149 (0146aL 0146bL)	0150 (0153a- 0153b-)	0151 (0181aR 0152bL)	0152 (0153a- 0153b-)	0153 (0154aR 0159bR)
0154 (0155aL 0157bL)	0155 (0156bL 0156bL)	0156 (0164aL 0164bL)	0157 (0158aR 0158bL)	0158 (0153aL 0153bL)	0159 (0160aL 0162bL)	0160 (0161aL 0161bL)
0161 (0153aL 0153bL)	0162 (0163aL 0163bL)	0163 (0153aL 0153bL)	0164 (0165aR 0169bR)	0165 (0166aL 0168bL)	0166 (0167aL 0167bL)	0167 (0164aL 0164bL)
0168 (0171a- 0171b-)	0169 (ERROR- 0170bL)	0170 (0171a- 0171b-)	0171 (0172aR 0176bR)	0172 (0173aL 0174bL)	0173 (0146a- 0146b-)	0174 (0175aL 0175bL)
0175 (0171aL 0171bL)	0176 (0177aL 0179bL)	0177 (0178aL 0178bL)	0178 (0171aL 0171bL)	0179 (0180aL 0180bL)	0180 (0171aL 0171bL)	0181 (0182aR 0183bR)
0182 (0181aR 0181bR)	0183 (0184aR 0181bR)	0184 (0185aR 0188bR)	0185 (0186aL 0181bR)	0186 (0187bR 0187bR)	0187 (0189aR 0189bR)	0188 (0184aR 0181bR)
0189 (0190aR ERROR-)	0190 (0191aR 0191bR)	0191 (0192aR ERROR-)	0192 (0193aR 0193bR)	0193 (0194aR ERROR-)	0194 (0203aR 0203bR)	0195 (0196bR ERROR-)
0196 (0197bR ERROR-)	0197 (0198aR ERROR-)	0198 (0217aR 0217bR)	0199 (0200bR ERROR-)	0200 (0201bR ERROR-)	0201 (0202bL ERROR-)	0202 (0247aL 0247bL)
0203 (0204aR ERROR-)	0204 (0205aR 0205bR)	0205 (0206aR ERROR-)	0206 (0207aR 0207bR)	0207 (0208aR ERROR-)	0208 (0209aR 0209bR)	0209 (0210aR ERROR-)
0210 (0211aR 0211bR)	0211 (0212aR ERROR-)	0212 (0213aR 0213bR)	0213 (0214aR ERROR-)	0214 (0215aR 0215bR)	0215 (0216aR ERROR-)	0216 (0195aR 0195bR)
0217 (0218bR ERROR-)	0218 (0221bR ERROR-)	0219 (0220bR ERROR-)	0220 (0229aR 0229bR)	0221 (0222bR ERROR-)	0222 (0223bR ERROR-)	0223 (0224aR ERROR-)
0224 (0225bR ERROR-)	0225 (0226bR ERROR-)	0226 (0227bR ERROR-)	0227 (0228aR ERROR-)	0228 (0219bR ERROR-)	0229 (0230aR ERROR-)	0230 (0231aR 0231bR)
0231 (0232aR ERROR-)	0232 (0233aR 0233bR)	0233 (0234aR ERROR-)	0234 (0235aR 0235bR)	0235 (0236aR ERROR-)	0236 (0237aR 0237bR)	0237 (0238aR ERROR-)
0238 (0239aR 0239bR)	0239 (0240aR ERROR-)	0240 (0241aR 0241bR)	0241 (0242aR ERROR-)	0242 (0243aR 0243bR)	0243 (0244aR ERROR-)	0244 (0245aR 0245bR)
0245 (0246aR ERROR-)	0246 (0199aR 0199bR)	0247 (0248aR 0253bR)	0248 (0249aL 0251bL)	0249 (0250aL 0250bL)	0250 (0247aL 0247bL)	0251 (0252aL 0252bL)
0252 (0247aL 0247bL)	0253 (0254aL 0256bL)	0254 (0255aL 0255bL)	0255 (0258aL 0258bL)	0256 (0257aL 0257bL)	0257 (0247aL 0247bL)	0258 (0259aR 0262bR)
0259 (0265aR 0260bL)	0260 (0261bR 0261bR)	0261 (0272aL 0272bL)	0262 (ERROR- 0263bL)	0263 (0264aL 0264aL)	0264 (0258aL 0258bL)	0265 (0266aR 0269bR)
0266 (ERROR- 0267aL)	0267 (0268aR 0268aR)	0268 (0272aL 0272bL)	0269 (0270aL ERROR-)	0270 (0271aR 0271aR)	0271 (0284aR 0284bR)	0272 (0273aR 0274bR)
0273 (0272aR 0272bR)	0274 (0275aR 0272bR)	0275 (0276aR 0277bR)	0276 (0275aR 0275bR)	0277 (0278aL 0275bR)	0278 (0279aR 0279aR)	0279 (0280aR 0280bR)
0280 (0281bR ERROR-)	0281 (0282bR ERROR-)	0282 (0283bL 0253bL)	0283 (0247aL 0247bL)	0284 (0285aR 0286bR)	0285 (0284aR 0284bR)	0286 (0284aR 0287bR)
0287 (0288aR 0289bR)	0288 (0369aR 0369bR)	0289 (0369aR 0369bR)	0290 (0291bR ERROR-)	0291 (0292aR 0292bR)	0292 (0293aR 0294bR)	0293 (0292aR 0292bR)
0294 (0295aL 0292bR)	0295 (0296aL 0296bL)	0296 (0297aL 0297bL)	0297 (0298aR 0301bR)	0298 (0322aR 0299bL)	0299 (0300bL 0300bL)	0300 (0297aL 0297bL)
0301 (0322aR 0302bL)	0302 (0303aR 0303aR)	0303 (0343aL 0343bL)	0304 (0305aR 0308bR)	0305 (0304aR 0306aL)	0306 (0307aR 0307aR)	0307 (0313aR 0313bR)
0308 (0309aL 0311aL)	0309 (0310aR 0310aR)	0310 (0331aR 0331bR)	0311 (0312aR 0312aR)	0312 (0322aR 0322bR)	0313 (0314aR 0317bR)	0314 (0315bL 0313bR)
0315 (0316aR 0316aR)	0316 (0304aR 0304bR)	0317 (0318aL 0320bL)	0318 (0319aR 0319aR)	0319 (0331aR 0331bR)	0320 (0321aR 0321aR)	0321 (0322aR 0322bR)
0322 (0323aR 0328bR)	0323 (0324bL 0326bL)	0324 (0325bR 0325bR)	0325 (0304aR 0304bR)	0326 (0327bR 0327bR)	0327 (0313aR 0313bR)	0328 (0329bL 0322bR)
0329 (0330bR 0330bR)	0330 (0331aR 0331bR)	0331 (0332bL ERROR-)	0332 (0333aL 0333bL)	0333 (0334aR 0338bR)	0334 (0335aL 0337bL)	0335 (0336aL 0336bL)
0336 (0333aL 0333bL)	0337 (0297a- 0297b-)	0338 (0339aL 0341bL)	0339 (0340aR 0340aR)	0340 (0354aR 0354bR)	0341 (0342aL 0342bL)	0342 (0333aL 0333bL)
0343 (0344aR 0349bR)	0344 (0345aL 0347bL)	0345 (0346aL 0346bL)	0346 (0297aL 0297bL)	0347 (0348aL 0348bL)	0348 (0343aL 0343bL)	0349 (0350aL 0352bL)
0350 (0351aR 0351aR)	0351 (0354aR 0354bR)	0352 (0353aL 0353bL)	0353 (0343aL 0343bL)	0354 (0355aR 0358bR)	0355 (0356aL 0354bR)	0356 (0357bR 0357bR)
0357 (0292aR 0292bR)	0358 (0359aL 0354bR)	0359 (0360aR 0360aR)	0360 (0361aR 0361bR)	0361 (0362bR ERROR-)	0362 (0363bR ERROR-)	0363 (0364aR ERROR-)
0364 (0365aR 0365bR)	0365 (0366aR ERROR-)	0366 (0367aR 0367bR)	0367 (0368bR ERROR-)	0368 (0372aR 0372bR)	0369 (0370aR 0371bR)	0370 (0290aR 0290bR)

## A description of a single state in Z

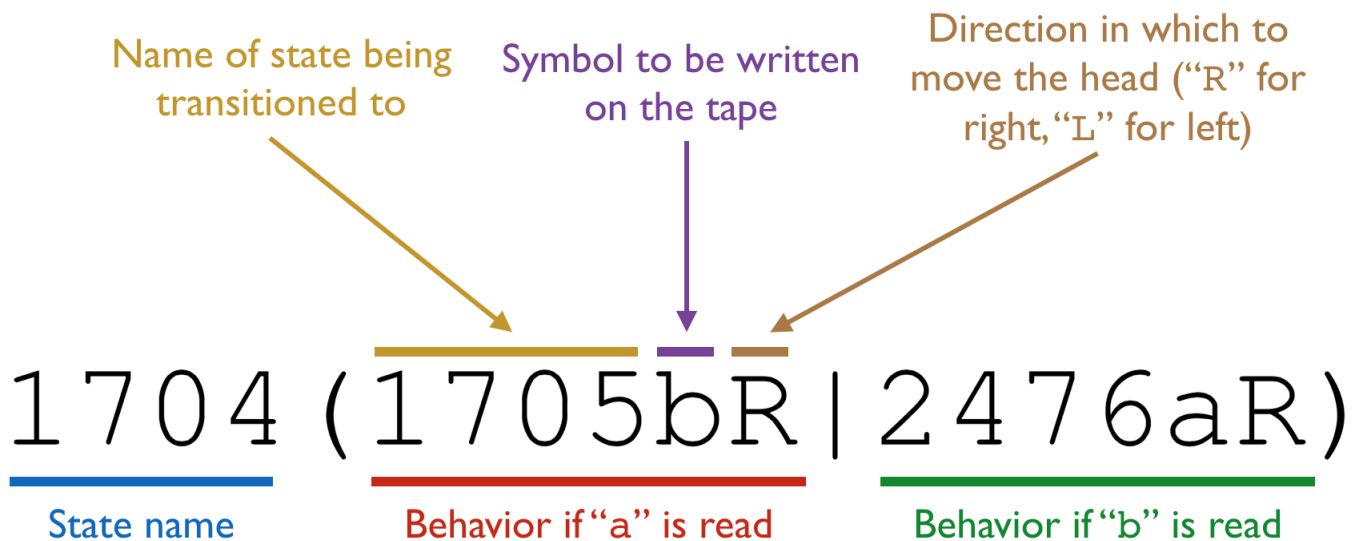


Figure 3: This figure explains how to read a description of a single state. Note that "ERROR--" or "HALT--" denote transitions to the ERROR or HALT states, respectively (no further information is provided because what symbol is written and which direction the head moves are at that point irrelevant.)

0371 (0290aR 0290bR)	0372 (0373aR ERROR-)	0373 (0374bL ERROR-)	0374 (0378aR ERROR-)	0375 (0376aL 0375aL)	0376 (0376aL 0377bR)	0377 (4605aR ERROR-)
0378 (0379bR 1735aR)	0379 (0380bR 1085aR)	0380 (0381bR 0413aR)	0381 (0382bR 3714aR)	0382 (0383bR 3458aR)	0383 (0384bR 3511aR)	0384 (0385bR 2434aR)
0385 (0386bR 3976aR)	0386 (0387bR 2440aR)	0387 (0388bR 3191aR)	0388 (0389bR 1122aR)	0389 (0390bR 1148aR)	0390 (0391bR 1354aR)	0391 (0392bR 2618aR)
0392 (0393bR 2658aR)	0393 (0394bR 1354aR)	0394 (0395bR 2618aR)	0395 (0396bR 3133aR)	0396 (0397bR 3738aR)	0397 (0398bR 3482aR)	0398 (0399bR 3460aR)
0399 (0400bR 3458aR)	0400 (0401bR 4314aR)	0401 (0402bR 2482aR)	0402 (0403bR 1284aR)	0403 (0404bR 1317aR)	0404 (0405bR 4293aR)	0405 (0406bR 3110aR)
0406 (0407bR 0521aR)	0407 (0408bR 1437aR)	0408 (0409bR 0413aR)	0409 (0410bR 3113aR)	0410 (0411bR 1437aR)	0411 (0412bR 0421aR)	0412 (0413bR 0622aR)
0413 (0414bR 2474aR)	0414 (0415bR 2474aR)	0415 (0416bR 1066aR)	0416 (0417bR 0951aR)	0417 (0418bR 2458aR)	0418 (0419bR 3976aR)	0419 (0420bR 0904aR)
0420 (0421bR 3191aR)	0421 (0422bR 1082aR)	0422 (0423bR 0570aR)	0423 (0424bR 2670aR)	0424 (0425bR 0938aR)	0425 (0426bR 0938aR)	0426 (0427bR 0439aR)
0427 (0428bR 0518aR)	0428 (0429bR 0550aR)	0429 (0430bR 1356aR)	0430 (0431bR 0572aR)	0431 (0432bR 0570aR)	0432 (0433bR 3130aR)	0433 (0434bR 2672aR)
0434 (0435bR 0509aR)	0435 (0436bR 2482aR)	0436 (0437bR 0948aR)	0437 (0438bR 3438aR)	0438 (0439bR 0392aR)	0439 (0440bR 2484aR)	0440 (0441bR 3130aR)
0441 (0442bR 0613aR)	0442 (0443bR 1117aR)	0443 (0444bR 0946aR)	0444 (0445bR 0580aR)	0445 (0446bR 3234aR)	0446 (0447bR 4102aR)	0447 (0448bR 0434aR)
0448 (0449bR 3365aR)	0449 (0450bR 0413aR)	0450 (0451bR 0421aR)	0451 (0452bR 0509aR)	0452 (0453bR 3714aR)	0453 (0454bR 3458aR)	0454 (0455bR 4009aR)
0455 (0456bR 1437aR)	0456 (0457bR 0421aR)	0457 (0458bR 2615aR)	0458 (0459bR 0893aR)	0459 (0460bR 0509aR)	0460 (0461bR 0413aR)	0461 (0462bR 0421aR)
0462 (0463bR 3714aR)	0463 (0464bR 4138aR)	0464 (0465bR 2487aR)	0465 (0466bR 0922aR)	0466 (0467bR 3634aR)	0467 (0468bR 1082aR)	0468 (0469bR 2670aR)
0469 (0470bR 0938aR)	0470 (0471bR 0940aR)	0471 (0472bR 4284aR)	0472 (0473bR 1148aR)	0473 (0474bR 3369aR)	0474 (0475bR 1541aR)	0475 (0476bR 0509aR)
0476 (0477bR 0421aR)	0477 (0478bR 0413aR)	0478 (0479bR 3836aR)	0479 (0480bR 0602aR)	0480 (0481bR 3452aR)	0481 (0482bR 4137aR)	0482 (0483bR 3706aR)
0483 (0484bR 2653aR)	0484 (0485bR 0413aR)	0485 (0486bR 3714aR)	0486 (0487bR 3162aR)	0487 (0488bR 3334aR)	0488 (0489bR 3196aR)	0489 (0490bR 1148aR)
0490 (0491bR 3202aR)	0491 (0492bR 1362aR)	0492 (0493bR 0520aR)	0493 (0494bR 0604aR)	0494 (0495bR 1317aR)	0495 (0496bR 2569aR)	0496 (0497bR 1437aR)
0497 (0498bR 0413aR)	0498 (0499bR 2670aR)	0499 (0500bR 2949aR)	0500 (0501bR 0421aR)	0501 (0502bR 0413aR)	0502 (0503bR 3834aR)	0503 (0504bR 3162aR)
0504 (0505bR 3962aR)	0505 (0506bR 4137aR)	0506 (0507bR 3706aR)	0507 (0508bR 2612aR)	0508 (0509bR 3324aR)	0509 (0510bR 4008aR)	0510 (0511bR 0428aR)
0511 (0512bR 3140aR)	0512 (0513bR 1180aR)	0513 (0514bR 4140aR)	0514 (0515bR 0401aR)	0515 (0516bR 1189aR)	0516 (0517bR 0426aR)	0517 (0518bR 3253aR)
0518 (0519bR 2568aR)	0519 (0520bR 1066aR)	0520 (0521bR 0564aR)	0521 (0522bR 1124aR)	0522 (0523bR 1148aR)	0523 (0524bR 1148aR)	0524 (0525bR 3202aR)
0525 (0526bR 1154aR)	0526 (0527bR 3402aR)	0527 (0528bR 2618aR)	0528 (0529bR 2660aR)	0529 (0530bR 1362aR)	0530 (0531bR 0520aR)	0531 (0532bR 0580aR)
0532 (0533bR 0612aR)	0533 (0534bR 4426aR)	0534 (0535bR 2461aR)	0535 (0536bR 3122aR)	0536 (0537bR 1116aR)	0537 (0538bR 4102aR)	0538 (0539bR 0436aR)
0539 (0540bR 0612aR)	0540 (0541bR 3194aR)	0541 (0542bR 1318aR)	0542 (0543bR 3334aR)	0543 (0544bR 2628aR)	0544 (0545bR 3462aR)	0545 (0546bR 1096aR)
0546 (0547bR 0428aR)	0547 (0548bR 3140aR)	0548 (0549bR 1180aR)	0549 (0550bR 3581aR)	0550 (0551bR 0550aR)	0551 (0552bR 0938aR)	0552 (0553bR 1114aR)
0553 (0554bR 4154aR)	0554 (0555bR 2618aR)	0555 (0556bR 3132aR)	0556 (0557bR 0572aR)	0557 (0558bR 1134aR)	0558 (0559bR 0938aR)	0559 (0560bR 0949aR)
0560 (0561bR 3746aR)	0561 (0562bR 1082aR)	0562 (0563bR 3130aR)	0563 (0564bR 2672aR)	0564 (0565bR 0421aR)	0565 (0566bR 2476aR)	0566 (0567bR 2484aR)
0567 (0568bR 3441aR)	0568 (0569bR 3706aR)	0569 (0570bR 0434aR)	0570 (0571bR 1125aR)	0571 (0572bR 1090aR)	0572 (0573bR 4018aR)	0573 (0574bR 0570aR)
0574 (0575bR 2618aR)	0575 (0576bR 3132aR)	0576 (0577bR 0622aR)	0577 (0578bR 0938aR)	0578 (0579bR 0946aR)	0579 (0580bR 0622aR)	0580 (0581bR 0946aR)
0581 (0582bR 1082aR)	0582 (0583bR 2672aR)	0583 (0584bR 0413aR)	0584 (0585bR 2474aR)	0585 (0586bR 0564aR)	0586 (0587bR 3194aR)	0587 (0588bR 3402aR)
0588 (0589bR 0550aR)	0589 (0590bR 0390aR)	0590 (0591bR 0518aR)	0591 (0592bR 0550aR)	0592 (0593bR 0905aR)	0593 (0594bR 1916aR)	0594 (0595bR 1277aR)
0595 (0596bR 0392aR)	0596 (0597bR 3130aR)	0597 (0598bR 1354aR)	0598 (0599bR 0552aR)	0599 (0600bR 3114aR)	0600 (0601bR 0938aR)	0601 (0602bR 1066aR)
0602 (0603bR 2487aR)	0603 (0604bR 2434aR)	0604 (0605bR 3974aR)	0605 (0606bR 3172aR)	0606 (0607bR 3625aR)	0607 (0608bR 1404aR)	0608 (0609bR 3354aR)
0609 (0610bR 3458aR)	0610 (0611bR 3460aR)	0611 (0612bR 3482aR)	0612 (0613bR 4314aR)	0613 (0614bR 0946aR)	0614 (0615bR 1288aR)	0615 (0616bR 3165aR)
0616 (0617bR 3706aR)	0617 (0618bR 3133aR)	0618 (0619bR 0413aR)	0619 (0620bR 0421aR)	0620 (0621bR 0509aR)	0621 (0622bR 3834aR)	0622 (0623bR 2650aR)
0623 (0624bR 4196aR)	0624 (0625bR 4209aR)	0625 (0626bR 1710aR)	0626 (0627bR 0617aR)	0627 (0628bR 1437aR)	0628 (0629bR 1335aR)	0629 (0630bR 3783aR)
0630 (0631bR 0557aR)	0631 (0632bR 3749aR)	0632 (0633bR 1367aR)	0633 (0634bR 1612aR)	0634 (0635bR 1207aR)	0635 (0636bR 2660aR)	0636 (0637bR 3324aR)
0637 (0638bR 4317aR)	0638 (0639bR 3394aR)	0639 (0640bR 4125aR)	0640 (0641bR 2441aR)	0641 (0642bR 1972aR)	0642 (0643bR 4146aR)	0643 (0644bR 4151aR)
0644 (0645bR 2658aR)	0645 (0646bR 4349aR)	0646 (0647bR 4335aR)	0647 (0648bR 1245aR)	0648 (0649bR 3069aR)	0649 (0650bR 2429aR)	0650 (0651bR 3433aR)
0651 (0652bR 2253aR)	0652 (0653bR 1542aR)	0653 (0654bR 4282aR)	0654 (0655bR 1207aR)	0655 (0656bR 0422aR)	0656 (0657bR 4335aR)	0657 (0658bR 1245aR)
0658 (0659bR 2557aR)	0659 (0660bR 3257aR)	0660 (0661bR 2253aR)	0661 (0662bR 1972aR)	0662 (0663bR 2994aR)	0663 (0664bR 0949aR)	0664 (0665bR 3697aR)
0665 (0666bR 1710aR)	0666 (0667bR 1097aR)	0667 (0668bR 2100aR)	0668 (0669bR 2650aR)	0669 (0670bR 0565aR)	0670 (0671bR 4105aR)	0671 (0672bR 1973aR)
0672 (0673bR 2610aR)	0673 (0674bR 2615aR)	0674 (0675bR 2662aR)	0675 (0676bR 1114aR)	0676 (0677bR 1136aR)	0677 (0678bR 1336aR)	0678 (0679bR 4284aR)
0679 (0680bR 3253aR)	0680 (0681bR 3918aR)	0681 (0682bR 3708aR)	0682 (0683bR 3694aR)	0683 (0684bR 0565aR)	0684 (0685bR 3918aR)	0685 (0686bR 3740aR)
0686 (0687bR 3645aR)	0687 (0688bR 3404aR)	0688 (0689bR 3145aR)	0689 (0690bR 2253aR)	0690 (0691bR 1446aR)	0691 (0692bR 4325aR)	0692 (0693bR 2440aR)
0693 (0694bR 3140aR)	0694 (0695bR 4325aR)	0695 (0696bR 3432aR)	0696 (0697bR 3186aR)	0697 (0698bR 1392aR)	0698 (0699bR 0602aR)	0699 (0700bR 1317aR)
0700 (0701bR 2615aR)	0701 (0702bR 2485aR)	0702 (0703bR 4196aR)	0703 (0704bR 4349aR)	0704 (0705bR 4292aR)	0705 (0706bR 1194aR)	0706 (0707bR 4208aR)
0707 (0708bR 1317aR)	0708 (0709bR 2610aR)	0709 (0710bR 1285aR)	0710 (0711bR 3749aR)	0711 (0712bR 1362aR)	0712 (0713bR 4136aR)	0713 (0714bR 1136aR)
0714 (0715bR 0602aR)	0715 (0716bR 3496aR)	0716 (0717bR 3191aR)	0717 (0718bR 1030aR)	0718 (0719bR 4157aR)	0719 (0720bR 3716aR)	0720 (0721bR 4157aR)
0721 (0722bR 3918aR)	0722 (0723bR 3880aR)	0723 (0724bR 2994aR)	0724 (0725bR 1193aR)	0725 (0726bR 1928aR)	0726 (0727bR 2952aR)	0727 (0728bR 0631aR)
0728 (0729bR 1069aR)	0729 (0730bR 3918aR)	0730 (0731bR 3848aR)	0731 (0732bR 3176aR)	0732 (0733bR 0581aR)	0733 (0734bR 3717aR)	0734 (0735bR 1369aR)
0735 (0736bR 1446aR)	0736 (0737bR 4292aR)	0737 (0738bR 3697aR)	0738 (0739bR 1710aR)	0739 (0740bR 0422aR)	0740 (0741bR 0439aR)	0741 (0742bR 0518aR)
0742 (0743bR 0557aR)	0743 (0744bR 3738aR)	0744 (0745bR 1154aR)	0745 (0746bR 3453aR)	0746 (0747bR 0425aR)	0747 (0748bR 1437aR)	0748 (0749bR 0392aR)
0749 (0750bR 4290aR)	0750 (0751bR 0570aR)	0751 (0752bR 3202aR)	0752 (0753bR 3453aR)	0753 (0754bR 3714aR)	0754 (0755bR 3974aR)	0755 (0756bR 0567aR)
0756 (0757bR 0518aR)	0757 (0758bR 0434aR)	0758 (0759bR 1354aR)	0759 (0760bR 2618aR)	0760 (0761bR 3209aR)	0761 (0762bR 1530aR)	0762 (0763bR 3485aR)
0763 (0764bR 0390aR)	0764 (0765bR 0567aR)	0765 (0766bR 0520aR)	0766 (0767bR 1084aR)	0767 (0768bR 1354aR)	0768 (0769bR 0392aR)	0769 (0770bR 1125aR)
0770 (0771bR 0426aR)	0771 (0772bR 0570aR)	0772 (0773bR 3202aR)	0773 (0774bR 4284aR)	0774 (0775bR 1146aR)	0775 (0776bR 3465aR)	0776 (0777bR 1412aR)
0777 (0778bR 3196aR)	0778 (0779bR 3453aR)	0779 (0780bR 3714aR)	0780 (0781bR 3626aR)	0781 (0782bR 1134aR)	0782 (0783bR 0381aR)	0783 (0784bR 0436aR)
0784 (0785bR 4006aR)	0785 (0786bR 0426aR)	0786 (0787bR 1084aR)	0787 (0788bR 1354aR)	0788 (0789bR 2438aR)	0789 (0790bR 1082aR)	0790 (0791bR 1354aR)
0791 (0792bR 2618aR)	0792 (0793bR 1193aR)	0793 (0794bR 1437aR)	0794 (0795bR 0422aR)	0795 (0796bR 0622aR)	0796 (0797bR 2618aR)	0797 (0798bR 2618aR)
0798 (0799bR 3194aR)	0799 (0800bR 4314aR)	0800 (0801bR 2650aR)	0801 (0802bR 3484aR)	0802 (0803bR 4137aR)	0803 (0804bR 3752aR)	0804 (0805bR 1146aR)
0805 (0806bR 4284aR)	0806 (0807bR 1146aR)	0807 (0808bR 4023aR)	0808 (0809bR 0518aR)	0809 (0810bR 0554aR)	0810 (0811bR 1356aR)	0811 (0812bR 1084aR)
0812 (0813bR 1148aR)	0813 (0814bR 3453aR)	0814 (0815bR 3836aR)	0815 (0816bR 1277aR)	0816 (0817bR 0421aR)	0817 (0818bR 3129aR)	0818 (0819bR 1437aR)
0819 (0820bR 0390aR)	0820 (0821bR 3402aR)	0821 (0822bR 2618aR)	0822 (0823bR 3333aR)	0823 (0824bR 3738aR)	0824 (0825bR 1154aR)	0825 (0826bR 3453aR)
0826 (0827bR 0425aR)	0827 (0828bR 1437aR)	0828 (0829bR 0392aR)	0829 (0830bR 1354aR)	0830 (0831bR 2566aR)	0831 (0832bR 0554aR)	0832 (0833bR 2618aR)
0833 (0834bR 1354aR)	0834 (0835bR 2661aR)	0835 (0836bR 0425aR)	0836 (0837bR 1436aR)	0837 (0838bR 3205aR)	0838 (0839bR 3165aR)	0839 (0840bR 0390aR)
0840 (0841bR 0554aR)	0841 (0842bR 2672aR)	0842 (0843bR 0392aR)	0843 (0844bR 0580aR)	0844 (0845bR 3365aR)	0845 (0846bR 1065aR)	0846 (0847bR 1404aR)
0847 (0848bR 3238aR)	0848 (0849bR 0426aR)	0849 (0850bR 1084aR)	0850 (0851bR 1362aR)	0851 (0852bR 0434aR)	0852 (0853bR 1154aR)	0853 (0854bR 4134aR)
0854 (0855bR 0951aR)	0855 (0856bR 0548aR)	0856 (0857bR 3494aR)	0857 (0858bR 3590aR)	0858 (0859bR 3173aR)	0859 (0860bR 0436aR)	0860 (0861bR 1192aR)
0861 (0862bR 1317aR)	0862 (0863bR 0390aR)	0863 (0864bR 0554aR)	0864 (0865bR 2670aR)	0865 (0866bR 0938aR)	0866 (0867bR 0612aR)	0867 (0868bR 4282aR)
0868 (0869bR 0902aR)	0869 (0870bR 0554aR)	0870 (0871bR 0622aR)	0871 (0872bR 0948aR)	0872 (0873bR 1148aR)	0873 (0874bR 4335aR)	0874 (0875bR 1210aR)
0875 (0876bR 2633aR)	0876 (0877bR 1574aR)	0877 (0878bR 4335aR)	0878 (0879bR 1210aR)	0879 (0880bR 3145aR)	0880 (0881bR 1574aR)	0881 (0882bR 4335aR)
0882 (0883bR 1212aR)	0883 (0884bR 0585aR)	0884 (0885bR 1574aR)	0885 (0886bR 4335aR)	0886 (0887bR 1212aR)	0887 (0888bR 1097aR)	0888 (0889bR 1574aR)
0889 (0890bR 4335aR)	0890 (0891bR 1212aR)	0891 (0892bR 2633aR)	0892 (0893bR 1574aR)	0893 (0894bR 4335aR)	0894 (0895bR 1212aR)	0895 (0896bR 3145aR)

0987 (0988bR  1356aR)	0988 (0989bR  1125aR)	0989 (0990bR  2629aR)	0990 (0991bR  3877aR)	0991 (0992bR  2482aR)	0992 (0993bR  3365aR)	0993 (0994bR  4282aR)
0994 (0995bR  1077aR)	0995 (0996bR  1117aR)	0996 (0997bR  3182aR)	0997 (0998bR  0940aR)	0998 (0999bR  3511aR)	0999 (1000bR  0520aR)	1000 (1001bR  1335aR)
1001 (1002bR  0893aR)	1002 (1003bR  3141aR)	1003 (1004bR  2670aR)	1004 (1005bR  0938aR)	1005 (1006bR  4151aR)	1006 (1007bR  3717aR)	1007 (1008bR  1332aR)
1008 (1009bR  3383aR)	1009 (1010bR  3783aR)	1010 (1011bR  0386aR)	1011 (1012bR  3645aR)	1012 (1013bR  3752aR)	1013 (1014bR  3511aR)	1014 (1015bR  3783aR)
1015 (1016bR  0565aR)	1016 (1017bR  3714aR)	1017 (1018bR  3689aR)	1018 (1019bR  2253aR)	1019 (1020bR  1437aR)	1020 (1021bR  3255aR)	1021 (1022bR  0426aR)
1022 (1023bR  0282aR)	1023 (1024bR  2476aR)	1024 (1025bR  4157aR)	1025 (1026bR  3714aR)	1026 (1027bR  3653aR)	1027 (1028bR  3918aR)	1028 (1029bR  3717aR)
1029 (1030bR  1364aR)	1030 (1031bR  4134aR)	1031 (1032bR  0562aR)	1032 (1033bR  0624aR)	1033 (1034bR  3384aR)	1034 (1035bR  3977aR)	1035 (1036bR  3129aR)
1036 (1037bR  1928aR)	1037 (1038bR  3138aR)	1038 (1039bR  3965aR)	1039 (1040bR  3837aR)	1040 (1041bR  3432aR)	1041 (1042bR  0628aR)	1042 (1043bR  3438aR)
1043 (1044bR  0517aR)	1044 (1045bR  1356aR)	1045 (1046bR  1069aR)	1046 (1047bR  3410aR)	1047 (1048bR  3976aR)	1048 (1049bR  3182aR)	1049 (1050bR  0541aR)
1050 (1051bR  3209aR)	1051 (1052bR  2100aR)	1052 (1053bR  3418aR)	1053 (1054bR  4137aR)	1054 (1055bR  1410aR)	1055 (1056bR  3255aR)	1056 (1057bR  0933aR)
1057 (1058bR  1335aR)	1058 (1059bR  2650aR)	1059 (1060bR  3621aR)	1060 (1061bR  3740aR)	1061 (1062bR  3242aR)	1062 (1063bR  4317aR)	1063 (1064bR  2476aR)
1064 (1065bR  3184aR)	1065 (1066bR  0612aR)	1066 (1067bR  3464aR)	1067 (1068bR  0439aR)	1068 (1069bR  2485aR)	1069 (1070bR  4186aR)	1070 (1071bR  4389aR)
1071 (1072bR  4282aR)	1072 (1073bR  2997aR)	1073 (1074bR  0624aR)	1074 (1075bR  3365aR)	1075 (1076bR  2610aR)	1076 (1077bR  1390aR)	1077 (1078bR  0517aR)
1078 (1079bR  1362aR)	1079 (1080bR  3976aR)	1080 (1081bR  3182aR)	1081 (1082bR  2982aR)	1082 (1083bR  4157aR)	1083 (1084bR  3918aR)	1084 (1085bR  3848aR)
1085 (1086bR  0439aR)	1086 (1087bR  2662aR)	1087 (1088bR  4439aR)	1088 (1089bR  1618aR)	1089 (1090bR  4125aR)	1090 (1091bR  2476aR)	1091 (1092bR  4325aR)
1092 (1093bR  3069aR)	1093 (1094bR  2489aR)	1094 (1095bR  1972aR)	1095 (1096bR  3162aR)	1096 (1097bR  3415aR)	1097 (1098bR  1610aR)	1098 (1099bR  2632aR)
1099 (1100bR  4292aR)	1100 (1101bR  3145aR)	1101 (1102bR  2253aR)	1102 (1103bR  1434aR)	1103 (1104bR  3383aR)	1104 (1105bR  0518aR)	1105 (1106bR  4209aR)
1106 (1107bR  1710aR)	1107 (1108bR  1097aR)	1108 (1109bR  2253aR)	1109 (1110bR  1446aR)	1110 (1111bR  4290aR)	1111 (1112bR  1126aR)	1112 (1113bR  1362aR)
1113 (1114bR  1314aR)	1114 (1115bR  3976aR)	1115 (1116bR  1364aR)	1116 (1117bR  4122aR)	1117 (1118bR  1277aR)	1118 (1119bR  0439aR)	1119 (1120bR  1021aR)
1120 (1121bR  0624aR)	1121 (1122bR  1282aR)	1122 (1123bR  3174aR)	1123 (1124bR  3511aR)	1124 (1125bR  1029aR)	1125 (1126bR  4292aR)	1126 (1127bR  4292aR)
1127 (1128bR  2632aR)	1128 (1129bR  3511aR)	1129 (1130bR  3783aR)	1130 (1131bR  0538aR)	1131 (1132bR  3686aR)	1132 (1133bR  3336aR)	1133 (1134bR  3402aR)
1134 (1135bR  0550aR)	1135 (1136bR  1192aR)	1136 (1137bR  1321aR)	1137 (1138bR  2253aR)	1138 (1139bR  1437aR)	1139 (1140bR  0585aR)	1140 (1141bR  1437aR)
1141 (1142bR  1129aR)	1142 (1143bR  1442aR)	1143 (1144bR  3334aR)	1144 (1145bR  1193aR)	1145 (1146bR  1437aR)	1146 (1147bR  1289aR)	1147 (1148bR  2253aR)
1148 (1149bR  1437aR)	1149 (1150bR  1335aR)	1150 (1151bR  0546aR)	1151 (1152bR  3645aR)	1152 (1153bR  3918aR)	1153 (1154bR  3741aR)	1154 (1155bR  1354aR)
1155 (1156bR  0934aR)	1156 (1157bR  4325aR)	1157 (1158bR  3114aR)	1158 (1159bR  1274aR)	1159 (1160bR  4325aR)	1160 (1161bR  3432aR)	1161 (1162bR  3186aR)
1162 (1163bR  1390aR)	1163 (1164bR  0517aR)	1164 (1165bR  1362aR)	1165 (1166bR  3974aR)	1166 (1167bR  1134aR)	1167 (1168bR  0429aR)	1168 (1169bR  3740aR)
1169 (1170bR  3253aR)	1170 (1171bR  3716aR)	1171 (1172bR  3689aR)	1172 (1173bR  2253aR)	1173 (1174bR  1530aR)	1174 (1175bR  1189aR)	1175 (1176bR  2482aR)
1176 (1177bR  3404aR)	1177 (1178bR  0552aR)	1178 (1179bR  1204aR)	1179 (1180bR  3506aR)	1180 (1181bR  1285aR)	1181 (1182bR  2999aR)	1182 (1183bR  0520aR)
1183 (1184bR  0613aR)	1184 (1185bR  3866aR)	1185 (1186bR  3974aR)	1186 (1187bR  1124aR)	1187 (1188bR  4426aR)	1188 (1189bR  0520aR)	1189 (1190bR  3325aR)
1190 (1191bR  3740aR)	1191 (1192bR  3133aR)	1192 (1193bR  2632aR)	1193 (1194bR  3325aR)	1194 (1195bR  2612aR)	1195 (1196bR  1364aR)	1196 (1197bR  0602aR)
1197 (1198bR  3508aR)	1198 (1199bR  3209aR)	1199 (1200bR  1437aR)	1200 (1201bR  2484aR)	1201 (1202bR  4292aR)	1202 (1203bR  0562aR)	1203 (1204bR  3325aR)
1204 (1205bR  3868aR)	1205 (1206bR  3974aR)	1206 (1207bR  2996aR)	1207 (1208bR  3438aR)	1208 (1209bR  2973aR)	1209 (1210bR  1160aR)	1210 (1211bR  3197aR)
1211 (1212bR  1114aR)	1212 (1213bR  4008aR)	1213 (1214bR  2670aR)	1214 (1215bR  2565aR)	1215 (1216bR  3240aR)	1216 (1217bR  3325aR)	1217 (1218bR  2612aR)
1218 (1219bR  1354aR)	1219 (1220bR  2650aR)	1220 (1221bR  4151aR)	1221 (1222bR  1020aR)	1222 (1223bR  4008aR)	1223 (1224bR  0624aR)	1224 (1225bR  2610aR)
1225 (1226bR  1154aR)	1226 (1227bR  4137aR)	1227 (1228bR  3748aR)	1228 (1229bR  2628aR)	1229 (1230bR  3634aR)	1230 (1231bR  1285aR)	1231 (1232bR  2999aR)
1232 (1233bR  0378aR)	1233 (1234bR  1158aR)	1234 (1235bR  0572aR)	1235 (1236bR  3592aR)	1236 (1237bR  3240aR)	1237 (1238bR  0604aR)	1238 (1239bR  4105aR)
1239 (1240bR  1437aR)	1240 (1241bR  2476aR)	1241 (1242bR  4284aR)	1242 (1243bR  1160aR)	1243 (1244bR  0624aR)	1244 (1245bR  2482aR)	1245 (1246bR  1157aR)
1246 (1247bR  3114aR)	1247 (1248bR  3415aR)	1248 (1249bR  1610aR)	1249 (1250bR  2472aR)	1250 (1251bR  4290aR)	1251 (1252bR  0554aR)	1252 (1253bR  4206aR)
1253 (1254bR  0941aR)	1254 (1255bR  0625aR)	1255 (1256bR  1710aR)	1256 (1257bR  1097aR)	1257 (1258bR  1532aR)	1258 (1259bR  1205aR)	1259 (1260bR  3918aR)
1260 (1261bR  3741aR)	1261 (1262bR  1354aR)	1262 (1263bR  0934aR)	1263 (1264bR  4325aR)	1264 (1265bR  3074aR)	1265 (1266bR  3965aR)	1266 (1267bR  3418aR)
1267 (1268bR  1354aR)	1268 (1269bR  0934aR)	1269 (1270bR  4282aR)	1270 (1271bR  1207aR)	1271 (1272bR  2650aR)	1272 (1273bR  3511aR)	1273 (1274bR  0550aR)
1274 (1275bR  4209aR)	1275 (1276bR  1710aR)	1276 (1277bR  2557aR)	1277 (1278bR  1192aR)	1278 (1279bR  1356aR)	1279 (1280bR  0934aR)	1280 (1281bR  4157aR)
1281 (1282bR  2661aR)	1282 (1283bR  0439aR)	1283 (1284bR  3783aR)	1284 (1285bR  0386aR)	1285 (1286bR  3645aR)	1286 (1287bR  3714aR)	1287 (1288bR  0614aR)
1288 (1289bR  1367aR)	1289 (1290bR  1610aR)	1290 (1291bR  2629aR)	1291 (1292bR  1354aR)	1292 (1293bR  2653aR)	1293 (1294bR  3404aR)	1294 (1295bR  1032aR)
1295 (1296bR  3337aR)	1296 (1297bR  1541aR)	1297 (1298bR  2661aR)	1298 (1299bR  1134aR)	1299 (1300bR  0938aR)	1300 (1301bR  4023aR)	1301 (1302bR  3783aR)
1302 (1303bR  0557aR)	1303 (1304bR  3880aR)	1304 (1305bR  0439aR)	1305 (1306bR  3177aR)	1306 (1307bR  3122aR)	1307 (1308bR  0612aR)	1308 (1309bR  4426aR)
1309 (1310bR  0585aR)	1310 (1311bR  2100aR)	1311 (1312bR  2568aR)	1312 (1313bR  0617aR)	1313 (1314bR  1445aR)	1314 (1315bR  1335aR)	1315 (1316bR  3783aR)
1316 (1317bR  0538aR)	1317 (1318bR  3653aR)	1318 (1319bR  2661aR)	1319 (1320bR  0439aR)	1320 (1321bR  1018aR)	1321 (1322bR  4157aR)	1322 (1323bR  1117aR)
1323 (1324bR  3130aR)	1324 (1325bR  4335aR)	1325 (1326bR  1210aR)	1326 (1327bR  1069aR)	1327 (1328bR  1117aR)	1328 (1329bR  3182aR)	1329 (1330bR  2565aR)
1330 (1331bR  1322aR)	1331 (1332bR  3634aR)	1332 (1333bR  4151aR)	1333 (1334bR  3783aR)	1334 (1335bR  0518aR)	1335 (1336bR  4206aR)	1336 (1337bR  3117aR)
1337 (1338bR  3918aR)	1338 (1339bR  3738aR)	1339 (1340bR  3133aR)	1340 (1341bR  1192aR)	1341 (1342bR  1318aR)	1342 (1343bR  0572aR)	1343 (1344bR  4284aR)
1344 (1345bR  318aR)	1345 (1346bR  3412aR)	1346 (1347bR  3325aR)	1347 (1348bR  2612aR)	1348 (1349bR  3438aR)	1349 (1350bR  2981aR)	1350 (1351bR  3206aR)
1351 (1352bR  3366aR)	1352 (1353bR  0572aR)	1353 (1354bR  4284aR)	1354 (1355bR  1318aR)	1355 (1356bR  3412aR)	1356 (1357bR  3325aR)	1357 (1358bR  0948aR)
1358 (1359bR  3438aR)	1359 (1360bR  3077aR)	1360 (1361bR  1160aR)	1361 (1362bR  1192aR)	1362 (1363bR  3197aR)	1363 (1364bR  0567aR)	1364 (1365bR  3122aR)
1365 (1366bR  1189aR)	1366 (1367bR  3116aR)	1367 (1368bR  3402aR)	1368 (1369bR  0550aR)	1369 (1370bR  1318aR)	1370 (1371bR  0572aR)	1371 (1372bR  4290aR)
1372 (1373bR  2602aR)	1373 (1374bR  3653aR)	1374 (1375bR  3130aR)	1375 (1376bR  3497aR)	1376 (1377bR  2088aR)	1377 (1378bR  0616aR)	1378 (1379bR  3177aR)
1379 (1380bR  2253aR)	1380 (1381bR  1437aR)	1381 (1382bR  1097aR)	1382 (1383bR  1437aR)	1383 (1384bR  2665aR)	1384 (1385bR  1570aR)	1385 (1386bR  1318aR)
1386 (1387bR  3337aR)	1388 (1389bR  1437aR)	1389 (1390bR  0613aR)	1389 (1390bR  3918aR)	1390 (1391bR  3717aR)	1391 (1392bR  1364aR)	1392 (1393bR  3965aR)
1393 (1394bR  3837aR)	1394 (1395bR  3080aR)	1395 (1396bR  0613aR)	1396 (1397bR  3880aR)	1397 (1398bR  2994aR)	1398 (1399bR  0624aR)	1399 (1400bR  3362aR)
1400 (1401bR  2650aR)	1401 (1402bR  0439aR)	1402 (1403bR  3172aR)	1403 (1404bR  0552aR)	1404 (1405bR  0439aR)	1405 (1406bR  0412aR)	1406 (1407bR  3696aR)
1407 (1408bR  3365aR)	1408 (1409bR  1074aR)	1409 (1410bR  1392aR)	1410 (1411bR  1288aR)	1411 (1412bR  2999aR)	1412 (1413bR  3172aR)	1413 (1414bR  1277aR)
1414 (1415bR  2999aR)	1415 (1416bR  0390aR)	1416 (1417bR  4317aR)	1417 (1418bR  2476aR)	1418 (1419bR  3404aR)	1419 (1420bR  2605aR)	1420 (1421bR  3209aR)
1421 (1422bR  2253aR)	1422 (1423bR  1564aR)	1423 (1424bR  3253aR)	1424 (1425bR  1117aR)	1425 (1426bR  3130aR)	1426 (1427bR  4284aR)	1427 (1428bR  1066aR)
1428 (1429bR  3637aR)	1429 (1430bR  2661aR)	1430 (1431bR  0439aR)	1431 (1432bR  3783aR)	1432 (1433bR  0518aR)	1433 (1434bR  1207aR)	1434 (1435bR  0518aR)
1435 (1436bR  3383aR)	1436 (1437bR  1060aR)	1437 (1438bR  4010aR)	1438 (1439bR  3639aR)	1439 (1440bR  0518aR)	1440 (1441bR  4023aR)	1441 (1442bR  3783aR)
1442 (1443bR  0518aR)	1443 (1444bR  4206aR)	1444 (1445bR  2461aR)	1445 (1446bR  1161aR)	1446 (1447bR  2253aR)	1447 (1448bR  1586aR)	1448 (1449bR  3465aR)
1449 (1450bR  1532aR)	1450 (1451bR  3373aR)	1451 (1452bR  1125aR)	1452 (1453bR  0426aR)	1453 (1454bR  3229aR)	1454 (1455bR  3714aR)	1455 (1456bR  3462aR)
1456 (1457bR  3410aR)	1457 (1458bR  0602aR)	1458 (1459bR  4104aR)	1459 (1460bR  3191aR)	1460 (1461bR  0518aR)	1461 (1462bR  0585aR)	1462 (1463bR  1437aR)
1463 (1464bR  0565aR)	1464 (1465bR  3748aR)	1465 (1466bR  0578aR)	1466 (1467bR  3462aR)	1467 (1468bR  1134aR)	1468 (1469bR  0938aR)	1469 (1470bR  3593aR)
1470 (1471bR  1402aR)	1471 (1472bR  1085aR)	1472 (1473bR  2629aR)	1473 (1474bR  0439aR)	1474 (1475bR  0380aR)	1475 (1476bR  1286aR)	1476 (1477bR  1149aR)
1477 (1478bR  0556aR)	1478 (1479bR  1356aR)	1479 (1480bR  1064aR)	1480 (1481bR  3373aR)	1481 (1482bR  1082aR)	1482 (1483bR  3494aR)	1483 (1484bR  2672aR)
1484 (1485bR  0434aR)	1485 (1486bR  1160aR)	1486 (1487bR  3133aR)	1487 (1488bR  3918aR)	1488 (1489bR  3706aR)	1489 (1490bR  2621aR)	

1603 (1604bR| 3973aR) 1604 (1605bR| 2438aR) 1605 (1606bR| 3127aR) 1606 (1607bR| 2949aR) 1607 (1608bR| 2476aR) 1608 (1609bR| 2996aR) 1609 (1610bR| 3438aR)  
1610 (1611bR| 0940aR) 1611 (1612bR| 3132aR) 1612 (1613bR| 4284aR) 1613 (1614bR| 1274aR) 1614 (1615bR| 3593aR) 1615 (1616bR| 1404aR) 1616 (1617bR| 3162aR)  
1617 (1618bR| 3236aR) 1618 (1619bR| 3965aR) 1619 (1620bR| 3714aR) 1620 (1621bR| 3621aR) 1621 (1622bR| 1079aR) 1622 (1623bR| 0520aR) 1623 (1624bR| 0434aR)  
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1666 (1667bR| 4157aR) 1667 (1668bR| 0556aR) 1668 (1669bR| 1285aR) 1669 (1670bR| 1064aR) 1670 (1671bR| 0434aR) 1671 (1672bR| 1116aR) 1672 (1673bR| 1354aR)  
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1778 (1779bR| 0410aR) 1779 (1780bR| 1205aR) 1780 (1781bR| 0622aR) 1781 (1782bR| 3117aR) 1782 (1783bR| 3918aR) 1783 (1784bR| 3738aR) 1784 (1785bR| 3686aR)  
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1820 (1821bR| 3322aR) 1821 (1822bR| 4325aR) 1822 (1823bR| 3068aR) 1823 (1824bR| 3972aR) 1824 (1825bR| 4325aR) 1825 (1826bR| 2440aR) 1826 (1827bR| 2948aR)  
1827 (1828bR| 4325aR) 1828 (1829bR| 2482aR) 1829 (1830bR| 3362aR) 1830 (1831bR| 4212aR) 1831 (1832bR| 1134aR) 1832 (1833bR| 0517aR) 1833 (1834bR| 1362aR)  
1834 (1835bR| 3976aR) 1835 (1836bR| 3402aR) 1836 (1837bR| 0585aR) 1837 (1838bR| 1970aR) 1838 (1839bR| 1321aR) 1839 (1840bR| 1970aR) 1840 (1841bR| 4206aR)  
1841 (1842bR| 2982aR) 1842 (1843bR| 4157aR) 1843 (1844bR| 3918aR) 1844 (1845bR| 3706aR) 1845 (1846bR| 2658aR) 1846 (1847bR| 4137aR) 1847 (1848bR| 1412aR)  
1848 (1849bR| 1094aR) 1849 (1850bR| 1149aR) 1850 (1851bR| 3114aR) 1851 (1852bR| 0570aR) 1852 (1853bR| 3402aR) 1853 (1854bR| 1029aR) 1854 (1855bR| 3238aR)  
1855 (1856bR| 1124aR) 1856 (1857bR| 3453aR) 1857 (1858bR| 4025aR) 1858 (1859bR| 1437aR) 1859 (1860bR| 3114aR) 1860 (1861bR| 1354aR) 1861 (1862bR| 2618aR)  
1862 (1863bR| 1157aR) 1863 (1864aR| 3708aR) 1864 (1865bR| 2986aR) 1865 (1866bR| 1124aR) 1866 (1867bR| 3453aR) 1867 (1868bR| 3834aR) 1868 (1869bR| 3325aR)  
1869 (1870bR| 0948aR) 1870 (1871bR| 3441aR) 1871 (1872bR| 3706aR) 1872 (1873bR| 2653aR) 1873 (1874bR| 3127aR) 1874 (1875bR| 0924aR) 1875 (1876bR| 4013aR)  
1876 (1877bR| 0436aR) 1877 (1878bR| 3194aR) 1878 (1879bR| 3461aR) 1879 (1880bR| 3714aR) 1880 (1881bR| 4134aR) 1881 (1882bR| 0624aR) 1882 (1883bR| 3122aR)  
1883 (1884bR| 1316aR) 1884 (1885bR| 4137aR) 1885 (1886bR| 3706aR) 1886 (1887bR| 2661aR) 1887 (1888bR| 3127aR) 1888 (1889bR| 0924aR) 1889 (1890bR| 4149aR)  
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1897 (1898bR| 1308aR) 1898 (1899bR| 4137aR) 1899 (1900bR| 3708aR) 1900 (1901bR| 3117aR) 1901 (1902bR| 3336aR) 1902 (1903bR| 3197aR) 1903 (1904bR| 0564aR)  
1904 (1905bR| 3194aR) 1905 (1906bR| 3461aR) 1906 (1907bR| 3708aR) 1907 (1908bR| 3114aR) 1908 (1909bR| 3634aR) 1909 (1910bR| 4140aR) 1910 (1911bR| 1189aR)  
1911 (1912bR| 3114aR) 1912 (1913bR| 0570aR) 1913 (1914bR| 3402aR) 1914 (1915bR| 2429aR) 1915 (1916bR| 0426aR) 1916 (1917bR| 3229aR) 1917 (1918bR| 1074aR)  
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1939 (1940bR| 191aR) 1940 (1941bR| 3976aR) 1941 (1942bR| 1076aR) 1942 (1943bR| 3441aR) 1943 (1944bR| 3746aR) 1944 (1945bR| 0613aR) 1945 (1946bR| 3197aR)  
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1953 (1954bR| 2941aR) 1954 (1955bR| 2630aR) 1955 (1956bR| 0612aR) 1956 (1957bR| 3453aR) 1957 (1958bR| 0425aR) 1958 (1959bR| 2085aR) 1959 (1960bR| 2482aR)  
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2002 (2003bR| 1354aR) 2003 (2004bR| 2618aR) 2004 (2005bR| 4206aR) 2005 (2006bR| 2602aR) 2006 (2007bR| 3197aR) 2007 (2008bR| 3182aR) 2008 (2009bR| 0948aR)  
2009 (2010bR| 3511aR) 2010 (2011bR| 0518aR) 2011 (2012bR| 0581aR) 2012 (2013bR| 3738aR) 2013 (2014bR| 3592aR) 2014 (2015bR| 3197aR) 2015 (2016bR| 3706aR)  
2016 (2017bR| 1076aR) 2017 (2018bR| 3494aR) 2018 (2019bR| 2670aR) 2019 (2020bR| 0946aR) 2020 (2021bR| 4151aR) 2021 (2022bR| 3783aR) 2022 (2023bR| 0520aR)  
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2037 (2038bR| 1356aR) 2038 (2039bR| 2950aR) 2039 (2040bR| 0613aR) 2040 (2041bR| 0567aR) 2041 (2042bR| 0520aR) 2042 (2043bR| 1149aR) 2043 (2044bR| 3918aR)  
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2128 (2129bR| 0610aR) 2129 (2130bR| 3362aR) 2130 (2131bR| 1306aR) 2131 (2132bR| 1306aR) 2132 (2133bR| 4137aR) 2133 (2134bR| 2074aR) 2134 (2135bR| 3976aR)  
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2184 (2185bR| 1154aR) 2185 (2186bR| 4093aR) 2186 (2187bR| 2984aR) 2187 (2188bR

2219 (2220bR  1196aR)	2220 (2221bR  4138aR)	2221 (2222bR  1157aR)	2222 (2223bR  3714aR)	2223 (2224bR  4140aR)	2224 (2225bR  4324aR)	2225 (2226bR  3974aR)
2226 (2227bR  0436aR)	2227 (2228bR  3438aR)	2228 (2229bR  2981aR)	2229 (2230bR  3206aR)	2230 (2231bR  3366aR)	2231 (2232bR  0572aR)	2232 (2233bR  4284aR)
2233 (2234bR  1318aR)	2234 (2235bR  3412aR)	2235 (2236bR  3325aR)	2236 (2237bR  2612aR)	2237 (2238bR  3438aR)	2238 (2239bR  0514aR)	2239 (2240bR  3645aR)
2240 (2241bR  1125aR)	2241 (2242bR  0426aR)	2242 (2243bR  3404aR)	2243 (2244bR  3080aR)	2244 (2245bR  1192aR)	2245 (2246bR  3197aR)	2246 (2247bR  0567aR)
2247 (2248bR  0388aR)	2248 (2249bR  3508aR)	2249 (2250bR  3462aR)	2250 (2251bR  1136aR)	2251 (2252bR  3162aR)	2252 (2253bR  4104aR)	2253 (2254bR  3170aR)
2254 (2255bR  4282aR)	2255 (2256bR  1066aR)	2256 (2257bR  4138aR)	2257 (2258bR  1157aR)	2258 (2259bR  3740aR)	2259 (2260bR  1085aR)	2260 (2261bR  3240aR)
2261 (2262bR  3197aR)	2262 (2263bR  0567aR)	2263 (2264bR  3122aR)	2264 (2265bR  1160aR)	2265 (2266bR  3133aR)	2266 (2267bR  3918aR)	2267 (2268bR  3706aR)
2268 (2269bR  2630aR)	2269 (2270bR  3402aR)	2270 (2271bR  2469aR)	2271 (2272bR  1322aR)	2272 (2273bR  3634aR)	2273 (2274bR  4151aR)	2274 (2275bR  3783aR)
2275 (2276bR  0890aR)	2276 (2277bR  3494aR)	2277 (2278bR  2628aR)	2278 (2279bR  4284aR)	2279 (2280bR  0934aR)	2280 (2281bR  1196aR)	2281 (2282bR  3590aR)
2282 (2283bR  3162aR)	2283 (2284bR  4284aR)	2284 (2285bR  1181aR)	2285 (2286bR  1136aR)	2286 (2287bR  0946aR)	2287 (2288bR  1277aR)	2288 (2289bR  3129aR)
2289 (2290bR  1410aR)	2290 (2291bR  2630aR)	2291 (2292bR  1318aR)	2292 (2293bR  2628aR)	2293 (2294bR  3977aR)	2294 (2295bR  1436aR)	2295 (2296bR  3173aR)
2296 (2297bR  3240aR)	2297 (2298bR  1149aR)	2298 (2299bR  0940aR)	2299 (2300bR  3325aR)	2300 (2301bR  3748aR)	2301 (2302bR  2620aR)	2302 (2303bR  3462aR)
2303 (2304bR  2628aR)	2304 (2305bR  3977aR)	2305 (2306bR  1404aR)	2306 (2307bR  3206aR)	2307 (2308bR  2628aR)	2308 (2309bR  3977aR)	2309 (2310bR  1434aR)
2310 (2311bR  3133aR)	2311 (2312bR  1190aR)	2312 (2313bR  2628aR)	2313 (2314bR  3977aR)	2314 (2315bR  1949aR)	2315 (2316bR  2474aR)	2316 (2317bR  4134aR)
2317 (2318bR  1367aR)	2318 (2319bR  1612aR)	2319 (2320bR  0550aR)	2320 (2321bR  3242aR)	2321 (2322bR  4020aR)	2322 (2323bR  3462aR)	2323 (2324bR  1134aR)
2324 (2325bR  0948aR)	2325 (2326bR  3511aR)	2326 (2327bR  3122aR)	2327 (2328bR  1146aR)	2328 (2329bR  4137aR)	2329 (2330bR  3746aR)	2330 (2331bR  3142aR)
2331 (2332bR  3208aR)	2332 (2333bR  3197aR)	2333 (2334bR  0567aR)	2334 (2335bR  0520aR)	2335 (2336bR  3209aR)	2336 (2337bR  1446aR)	2337 (2338bR  0622aR)
2338 (2339bR  2474aR)	2339 (2340bR  3366aR)	2340 (2341bR  0624aR)	2341 (2342bR  0562aR)	2342 (2343bR  1309aR)	2343 (2344bR  3129aR)	2344 (2345bR  1437aR)
2345 (2346bR  3133aR)	2346 (2347bR  3714aR)	2347 (2348bR  3464aR)	2348 (2349bR  4282aR)	2349 (2350bR  2474aR)	2350 (2351bR  3366aR)	2351 (2352bR  0622aR)
2352 (2353bR  0938aR)	2353 (2354bR  3497aR)	2354 (2355bR  1540aR)	2355 (2356bR  3334aR)	2356 (2357bR  3242aR)	2357 (2358bR  4138aR)	2358 (2359bR  1157aR)
2359 (2360bR  3877aR)	2360 (2361bR  2485aR)	2361 (2362bR  3125aR)	2362 (2363bR  3918aR)	2363 (2364bR  3716aR)	2364 (2365bR  0557aR)	2365 (2366bR  3209aR)
2366 (2367bR  2253aR)	2367 (2368bR  1437aR)	2368 (2369bR  1335aR)	2369 (2370bR  0941aR)	2370 (2371bR  3716aR)	2371 (2372bR  0941aR)	2372 (2373bR  0625aR)
2373 (2374bR  1712aR)	2374 (2375bR  3362aR)	2375 (2376bR  3962aR)	2376 (2377bR  1336aR)	2377 (2378bR  1136aR)	2378 (2379bR  1314aR)	2379 (2380bR  1282aR)
2380 (2381bR  1330aR)	2381 (2382bR  1362aR)	2382 (2383bR  4090aR)	2383 (2384bR  3962aR)	2384 (2385bR  4154aR)	2385 (2386bR  4317aR)	2386 (2387bR  3128aR)
2387 (2388bR  0629aR)	2388 (2389bR  4206aR)	2389 (2390bR  1069aR)	2390 (2391bR  3415aR)	2391 (2392bR  1610aR)	2392 (2393bR  2565aR)	2393 (2394bR  0582aR)
2394 (2395bR  3333aR)	2395 (2396bR  2996aR)	2396 (2397bR  3402aR)	2397 (2398bR  2440aR)	2398 (2399bR  0604aR)	2399 (2400bR  4284aR)	2400 (2401bR  1285aR)
2401 (2402bR  1136aR)	2402 (2403bR  2610aR)	2403 (2404bR  1189aR)	2404 (2405bR  3129aR)	2405 (2406bR  1410aR)	2406 (2407bR  2630aR)	2407 (2408bR  1157aR)
2408 (2409bR  2612aR)	2409 (2410bR  1317aR)	2410 (2411bR  3716aR)	2411 (2412bR  2474aR)	2412 (2413bR  3372aR)	2413 (2414bR  4020aR)	2414 (2415bR  3622aR)
2415 (2416bR  2618aR)	2416 (2417bR  4008aR)	2417 (2418bR  2660aR)	2418 (2419bR  4284aR)	2419 (2420bR  2482aR)	2420 (2421bR  1149aR)	2421 (2422bR  2612aR)
2422 (2423bR  1317aR)	2423 (2424bR  3716aR)	2424 (2425bR  3114aR)	2425 (2426bR  3653aR)	2426 (2427bR  2612aR)	2427 (2428bR  1317aR)	2428 (2429bR  3868aR)
2429 (2430bR  3974aR)	2430 (2431bR  1317aR)	2431 (2432bR  0622aR)	2432 (2433bR  2426aR)	2433 (2434bR  3974aR)	2434 (2435bR  3336aR)	2435 (2436bR  3333aR)
2436 (2437bR  2996aR)	2437 (2438bR  3402aR)	2438 (2439bR  2652aR)	2439 (2440bR  4151aR)	2440 (2441bR  0520aR)	2441 (2442bR  2565aR)	2442 (2443bR  1404aR)
2443 (2444bR  0612aR)	2444 (2445bR  4105aR)	2445 (2446bR  1410aR)	2446 (2447bR  0610aR)	2447 (2448bR  4008aR)	2448 (2449bR  3182aR)	2449 (2450bR  0940aR)
2450 (2451bR  3357aR)	2451 (2452bR  3918aR)	2452 (2453bR  3714aR)	2453 (2454bR  2602aR)	2454 (2455bR  4165aR)	2455 (2456bR  0940aR)	2456 (2457bR  3325aR)
2457 (2458bR  3714aR)	2458 (2459bR  3590aR)	2459 (2460bR  3410aR)	2460 (2461bR  2650aR)	2461 (2462bR  3976aR)	2462 (2463bR  3191aR)	2463 (2464bR  0412aR)
2464 (2465bR  1322aR)	2465 (2466bR  3462aR)	2466 (2467bR  2628aR)	2467 (2468bR  3977aR)	2468 (2469bR  1444aR)	2469 (2470bR  1094aR)	2470 (2471bR  0581aR)
2471 (2472bR  2661aR)	2472 (2473bR  0556aR)	2473 (2474bR  1189aR)	2474 (2475bR  2487aR)	2475 (2476bR  0518aR)	2476 (2477bR  2620aR)	2477 (2478bR  4316aR)
2478 (2479bR  1277aR)	2479 (2480bR  0948aR)	2480 (2481bR  3441aR)	2481 (2482bR  3716aR)	2482 (2483bR  3114aR)	2483 (2484bR  4165aR)	2484 (2485bR  0940aR)
2485 (2486bR  3325aR)	2486 (2487bR  3842aR)	2487 (2488bR  3976aR)	2488 (2489bR  4136aR)	2489 (2490bR  4282aR)	2490 (2491bR  0938aR)	2491 (2492bR  3229aR)
2492 (2493bR  3918aR)	2493 (2494bR  3706aR)	2494 (2495bR  2661aR)	2495 (2496bR  0439aR)	2496 (2497bR  0418aR)	2497 (2498bR  3253aR)	2498 (2499bR  0570aR)
2499 (2500bR  3494aR)	2500 (2501bR  2670aR)	2501 (2502bR  0938aR)	2502 (2503bR  1161aR)	2503 (2504bR  1917aR)	2504 (2505bR  2484aR)	2505 (2506bR  4137aR)
2506 (2507bR  3951aR)	2507 (2508bR  2565aR)	2508 (2509bR  0582aR)	2509 (2510bR  3197aR)	2510 (2511bR  0556aR)	2511 (2512bR  1354aR)	2512 (2513bR  2618aR)
2513 (2514bR  3639aR)	2514 (2515bR  2440aR)	2515 (2516bR  0572aR)	2516 (2517bR  1317aR)	2517 (2518bR  4284aR)	2518 (2519bR  3078aR)	2519 (2520bR  4157aR)
2520 (2521bR  1117aR)	2521 (2522bR  0426aR)	2522 (2523bR  3229aR)	2523 (2524bR  3714aR)	2524 (2525bR  3462aR)	2525 (2526bR  3402aR)	2526 (2527bR  2620aR)
2527 (2528bR  4023aR)	2528 (2529bR  0388aR)	2529 (2530bR  3229aR)	2530 (2531bR  0426aR)	2531 (2532bR  3410aR)	2532 (2533bR  2650aR)	2533 (2534bR  3453aR)
2534 (2535bR  3129aR)	2535 (2536bR  2380aR)	2536 (2537bR  2438aR)	2537 (2538bR  1196aR)	2538 (2539bR  3462aR)	2539 (2540bR  1090aR)	2540 (2541bR  4314aR)
2541 (2542bR  1277aR)	2542 (2543bR  0436aR)	2543 (2544bR  3197aR)	2544 (2545bR  3752aR)	2545 (2546bR  3197aR)	2546 (2547bR  3918aR)	2547 (2548bR  3746aR)
2548 (2549bR  3142aR)	2549 (2550bR  1192aR)	2550 (2551bR  3197aR)	2551 (2552bR  0567aR)	2552 (2553bR  1028aR)	2553 (2554bR  4157aR)	2554 (2555bR  2661aR)
2555 (2556bR  0426aR)	2556 (2557bR  3415aR)	2557 (2558bR  1610aR)	2558 (2559bR  0550aR)	2559 (2560bR  3634aR)	2560 (2561bR  4151aR)	2561 (2562bR  0508aR)
2562 (2563bR  3253aR)	2563 (2564bR  0581aR)	2564 (2565bR  2661aR)	2565 (2566bR  3918aR)	2566 (2567bR  3706aR)	2567 (2568bR  2997aR)	2568 (2569bR  1117aR)
2569 (2570bR  3740aR)	2570 (2571bR  1126aR)	2571 (2572bR  3506aR)	2572 (2573bR  4138aR)	2573 (2574bR  1354aR)	2574 (2575bR  2653aR)	2575 (2576bR  0624aR)
2576 (2577bR  2650aR)	2577 (2578bR  4008aR)	2578 (2579bR  3191aR)	2579 (2580bR  1028aR)	2580 (2581bR  3686aR)	2581 (2582bR  1288aR)	2582 (2583bR  3197aR)
2583 (2584bR  3714aR)	2584 (2585bR  4012aR)	2585 (2586bR  4284aR)	2586 (2587bR  1318aR)	2587 (2588bR  1354aR)	2588 (2589bR  0902aR)	2589 (2590bR  0605aR)
2590 (2591bR  3182aR)	2591 (2592bR  0940aR)	2592 (2593bR  3465aR)	2593 (2594bR  1562aR)	2594 (2595bR  1325aR)	2595 (2596bR  0605aR)	2596 (2597bR  3130aR)
2597 (2598bR  4322aR)	2598 (2599bR  3974aR)	2599 (2600bR  1317aR)	2600 (2601bR  0625aR)	2601 (2602bR  1710aR)	2602 (2603bR  0413aR)	2603 (2604bR  1090aR)
2604 (2605bR  4284aR)	2605 (2606bR  1181aR)	2606 (2607bR  1134aR)	2607 (2608bR  0940aR)	2608 (2609bR  3383aR)	2609 (2610bR  0936aR)	2610 (2611bR  0580aR)
2611 (2612bR  3593aR)	2612 (2613bR  2045aR)	2613 (2614bR  2482aR)	2614 (2615bR  2660aR)	2615 (2616bR  4426aR)	2616 (2617bR  0520aR)	2617 (2618bR  1181aR)
2618 (2619bR  3714aR)	2619 (2620bR  3592aR)	2620 (2621bR  1354aR)	2621 (2622bR  2628aR)	2622 (2623bR  4206aR)	2623 (2624bR  2610aR)	2624 (2625bR  1189aR)
2625 (2626bR  0951aR)	2626 (2627bR  2952aR)	2627 (2628bR  0602aR)	2628 (2629bR  1317aR)	2629 (2630bR  4290aR)	2630 (2631bR  0518aR)	2631 (2632bR  3634aR)
2632 (2633bR  4138aR)	2633 (2634bR  1181aR)	2634 (2635bR  1074aR)	2635 (2636bR  1354aR)	2636 (2637bR  2626aR)	2637 (2638bR  4151aR)	2638 (2639bR  0518aR)
2639 (2640bR  3130aR)	2640 (2641bR  4282aR)	2641 (2642bR  0552aR)	2642 (2643bR  0578aR)	2643 (2644bR  3625aR)	2644 (2645bR  2045aR)	2645 (2646bR  2476aR)
2646 (2647bR  2660aR)	2647 (2648bR  4426aR)	2648 (2649bR  2437aR)	2649 (2650bR  0614aR)	2650 (2651bR  3334aR)	2651 (2652bR  1090aR)	2652 (2653bR  3624aR)
2653 (2654bR  0604aR)	2654 (2655bR  4284aR)	2655 (2656bR  1181aR)	2656 (2657bR  0567aR)	2657 (2658bR  2568aR)	2658 (2659bR  0580aR)	2659 (2660bR  1317aR)
2660 (2661bR  4282aR)	2662 (2662bR  0938aR)	2662 (2663bR  3229aR)	2663 (2664bR  3950aR)	2664 (2665bR  0421aR)	2665 (2666bR  2626aR)	2666 (2667bR  3624aR)
2667 (2668bR  0624aR)	2668 (2669bR  0946aR)	2669 (2670bR  1149aR)	2670 (2671bR  3114aR)	2671 (2672bR  1354aR)	2672 (2673bR  0550aR)	2673 (2674bR  3229aR)
2674 (2675bR  1074aR)	2675 (2676bR  1362aR)	2676 (2677bR  2650aR)	2677 (2678bR  4196aR)	2678 (2679bR  4206aR)	2679 (2680bR  3205aR)	2680 (2681bR  0951aR)
2681 (2682bR  3783aR)	2682 (2683bR  1028aR)	2683 (2684bR  3686aR)	2684 (2685bR  3366aR)	2685 (2686bR  0572aR)	2686 (2687bR  4292aR)	2687 (2688bR  1069aR)
2688 (2689bR  0605aR)	2689 (2690bR  3130aR)	2690 (2691bR  3497aR)	2691 (2692bR  2253aR)	2692 (2693bR  1580aR)	2693 (2694bR  2628aR)	2694 (2695bR  3404aR)
2695 (2696bR  3494aR)	2696 (2697bR  3127aR)	2697 (2698bR  1092aR)	2698 (2699bR  3621aR)	2699 (2700bR  3714aR)	2700 (2701bR  3621aR)	2701 (2702bR  1079aR)
2702 (2703bR  2597aR)	2703 (2704bR  2474aR)	2704 (2705bR  1064aR)	2705 (2706bR  3191aR)	2706 (2707bR  0518aR)	2707 (2708bR  3114aR)	2708 (2709bR  1354aR)
2709 (2710bR  2650aR)	2710 (2711bR  1157aR)	2711 (2712bR  3738aR)	2712 (2713bR  1276aR)	2713 (2714bR  3621aR)	2714 (2715bR  2441aR)	2715 (2716bR  1437aR)
2716 (2717bR  2482aR)	2717 (2718bR  1134aR)	2718 (2719bR  0381aR)	2719 (2720bR  2476aR)	2720 (2721bR  3194aR)	2721 (2722bR  3621aR)	

2835 (2836bR  3229aR)	2836 (2837bR  1064aR)	2837 (2838bR  0434aR)	2838 (2839bR  1134aR)	2839 (2840bR  0940aR)	2840 (2841bR  3140aR)	2841 (2842bR  4316aR)
2842 (2843bR  3162aR)	2843 (2844bR  3962aR)	2844 (2845bR  4137aR)	2845 (2846bR  3706aR)	2846 (2847bR  3172aR)	2847 (2848bR  3621aR)	2848 (2849bR  2440aR)
2849 (2850bR  0567aR)	2850 (2851bR  0412aR)	2851 (2852bR  1324aR)	2852 (2853bR  1156aR)	2853 (2854bR  3621aR)	2854 (2855bR  2440aR)	2855 (2856bR  0567aR)
2856 (2857bR  0898aR)	2857 (2858bR  3202aR)	2858 (2859bR  3493aR)	2859 (2860bR  1074aR)	2860 (2861bR  1285aR)	2861 (2862bR  2988aR)	2862 (2863bR  0580aR)
2863 (2864bR  3322aR)	2864 (2865bR  3973aR)	2865 (2866bR  3714aR)	2866 (2867bR  3621aR)	2867 (2868bR  0905aR)	2868 (2869bR  1437aR)	2869 (2870bR  0518aR)
2870 (2871bR  3127aR)	2871 (2872bR  0518aR)	2872 (2873bR  3124aR)	2873 (2874bR  3402aR)	2874 (2875bR  2650aR)	2875 (2876bR  1157aR)	2876 (2877bR  3740aR)
2877 (2878bR  3973aR)	2878 (2879bR  2438aR)	2879 (2880bR  3127aR)	2880 (2881bR  0518aR)	2881 (2882bR  3162aR)	2882 (2883bR  3410aR)	2883 (2884bR  3122aR)
2884 (2885bR  1154aR)	2885 (2886bR  3365aR)	2886 (2887bR  0517aR)	2887 (2888bR  3740aR)	2888 (2889bR  0578aR)	2889 (2890bR  3493aR)	2890 (2891bR  1065aR)
2891 (2892bR  1437aR)	2892 (2893bR  1062aR)	2893 (2894bR  2670aR)	2894 (2895bR  0946aR)	2895 (2896bR  0613aR)	2896 (2897bR  3738aR)	2897 (2898bR  3973aR)
2898 (2899bR  2438aR)	2899 (2900bR  3127aR)	2900 (2901bR  2949aR)	2901 (2902bR  2484aR)	2902 (2903bR  2612aR)	2903 (2904bR  3438aR)	2904 (2905bR  1021aR)
2905 (2906bR  0550aR)	2906 (2907bR  2628aR)	2907 (2908bR  3322aR)	2908 (2909bR  3973aR)	2909 (2910bR  3706aR)	2910 (2911bR  3138aR)	2911 (2912bR  3621aR)
2912 (2913bR  2440aR)	2913 (2914bR  0567aR)	2914 (2915bR  2597aR)	2915 (2916bR  2482aR)	2916 (2917bR  2996aR)	2917 (2918bR  3332aR)	2918 (2919bR  1356aR)
2919 (2920bR  0517aR)	2920 (2921bR  0550aR)	2921 (2922bR  2476aR)	2922 (2923bR  3325aR)	2923 (2924bR  2612aR)	2924 (2925bR  1154aR)	2925 (2926bR  3621aR)
2926 (2927bR  2440aR)	2927 (2928bR  0567aR)	2928 (2929bR  0548aR)	2929 (2930bR  3485aR)	2930 (2931bR  2620aR)	2931 (2932bR  3228aR)	2932 (2933bR  3590aR)
2933 (2934bR  3162aR)	2934 (2935bR  4008aR)	2935 (2936bR  2626aR)	2936 (2937bR  1188aR)	2937 (2938bR  3965aR)	2938 (2939bR  2473aR)	2939 (2940bR  1442aR)
2940 (2941bR  3174aR)	2941 (2942bR  2476aR)	2942 (2943bR  1317aR)	2943 (2944bR  1074aR)	2944 (2945bR  1285aR)	2945 (2946bR  2986aR)	2946 (2947bR  2620aR)
2947 (2948bR  3228aR)	2948 (2949bR  3621aR)	2949 (2950bR  2440aR)	2950 (2951bR  0567aR)	2951 (2952bR  0900aR)	2952 (2953bR  3196aR)	2953 (2954bR  3589aR)
2954 (2955bR  3206aR)	2955 (2956bR  3204aR)	2956 (2957bR  3581aR)	2957 (2958bR  0948aR)	2958 (2959bR  3237aR)	2959 (2960bR  2482aR)	2960 (2961bR  3234aR)
2961 (2962bR  3621aR)	2962 (2963bR  2440aR)	2963 (2964bR  0562aR)	2964 (2965bR  2670aR)	2965 (2966bR  0940aR)	2966 (2967bR  3140aR)	2967 (2968bR  1356aR)
2968 (2969bR  2472aR)	2969 (2970bR  0428aR)	2970 (2971bR  3184aR)	2971 (2972bR  2440aR)	2972 (2973bR  0570aR)	2973 (2974bR  2612aR)	2974 (2975bR  3414aR)
2975 (2976bR  3706aR)	2976 (2977bR  3132aR)	2977 (2978bR  3621aR)	2978 (2979bR  2440aR)	2979 (2980bR  0567aR)	2980 (2981bR  2597aR)	2981 (2982bR  2476aR)
2982 (2983bR  4134aR)	2983 (2984bR  3415aR)	2984 (2985bR  1610aR)	2985 (2986bR  0541aR)	2986 (2987bR  1324aR)	2987 (2988bR  4284aR)	2988 (2989bR  0426aR)
2989 (2990bR  3639aR)	2990 (2991bR  3783aR)	2991 (2992bR  0388aR)	2992 (2993bR  1158aR)	2993 (2994bR  3205aR)	2994 (2995bR  3714aR)	2995 (2996bR  0570aR)
2996 (2997bR  3497aR)	2997 (2998bR  1532aR)	2998 (2999bR  2621aR)	2999 (3000bR  1096aR)	3000 (3001bR  4020aR)	3001 (3002bR  3494aR)	3002 (3003bR  2628aR)
3003 (3004bR  4284aR)	3004 (3005bR  1157aR)	3005 (3006bR  2670aR)	3006 (3007bR  0940aR)	3007 (3008bR  1412aR)	3008 (3009bR  1321aR)	3009 (3010bR  2628aR)
3010 (3011bR  3494aR)	3011 (3012bR  2672aR)	3012 (3013bR  1074aR)	3013 (3014bR  1154aR)	3014 (3015bR  1317aR)	3015 (3016bR  4284aR)	3016 (3017bR  1157aR)
3017 (3018bR  3182aR)	3018 (3019bR  2949aR)	3019 (3020bR  0938aR)	3020 (3021bR  3410aR)	3021 (3022bR  2650aR)	3022 (3023bR  4104aR)	3023 (3024bR  3191aR)
3024 (3025bR  1052aR)	3025 (3026bR  3645aR)	3026 (3027bR  0434aR)	3027 (3028bR  3494aR)	3028 (3029bR  2628aR)	3029 (3030bR  4314aR)	3030 (3031bR  3325aR)
3031 (3032bR  0413aR)	3032 (3033bR  3114aR)	3033 (3034bR  0951aR)	3034 (3035bR  0518aR)	3035 (3036bR  1117aR)	3036 (3037bR  3746aR)	3037 (3038bR  1090aR)
3038 (3039bR  3497aR)	3039 (3040bR  1949aR)	3040 (3041bR  2474aR)	3041 (3042bR  3172aR)	3042 (3043bR  4284aR)	3043 (3044bR  2984aR)	3044 (3045bR  3626aR)
3045 (3046bR  3138aR)	3046 (3047bR  1090aR)	3047 (3048bR  3625aR)	3048 (3049bR  1925aR)	3049 (3050bR  2474aR)	3050 (3051bR  0948aR)	3051 (3052bR  3196aR)
3052 (3053bR  1354aR)	3053 (3054bR  1061aR)	3054 (3055bR  1322aR)	3055 (3056bR  3634aR)	3056 (3057bR  4138aR)	3057 (3058bR  3229aR)	3058 (3059bR  1079aR)
3059 (3060bR  0518aR)	3060 (3061bR  1117aR)	3061 (3062bR  3714aR)	3062 (3063bR  3592aR)	3063 (3064bR  3404aR)	3064 (3065bR  1092aR)	3065 (3066bR  3590aR)
3066 (3067bR  1136aR)	3067 (3068bR  1074aR)	3068 (3069bR  1282aR)	3069 (3070bR  4137aR)	3070 (3071bR  3714aR)	3071 (3072bR  3130aR)	3072 (3073bR  4010aR)
3073 (3074bR  3494aR)	3074 (3075bR  2628aR)	3075 (3076bR  4314aR)	3076 (3077bR  3325aR)	3077 (3078bR  0413aR)	3078 (3079bR  3114aR)	3079 (3080bR  0951aR)
3080 (3081bR  0518aR)	3081 (3082bR  1117aR)	3082 (3083bR  3714aR)	3083 (3084bR  3592aR)	3084 (3085bR  3404aR)	3085 (3086bR  1092aR)	3086 (3087bR  3494aR)
3087 (3088bR  2672aR)	3088 (3089bR  1074aR)	3089 (3090bR  1146aR)	3090 (3091bR  1317aR)	3091 (3092bR  4284aR)	3092 (3093bR  1066aR)	3093 (3094bR  1318aR)
3094 (3095bR  3205aR)	3095 (3096bR  0940aR)	3096 (3097bR  3410aR)	3097 (3098bR  1114aR)	3098 (3099bR  3458aR)	3099 (3100bR  4134aR)	3100 (3101bR  0521aR)
3101 (3102bR  1436aR)	3102 (3103bR  3197aR)	3103 (3104bR  2621aR)	3104 (3105bR  0556aR)	3105 (3106bR  1189aR)	3106 (3107bR  3706aR)	3107 (3108bR  3141aR)
3108 (3109bR  0556aR)	3109 (3110bR  1189aR)	3110 (3111bR  3738aR)	3111 (3112bR  2986aR)	3112 (3113bR  3629aR)	3113 (3114bR  3336aR)	3114 (3115bR  3205aR)
3115 (3116bR  0940aR)	3116 (3117bR  3410aR)	3117 (3118bR  1114aR)	3118 (3119bR  3636aR)	3119 (3120bR  3241aR)	3120 (3121bR  2253aR)	3121 (3122bR  1538aR)
3122 (3123bR  3242aR)	3123 (3124bR  4010aR)	3124 (3125bR  1157aR)	3125 (3126bR  0951aR)	3126 (3127bR  0924aR)	3127 (3128bR  4165aR)	3128 (3129bR  3130aR)
3129 (3130bR  3494aR)	3130 (3131bR  2673aR)	3131 (3132bR  1710aR)	3132 (3133bR  0389aR)	3133 (3134bR  0556aR)	3134 (3135bR  3365aR)	3135 (3136bR  3714aR)
3136 (3137bR  4134aR)	3137 (3138bR  1134aR)	3138 (3139bR  0938aR)	3139 (3140bR  0605aR)	3140 (3141bR  3740aR)	3141 (3142bR  3461aR)	3142 (3143bR  0392aR)
3143 (3144bR  3184aR)	3144 (3145bR  0424aR)	3145 (3146bR  0578aR)	3146 (3147bR  1124aR)	3147 (3148bR  4426aR)	3148 (3149bR  2660aR)	3149 (3150bR  4206aR)
3150 (3151bR  0938aR)	3151 (3152bR  0572aR)	3152 (3153bR  4292aR)	3153 (3154bR  2474aR)	3154 (3155bR  1124aR)	3155 (3156bR  3453aR)	3156 (3157bR  3834aR)
3157 (3158bR  3325aR)	3158 (3159bR  0549aR)	3159 (3160bR  3129aR)	3160 (3161bR  1437aR)	3161 (3162bR  3114aR)	3162 (3163bR  4284aR)	3163 (3164bR  1146aR)
3164 (3165bR  3497aR)	3165 (3166bR  1410aR)	3166 (3167bR  3130aR)	3167 (3168bR  3365aR)	3168 (3169bR  0393aR)	3169 (3170bR  1437aR)	3170 (3171bR  0426aR)
3171 (3172bR  1134aR)	3172 (3173bR  0418aR)	3173 (3174bR  3590aR)	3174 (3175bR  3172aR)	3175 (3176bR  4284aR)	3176 (3177bR  1317aR)	3177 (3178bR  0951aR)
3178 (3179bR  0518aR)	3179 (3180bR  0434aR)	3180 (3181bR  4290aR)	3181 (3182bR  3196aR)	3182 (3183bR  3453aR)	3183 (3184bR  3127aR)	3184 (3185bR  2437aR)
3185 (3186bR  2474aR)	3186 (3187bR  0948aR)	3187 (3188bR  0948aR)	3188 (3189bR  0948aR)	3189 (3190bR  3255aR)	3190 (3191bR  0518aR)	3191 (3192bR  0428aR)
3192 (3193bR  1356aR)	3193 (3194bR  2950aR)	3194 (3195bR  0564aR)	3195 (3196bR  3194aR)	3196 (3197bR  4314aR)	3197 (3198bR  1114aR)	3198 (3199bR  3450aR)
3199 (3200bR  4137aR)	3200 (3201bR  3714aR)	3201 (3202bR  4134aR)	3202 (3203bR  1354aR)	3203 (3204bR  2618aR)	3204 (3205bR  1181aR)	3205 (3206bR  3708aR)
3206 (3207bR  1066aR)	3207 (3208bR  1124aR)	3208 (3209bR  3453aR)	3209 (3210bR  3714aR)	3210 (3211bR  4138aR)	3211 (3212bR  1134aR)	3212 (3213bR  2554aR)
3213 (3214bR  4138aR)	3214 (3215bR  1277aR)	3215 (3216bR  2612aR)	3216 (3217bR  3194aR)	3217 (3218bR  3461aR)	3218 (3219bR  3714aR)	3219 (3220bR  0556aR)
3220 (3221bR  4010aR)	3222 (3223bR  3229aR)	3222 (3223bR  2484aR)	3223 (3224bR  3194aR)	3224 (3225bR  3461aR)	3225 (3226bR  0521aR)	3226 (3227bR  1402aR)
3227 (3228bR  2650aR)	3228 (3229bR  4008aR)	3229 (3230bR  3130aR)	3230 (3231bR  1148aR)	3231 (3232bR  4290aR)	3232 (3233bR  2566aR)	3233 (3234bR  3162aR)
3234 (3235bR  4134aR)	3235 (3236bR  0426aR)	3236 (3237bR  1134aR)	3237 (3238bR  0421aR)	3238 (3239bR  0948aR)	3239 (3240bR  3194aR)	3240 (3241bR  3461aR)
3241 (3242bR  3876aR)	3242 (3243bR  3974aR)	3243 (3244bR  0436aR)	3244 (3245bR  3194aR)	3245 (3246bR  4284aR)	3246 (3247bR  1317aR)	3247 (3248bR  1079aR)
3248 (3249bR  1020aR)	3249 (3250bR  3453aR)	3250 (3251bR  3127aR)	3251 (3252bR  2429aR)	3252 (3253bR  2474aR)	3253 (3254bR  3124aR)	3254 (3255bR  3438aR)
3255 (3256bR  0413aR)	3256 (3257bR  2996aR)	3257 (3258bR  3417aR)	3258 (3259bR  1404aR)	3259 (3260bR  3205aR)	3260 (3261bR  3114aR)	3261 (3262bR  0570aR)
3262 (3263bR  3412aR)	3263 (3264bR  3162aR)	3264 (3265bR  4196aR)	3265 (3266bR  4206aR)	3266 (3267bR  3357aR)	3267 (3268bR  3127aR)	3268 (3269bR  3783aR)
3269 (3270bR  0388aR)	3270 (3271bR  1160aR)	3271 (3272bR  3197aR)	3272 (3273bR  3740aR)	3273 (3274bR  0554aR)	3274 (3275bR  3686aR)	3275 (3276bR  3334aR)
3276 (3277bR  0572aR)	3277 (3278bR  3593aR)	3278 (3279bR  1437aR)	3279 (3280bR  0428aR)	3280 (3281bR  4284aR)	3281 (3282bR  1157aR)	3282 (3283bR  2670aR)
3283 (3284bR  0388aR)	3284 (3285bR  3590aR)	3285 (3286bR  0572aR)	3286 (3287bR  4316aR)	3287 (3288bR  1277aR)	3288 (3289bR  1064aR)	3289 (3290bR  3191aR)
3290 (3291bR  0548aR)	3291 (3292bR  1205aR)	3292 (3293bR  0581aR)	3293 (3294bR  2618aR)	3294 (3295bR  3494aR)	3295 (3296bR  2670aR)	3296 (3297bR  0938aR)
3297 (3298bR  1193aR)	3298 (3299bR  1437aR)	3299 (3300bR  0562aR)	3300 (3301bR  4290aR)	3301 (3302bR  3229aR)	3302 (3303bR  0554aR)	3303 (3304bR  1362aR)
3304 (3305bR  2650aR)	3305 (3306bR  4136aR)	3306 (3307bR  3191aR)	3307 (3308bR  1125aR)	3308 (3309bR  0439aR)	3309 (3310bR  4284aR)	3310 (3311bR  1149aR)
3311 (3312bR  1134aR)	3312 (3313bR  0938aR)	3313 (3314bR  3337aR)	3314 (3315bR  1541aR)	3315 (3316bR  0938aR)	3316 (3317bR  1157aR)	3317 (3318bR  3842aR)
3318 (3319bR  3974aR)	3319 (3320bR  2484aR)	3320 (3321bR  3441aR)	3321 (3322bR  3706aR)	3322 (3323bR  3133aR)	3323 (3324bR  0426aR)	3324 (3325bR  3229aR)
3325 (3326bR  3740aR)	3326 (3327bR  0554aR)	3327 (3328bR  3686aR)	3328 (3329bR  3334aR)	3329 (3330bR  0572aR)	3330 (3331bR  3593aR)	3331 (3332bR  1917aR)
3332 (3333bR  2474aR)	3333 (3334bR  4134aR)	3334 (3335bR  1354aR)	3335 (3336bR  1029aR)	3336 (3337bR  1324aR)	3337 (3338bR  3462aR)	

3451 (3452br 4473ar)	3452 (3453br 4473ar)	3453 (3454br 4473ar)	3454 (3455br 4473ar)	3455 (3456br 4473ar)	3456 (3457br 4473ar)	3457 (3458br 4473ar)
3458 (3459br 4473ar)	3459 (3460br 4473ar)	3460 (3461br 4473ar)	3461 (3462br 4473ar)	3462 (3463br 4473ar)	3463 (3464br 4473ar)	3464 (3465br 4473ar)
3465 (3466br 4473ar)	3466 (3467br 4473ar)	3467 (3468br 4473ar)	3468 (3469br 4473ar)	3469 (3470br 4473ar)	3470 (3471br 4473ar)	3471 (3472br 4473ar)
3472 (3473br 4473ar)	3473 (3474br 4473ar)	3474 (3475br 4473ar)	3475 (3476br 4473ar)	3476 (3477br 4473ar)	3477 (3478br 4473ar)	3478 (3479br 4473ar)
3479 (3480br 4473ar)	3480 (3481br 4473ar)	3481 (3482br 4473ar)	3482 (3483br 4473ar)	3483 (3484br 4473ar)	3484 (3485br 4473ar)	3485 (3486br 4473ar)
3486 (3487br 4473ar)	3487 (3488br 4473ar)	3488 (3489br 4473ar)	3489 (3490br 4473ar)	3490 (3491br 4473ar)	3491 (3492br 4473ar)	3492 (3493br 4473ar)
3493 (3494br 4473ar)	3494 (3495br 4473ar)	3495 (3496br 4473ar)	3496 (3497br 4473ar)	3497 (3498br 4473ar)	3498 (3499br 4473ar)	3499 (3500br 4473ar)
3500 (3501br 4473ar)	3501 (3502br 4473ar)	3502 (3503br 4473ar)	3503 (3504br 4473ar)	3504 (3505br 4473ar)	3505 (3506br 4473ar)	3506 (3507br 4473ar)
3507 (3508br 4473ar)	3508 (3509br 4473ar)	3509 (3510br 4473ar)	3510 (3511br 4473ar)	3511 (3512br 4473ar)	3512 (3513br 4473ar)	3513 (3514br 4473ar)
3514 (3515br 4473ar)	3515 (3516br 4473ar)	3516 (3517br 4473ar)	3517 (3518br 4473ar)	3518 (3519br 4473ar)	3519 (3520br 4473ar)	3520 (3521br 4473ar)
3521 (3522br 4473ar)	3522 (3523br 4473ar)	3523 (3524br 4473ar)	3524 (3525br 4473ar)	3525 (3526br 4473ar)	3526 (3527br 4473ar)	3527 (3528br 4473ar)
3528 (3529br 4473ar)	3529 (3530br 4473ar)	3530 (3531br 4473ar)	3531 (3532br 4473ar)	3532 (3533br 4473ar)	3533 (3534br 4473ar)	3534 (3535br 4473ar)
3535 (3536br 4473ar)	3536 (3537br 4473ar)	3537 (3538br 4473ar)	3538 (3539br 4473ar)	3539 (3540br 4473ar)	3540 (3541br 4473ar)	3541 (3542br 4473ar)
3542 (3543br 4473ar)	3543 (3544br 4473ar)	3544 (3545br 4473ar)	3545 (3546br 4473ar)	3546 (3547br 4473ar)	3547 (3548br 4473ar)	3548 (3549br 4473ar)
3549 (3550br 4473ar)	3550 (3551br 4473ar)	3551 (3552br 4473ar)	3552 (3553br 4473ar)	3553 (3554br 4473ar)	3554 (3555br 4473ar)	3555 (3556br 4473ar)
3556 (3557br 4473ar)	3557 (3558br 4473ar)	3558 (3559br 4473ar)	3559 (3560br 4473ar)	3560 (3561br 4473ar)	3561 (3562br 4473ar)	3562 (3563br 4473ar)
3563 (3564br 4473ar)	3564 (3565br 4473ar)	3565 (3566br 4473ar)	3566 (3567br 4473ar)	3567 (3568br 4473ar)	3568 (3569br 4473ar)	3569 (3570br 4473ar)
3570 (3571br 4473ar)	3571 (3572br 4473ar)	3572 (3573br 4473ar)	3573 (3574br 4473ar)	3574 (3575br 4473ar)	3575 (3576br 4473ar)	3576 (3577br 4473ar)
3577 (3578br 4473ar)	3578 (3579br 4473ar)	3579 (3580br 4473ar)	3580 (3581br 4473ar)	3581 (3582br 4473ar)	3582 (3583br 4473ar)	3583 (3584br 4473ar)
3584 (3585br 4473ar)	3585 (3586br 4473ar)	3586 (3587br 4473ar)	3587 (3588br 4473ar)	3588 (3589br 4473ar)	3589 (3590br 4473ar)	3590 (3591br 4473ar)
3591 (3592br 4473ar)	3592 (3593br 4473ar)	3593 (3594br 4473ar)	3594 (3595br 4473ar)	3595 (3596br 4473ar)	3596 (3597br 4473ar)	3597 (3598br 4473ar)
3598 (3599br 4473ar)	3599 (3600br 4473ar)	3600 (3601br 4473ar)	3601 (3602br 4473ar)	3602 (3603br 4473ar)	3603 (3604br 4473ar)	3604 (3605br 4473ar)
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3612 (3613br 4473ar)	3613 (3614br 4473ar)	3614 (3615br 4473ar)	3615 (3616br 4473ar)	3616 (3617br 4473ar)	3617 (3618br 4473ar)	3618 (3619br 4473ar)
3619 (3620br 4473ar)	3620 (3621br 4473ar)	3621 (3622br 4473ar)	3622 (3623br 4473ar)	3623 (3624br 4473ar)	3624 (3625br 4473ar)	3625 (3626br 4473ar)
3626 (3627br 4473ar)	3627 (3628br 4473ar)	3628 (3629br 4473ar)	3629 (3630br 4473ar)	3630 (3631br 4473ar)	3631 (3632br 4473ar)	3632 (3633br 4473ar)
3633 (3634br 4473ar)	3634 (3635br 4473ar)	3635 (3636br 4473ar)	3636 (3637br 4473ar)	3637 (3638br 4473ar)	3638 (3639br 4473ar)	3639 (3640br 4473ar)
3640 (3641br 44						



4067 (4068bR| 4473aR) 4068 (4069bR| 4473aR) 4069 (4070bR| 4473aR) 4070 (4071bR| 4473aR) 4071 (4072bR| 4473aR) 4072 (4073bR| 4473aR) 4073 (4074bR| 4473aR)  
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4347 (4348bR| 4473aR) 4348 (4349bR| 4473aR) 4349 (4350bR| 4473aR) 4350 (4351bR| 4473aR) 4351 (4352bR| 4473aR) 4352 (4353bR| 4473aR) 4353 (4354bR| 4473aR)  
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4389 (4390bR| 4473aR) 4390 (4391bR| 4473aR) 4391 (4392bR| 4473aR) 4392 (4393bR| 4473aR) 4393 (4394bR| 4473aR) 4394 (4395bR| 4473aR) 4395 (4396bR| 4473aR)  
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4452 (4453bR| 4473aR) 4453 (4454bR| 4473aR) 4454 (4455bR| 4473aR) 4455 (4456bR| 4473aR) 4456 (4457bR| 4473aR) 4457 (4458bR| 4473aR) 4458 (4459bR| 4473aR)  
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4480 (4482aR| 4481aR) 4481 (4483bL| 4481bR) 4482 (4483aL| ERROR-) 4483 (4484aL| 4483bL) 4484 (4485aR| 4484bL) 4485 (4487aR| 4486aR) 4486 (4487bR| 4486bR)  
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4494 (4496aR| 4495aR) 4495 (4497bL| 4495bR) 4496 (4497aL| ERROR-) 4497 (4498aL| 4497bL) 4498 (4499aR| 4498bL) 4499 (4501aR| 4500aR) 4500 (4501bR| 4500bR)  
4501 (4503aR| 4502aR) 4502 (4504bL| 4502bR) 4503 (4504aL| ERROR-) 4504 (4505aL| 4504bL) 4505 (4506aR| 4505bL) 4506 (4508aR| 4507aR) 4507 (4508bR| 4507bR)  
4508 (4510aR| 4509aR) 4509 (4511bL| 4509bR) 4510 (4511aL| ERROR-) 4511 (4512aL| 4511bL) 4512 (4513aR| 4512bL) 4513 (4515aR| 4514aR) 4514 (4515bR| 4514bR)  
4515 (4517aR| 4516aR) 4516 (4518bL| 4516bR) 4517 (4518aL| ERROR-) 4518 (4519aL| 4518bL) 4519 (4520aR| 4519bL) 4520 (4522aR| 4521aR) 4521 (4522bR| 4521bR)  
4522 (4524aR| 4523aR) 4523 (4525bL| 4523bR) 4524 (4525aL| ERROR-) 4525 (4526aL| 4525bL) 4526 (4527aR| 4526bL) 4527 (4529aR| 4528aR) 4528 (4529bR| 4528bR)  
4529 (4531aR| 4530aR) 4530 (4532bL| 4530bR) 4531 (4532aL| ERROR-) 4532 (4533aL| 4532bL) 4533 (4534aR| 4533bL) 4534 (4536aR| 4535aR) 4535 (4536bR| 4535bR)  
4536 (4538aR| 4537aR) 4537 (4539bL| 4537bR) 4538 (4539aL| ERROR-) 4539 (4540aL| 4539bL) 4540 (4541aR| 4540bL) 4541 (4543aR| 4542aR) 4542 (4543bR| 4542bR)  
4543 (4545aR| 4544aR) 4544 (4546bL| 4544bR) 4545 (4546aL| ERROR-) 4546 (4547aL| 4546bL) 4547 (4548aR| 4547bL) 4548 (4550aR| 4549aR) 4549 (4550bR| 4549bR)  
4550 (4552aR| 4551aR) 4551 (4553bL| 4551bR) 4552 (4553aL| ERROR-) 4553 (4554aL| 4553bL) 4554 (4555aR| 4554bR) 4555 (4557aR| 4556aR) 4556 (4557bR| 4556bR)  
4557 (4558aR| 4559aR) 4558 (4560aR| ERROR-) 4559 (4561bR| 4559bR) 4560 (4561aL| ERROR-) 4561 (4562aL| 4561bR) 4562 (4566aR| 4563aL) 4563 (4564aL| 4563bL)  
4564 (4569aL| 4564bL) 4565 (4561aR| 4565bR) 4566 (4567bL| ERROR-) 4567 (4568aL| ERROR-) 4568 (0378aR| 4568aL) 4569 (4571bL| 4570aL) 4570 (4574bL| 4573aL)  
4571 (4574aL| 4574bL) 4572 (4575aR| 4575bR) 4573 (4577bL| 4576aL) 4574 (4577aL| 4577bL) 4575 (4578aR| 4578bR) 4576 (4580bL| 4579aL) 4577 (4580aL| 4580bL)  
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4585 (4589bL| 4588aR) 4586 (4589aL| 4589bL) 4587 (4590aR| 4590bR) 4588 (4592bL| 4591aL) 4589 (4592aL| 4592bL) 4590 (4593aR| 4593bR) 4591 (4593bR| 4594aL)  
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4599 (4602aR| 4602bR) 4599 (4572bR| ERROR-) 4601 (4572aR| 4572bR) 4602 (4603aR| 4603bR) 4603 (4605aR| ERROR-) 4604 (0375aL| ERROR-) 4605 (4606aR| ERROR-)  
4606 (4607aR| 4607bR) 4607 (4608bL| ERROR-) 4608 (4609aL| 4609bL) 4609 (4610aR| 4615bR) 4610 (4611aL| 4613bL) 4611 (4612aL| 4612bL) 4612 (4609aL| 4609bL)  
4613 (4614aL| 4614bL) 4614 (4609aL| 4609bL) 4615 (4616aL| 4618bL) 4616 (4617aL| 4617bL) 4617 (4620aL| 4620bL) 4618 (4619aL| 4619bL) 4619 (4609aL| 4609bL)  
4620 (4612aL| 4624bR) 4621 (4654aR| 4622bL) 4622 (4620aL| 4623bL) 4623 (4620bL| 4626bL) 4624 (4620aL| 4625bL) 4625 (4626aL| 4626aL) 4626 (4609aL| 4609bL)  
4627 (4628aR| 4631bR) 4628 (4627aR| 4629aL) 4629 (4630aR| 4630aR) 4630 (4636aR| 4636bR) 4631 (4632aL| 4634aL) 4632 (4633aR| 4633aR) 4633 (4663aR| 4663bR)  
4634 (4635aR| 4635aR) 4635 (4654aR| 4654bR) 4636 (4637aR| 4640bR) 4637 (4638bL| 4636bR) 4638 (4639aR| 4639aR) 4639 (4641bL| 4643bL) 4640 (4641bL| 4643bL)  
4641 (4642aR| 4642aR) 4642 (4645aR| 4645bR) 4643 (4644aR| 4644aR) 4644 (4654aR| 4654bR) 4645 (4646aR| 4651bR) 4646 (4647aL| 4649aL) 4647 (4648bR| 4648bR)  
4648 (4627aR| 4627bR) 4649 (4650bR| 4650bR) 4650 (4636aR| 4636bR) 4651 (4645aR| 4652aL) 4652 (4653bR| 4653bR) 4653 (4654aR| 4654bR) 4654 (4655aR| 4660bR)  
4655 (4656bL| 4658bL) 4656 (4657bR| 4657bR) 4657 (462

4683 (4684aR| 4687bR) 4684 (4685aL| 4686bL) 4685 (4620a-| 4620b-) 4686 (4620a-| 4620b-) 4687 (4690aR| 4688bL) 4688 (4689aL| 4689bL) 4689 (4672aL| 4672bL)  
4690 (ERROR-| 4691bR) 4691 (4692aR| 4692bR) 4692 (4693aR| 4694bR) 4693 (4697aR| 4692bR) 4694 (4695aL| 4692bR) 4695 (4696aR| 4696aR) 4696 (4702aR| 4702bR)  
4697 (4698aR| 4699bR) 4698 (4697aR| 4692bR) 4699 (4700aL| 4692bR) 4700 (4701aL| 4701bL) 4701 (4705aL| 4705bL) 4702 (4703aR| 4704bR) 4703 (4720aR| 4702bR)  
4704 (4702aR| 4702bR) 4705 (4706aR| 4711bR) 4706 (4707aL| 4709bL) 4707 (4708aL| 4708bL) 4708 (4705aL| 4705bL) 4709 (4710aL| 4710bL) 4710 (4705aL| 4705bL)  
4711 (4712aL| 4714bL) 4712 (4713aL| 4713aL) 4713 (4725aL| 4725bL) 4714 (4715aL| 4715bL) 4715 (4705aL| 4705bL) 4716 (4717aR| 4719bR) 4717 (4718aL| ERROR-)  
4718 (4609a-| 4609b-) 4719 (4736aR| ERROR-) 4720 (4721aR| 4722bR) 4721 (4720aR| 4702bR) 4722 (4723aL| 4702bR) 4723 (4724aL| 4724bL) 4724 (4609aL| 4609bL)  
4725 (4726aR| 4731bR) 4726 (4727aL| 4729bL) 4727 (4728aL| 4728bL) 4728 (4705aL| 4705bL) 4729 (4730aL| 4730bL) 4730 (4705aL| 4705bL) 4731 (4732aL| 4734bL)  
4732 (4733aL| 4733aL) 4733 (4716aL| 4716bL) 4734 (4735aL| 4735bL) 4735 (4705aL| 4705bL) 4736 (4737aR| 4738bR) 4737 (4750aR| 4741bR) 4738 (4739aL| ERROR-)  
4739 (4740aL| 4740bL) 4740 (4774aL| 4774bL) 4741 (4742aR| 4743bR) 4742 (4744aR| 4744bR) 4743 (4744aR| 4744bR) 4744 (4745aR| 4746bR) 4745 (4747aR| 4747bR)  
4746 (4747aR| 4747bR) 4747 (4748aR| 4749bR) 4748 (4761aR| 4761bR) 4749 (4761aR| 4761bR) 4750 (4751aR| 4752bR) 4751 (4772aR| 4753bR) 4752 (ERROR-| 4753bR)  
4753 (4754aR| 4755bR) 4754 (4756aR| 4753bR) 4755 (4753aR| 4753bR) 4756 (4757aR| 4759bR) 4757 (4736aR| 4758bL) 4758 (4761a-| 4761b-) 4759 (ERROR-| 4760bL)  
4760 (4764a-| 4764b-) 4761 (4762aR| 4763bR) 4762 (4736aR| 4761bR) 4763 (4761aR| 4761bR) 4764 (4765aR| 4766bR) 4765 (4767aR| 4764bR) 4766 (4764aR| 4764bR)  
4767 (4768aR| 4770bR) 4768 (4750aR| 4769bL) 4769 (4764a-| 4764b-) 4770 (ERROR-| 4771bL) 4771 (4764a-| 4764b-) 4772 (ERROR-| 4773bR) 4773 (ERROR-| 4736aR)  
4774 (4775aR| 4780bR) 4775 (4776aL| 4778bL) 4776 (4777aL| 4777bL) 4777 (4774aL| 4774bL) 4778 (4779aL| 4779bL) 4779 (4774aL| 4774bL) 4780 (4781aL| 4783bL)  
4781 (4782aL| 4782bL) 4782 (4785aL| 4785bL) 4783 (4784aL| 4784bL) 4784 (4774aL| 4774bL) 4785 (4786aR| 4789bR) 4786 (4819aR| 4787bR) 4787 (4788bL| 4788bL)  
4788 (4785aL| 4785bL) 4789 (4847aR| 4790bL) 4790 (4791aL| 4791aL) 4791 (4774aL| 4774bL) 4792 (4793aR| 4796bR) 4793 (4792aR| 4794aL) 4794 (4795aR| 4795aR)  
4795 (4801aR| 4801bR) 4796 (4797aL| 4799aL) 4797 (4798aR| 4798aR) 4798 (4828aR| 4828bR) 4799 (4800aR| 4800aR) 4800 (4819aR| 4819bR) 4801 (4802aR| 4805bR)  
4802 (4803bL| 4801bR) 4803 (4804aR| 4804aR) 4804 (4792aR| 4792bR) 4805 (4806bL| 4808bL) 4806 (4807aR| 4807aR) 4807 (4810aR| 4810bR) 4808 (4809aR| 4809aR)  
4809 (4819aR| 4819bR) 4810 (4811aR| 4816bR) 4811 (4812aL| 4814aL) 4812 (4813bR| 4813bR) 4813 (4792aR| 4792bR) 4814 (4815bR| 4815bR) 4815 (4801aR| 4801bR)  
4816 (4810aR| 4817aL) 4817 (4818bR| 4818bR) 4818 (4820aR| 4819bR) 4819 (4820aR| 4825bR) 4820 (4821bL| 4823bL) 4821 (4822bR| 4822bR) 4822 (4792aR| 4792bR)  
4823 (4824bR| 4824bR) 4824 (4801aR| 4801bR) 4825 (4826bL| 4819bR) 4826 (4827bR| 4827bR) 4827 (4810aR| 4810bR) 4828 (4829bL| ERROR-) 4829 (4830aL| 4830bL)  
4830 (4831aR| 4836bR) 4831 (4832aL| 4834bL) 4832 (4833aL| 4833bL) 4833 (4830aL| 4830bL) 4834 (4835aL| 4835bL) 4835 (4830aL| 4830bL) 4836 (4837aL| 4839bL)  
4837 (4838aL| 4838bL) 4838 (4841aL| 4841bL) 4839 (4840aL| 4840bL) 4840 (4830aL| 4830bL) 4841 (4842aR| 4845bR) 4842 (4843aL| 4844bL) 4843 (4785a-| 4785b-)  
4844 (4785a-| 4785b-) 4845 (4847aR| 4846bL) 4846 (4830a-| 4830b-) 4847 (ERROR-| 4848bR) 4848 (4849aR| 4849bR) 4849 (4850aR| 4851bR) 4850 (4854aR| 4849bR)  
4851 (4852aL| 4849bR) 4852 (4853aR| 4853aR) 4853 (4862aR| 4862bR) 4854 (4855aR| 4858bR) 4855 (4856aL| 4849b-) 4856 (4849a-| 4849b-) 4857 (4849a-| 4849b-)  
4858 (4859aL| 4861bL) 4859 (4860aL| 4860bL) 4860 (4870aL| 4870bL) 4861 (4849a-| 4849b-) 4862 (4863aR| 4864bR) 4863 (4865aR| 4862bR) 4864 (4862aR| 4862bR)  
4865 (4866aR| 4867bR) 4866 (4865aR| 4862bR) 4867 (4868aR| 4862bR) 4868 (4869aL| 4869bL) 4869 (4774aL| 4774bL) 4870 (4871aR| 4876bR) 4871 (4872aL| 4874bL)  
4872 (4873aL| 4873bL) 4873 (4870aL| 4870bL) 4874 (4875aL| 4875bL) 4875 (4870aL| 4870bL) 4876 (4877aL| 4879bL) 4877 (4878aL| 4878bL) 4878 (4910aL| 4910bL)  
4879 (4880aL| 4880bL) 4880 (4870aL| 4870bL) 4881 (4882aR| 4883bR) 4882 (4919aR| 4919bR) 4883 (4919aR| 4919bR) 4884 (4885bR| ERROR-) 4885 (4886aR| 4886bR)  
4886 (4887aR| 4888bR) 4887 (4886aR| 4886bR) 4888 (4889aR| 4886bR) 4889 (4890bR| ERROR-) 4890 (4891bR| ERROR-) 4891 (4892bL| ERROR-) 4892 (4893aL| 4893bL)  
4893 (4894aR| 4896bR) 4894 (4895aL| ERROR-) 4895 (4899a-| 4899b-) 4896 (4897aL| ERROR-) 4897 (4898aL| 4898bL) 4898 (4893aL| 4893bL) 4899 (4900aR| 4905bR)  
4900 (4901aL| 4903bL) 4901 (4902aL| 4902bL) 4902 (4899aL| 4899bL) 4903 (4904aL| 4904bL) 4904 (4899aL| 4899bL) 4905 (4906aL| 4907bL) 4906 (4907aL| 4907bL)  
4907 (4922aL| 4922bL) 4908 (4909aL| 4909bL) 4909 (4899aL| 4899bL) 4910 (4911aR| 4916bR) 4911 (4912aL| 4914bL) 4912 (4913aL| 4913bL) 4913 (4870aL| 4870bL)  
4914 (4915aL| 4915bL) 4915 (4870aL| 4870bL) 4916 (4881aR| 4917bL) 4917 (4918aL| 4918bL) 4918 (4920aR| 4921bR) 4919 (4920aR| 4921bR) 4920 (4884aR| 4884bR)  
4921 (4884aR| 4884bR) 4922 (4923aR| 4927bR) 4923 (4924aL| 4926bL) 4924 (4925aL| 4925bL) 4925 (4922aL| 4922bL) 4926 (4931a-| 4931b-) 4927 (4928aL| 4930bL)  
4928 (4929aR| 4929aR) 4929 (4922aL| 4922bL) 4930 (4931a-| 4931b-) 4931 (4932aR| 4937bR) 4932 (4933aL| 4935bL) 4933 (4934aL| 4934bL) 4934 (4944aL| 4944bL)  
4935 (4936aL| 4936bL) 4936 (4931aL| 4931bL) 4937 (4938aL| 4940bL) 4938 (4939aL| 4939bL) 4939 (4931aL| 4931bL) 4940 (4941aL| 4941bL) 4941 (4943aL| 4931bL)  
4942 (4943bR| ERROR-) 4943 (4953aR| 4953bR) 4944 (4945aR| 4948bR) 4945 (4942aR| 4946bL) 4946 (4947aL| 4947bL) 4947 (4931aL| 4931bL) 4948 (4949aL| 4951bL)  
4949 (4950aL| 4950bL) 4950 (4931aL| 4931bL) 4951 (4952aL| 4952bL) 4952 (4931aL| 4952bL) 4953 (4954aR| 4959bR) 4954 (4955aL| 4957aL) 4955 (4956aL| 4956bL)  
4956 (4966aL| 4966bL) 4957 (4958bL| 4958bL) 4958 (4962aL| 4962bL) 4959 (ERROR-| 4960aL) 4960 (4961bL| 4961bL) 4961 (4964aL| 4964bL) 4962 (ERROR-| 4963aR)  
4963 (4997bR| ERROR-) 4964 (ERROR-| 4965bR) 4965 (4999bR| ERROR-) 4966 (4967aR| 4970bR) 4967 (4975aR| 4968bL) 4968 (4969aL| 4969bL) 4969 (4966aL| 4966bL)  
4970 (4971aL| 4973bL) 4971 (4972aL| 4972bL) 4972 (4966aL| 4966bL) 4973 (4974aL| 4974bL) 4974 (4966aL| 4966bL) 4975 (4976aL| 4979bR) 4976 (ERROR-| 4977aL)  
4977 (4978bR| 4978bR) 4978 (4983aR| 4983bR) 4979 (4980aL| 4981aL) 4980 (5001a-| 5001b-) 4981 (4982bR| 4982bR) 4982 (4990aR| 4990bR) 4983 (4984aR| 4985bR)  
4984 (ERROR-| 4983bR) 4985 (4986bL| 4988bL) 4986 (4987aR| 4987aR) 4987 (5001aL| 5001bL) 4988 (4989aR| 4989aR) 4989 (4990aR| 4990bR) 4990 (4991aR| 4994bR)  
4991 (ERROR-| 4992bL) 4992 (4993bR| 4993bR) 4993 (4983aR| 4983bR) 4994 (4995bL| 4990bR) 4995 (4996bR| 4996bR) 4996 (5001aL| 5001bL) 4997 (ERROR-| 4998bR)  
4998 (5004aR| 5004bR) 4999 (ERROR-| 5000bR) 5000 (5007aR| 5007bR) 5001 (5002aR| 5003bR) 5002 (5001aR| 5001bR) 5003 (5010aR| 5001bR) 5004 (5005aR| 5006bR)  
5005 (5004aR| 5004bR) 5006 (5017aR| 5004bR) 5007 (5008aR| 5009bR) 5008 (5007aR| 5007bR) 5009 (5026aR| 5007bR) 5010 (5011aR| 5015bR) 5011 (5012aL| 5014bL)  
5012 (5013aL| 5013bL) 5013 (5171aL| 5171bL) 5014 (5062a-| 5062b-) 5015 (ERROR-| 5016bL) 5016 (5062a-| 5062b-) 5017 (5018aR| 5022bR) 5018 (5019aL| 5020aL)  
5019 (5062a-| 5062b-) 5020 (5021bL| 5021bL) 5021 (5024aL| 5024bL) 5022 (ERROR-| 5023bL) 5023 (5062a-| 5062b-) 5024 (ERROR-| 5025aR) 5025 (5035bL| ERROR-)  
5026 (5027aR| 5030bR) 5027 (5028aL| 5029bL) 5028 (5062a-| 5062b-) 5029 (5062a-| 5062b-) 5030 (ERROR-| 5031aL) 5031 (5032bL| 5032bL) 5032 (5033aL| 5033bL)  
5033 (ERROR-| 5034bR) 5034 (5035bL| ERROR-) 5035 (5036aR| 5041bR) 5036 (5037aL| 5039bL) 5037 (5038aL| 5038bL) 5038 (5035aL| 5035bL) 5039 (5040aL| 5040bL)  
5040 (5035aL| 5035bL) 5041 (4953aR| 5042bL) 5042 (5043aL| 5043bL) 5043 (5035aL| 5035bL) 5044 (5045aR| ERROR-) 5045 (5049aR| 5046bR) 5046 (5047aR| 5048bR)  
5047 (5083aR| 5083bR) 5048 (5083aR| 5083bR) 5049 (5050aR| 5053bR) 5050 (5051aL| 5054bR) 5051 (5052bL| 5052bL) 5052 (5073aL| 5073bL) 5053 (ERROR-| 5054bR)  
5054 (5055aR| 5056bR) 5055 (5057aR| 5054bR) 5056 (5054aR| 5054bR) 5057 (5058aR| 5060bR) 5058 (5044aR| 5059bL) 5059 (5062a-| 5062b-) 5060 (ERROR-| 5061bL)  
5061 (5065a-| 5065b-) 5062 (5063aR| 5064bR) 5063 (5044aR| 5062bR) 5064 (5062aR| 5062bR) 5065 (5066aR| 5067bR) 5066 (5068aR| 5065bR) 5067 (5065aR| 5065bR)  
5068 (5069aR| 5071bR) 5069 (5049aR| 5070bL) 5070 (5065a-| 5065b-) 5071 (ERROR-| 5072bL) 5072 (5065a-| 5065b-) 5073 (5074aR| 5079bR) 5074 (5075aL| 5077bL)  
5075 (5076aL| 5076bL) 5076 (5073aL| 5073bL) 5077 (5078aL| 5078bL) 5078 (5073aL| 5073bL) 5079 (5080aL| 5081bL) 5080 (5089a-| 5089b-) 5081 (5082aL| 5082bL)  
5082 (5073aL| 5073bL) 5083 (5084aR| 5085bR) 5084 (5086aR| 5086bR) 5085 (5086aR| 5086bR) 5086 (5087aR| 5088bR) 5087 (5062aR| 5062bR) 5088 (5062aR| 5062bR)  
5089 (5090aR| 5093bR) 5090 (5098aR| 5091bL) 5091 (5092aL| 5092bL) 5092 (5089aL| 5089bL) 5093 (5094aL| 5096bL) 5094 (5095aL| 5095bL) 5095 (5089aL| 5089bL)  
5096 (5097aL| 5097bL) 5097 (5089aL| 5089bL) 5098 (5099aR| 5102bR) 5099 (ERROR-| 5100aL) 5100 (5101aR| 5101aR) 5101 (5107aR| 5107bR) 5102 (5103aL| 5105aL)  
5103 (5104aR| 5104aR) 5104 (5112aL| 5121bL) 5105 (5106aR| 5106aR) 5106 (5114aR| 5114bR) 5107 (5108aR| 5109bR) 5108 (ERROR-| 5107bR) 5109 (5110bL| 5112bL)  
5110 (5111aR| 5111aR) 5111 (5121aL| 5121bL) 5112 (5113aR| 5113aR) 5113 (5114aR| 5114bR) 5114 (5115aR| 5118bR) 5115 (ERROR-| 5116bL) 5116 (5117bR| 5117bR)  
5117 (5107aR| 5107bR) 5118 (5119bL| 5114bR) 5119 (5120bR| 5120bR) 5120 (5121aL| 5121bL) 5121 (5122aR| 5127bR) 5122 (5123aL| 5125bL) 5123 (5124aL| 5124bL)  
5124 (5121aL| 5121bL) 5125 (5126aL| 5126bL) 5126 (5121aL| 5121bL) 5127 (5128aR| 5129bL) 5128 (5131a-| 5131b-) 5129 (5130aL| 5130bL) 5130 (5121aL| 5121bL)  
5131 (5132aR| 5135bR) 5132 (5140aR| 5133bL) 5133 (5134aL| 5134bL) 5134 (5131aL| 5131bL) 5135 (5136aL| 5138bL) 5136 (5137aL| 5137bL) 5137 (5131aL| 5131bL)  
5138 (5139aL| 5139bL) 5139 (5131aL| 5131bL) 5140 (5141aR| 5144bR) 5141 (ERROR-| 5142aL) 5142 (5143bR| 5143bR) 5143 (5148aR| 5148bR) 5144 (5145aL| 5146aL)  
5145 (5162a-| 5162b-) 5146 (5147bR| 5147bR) 5147 (5155aR| 5155bR) 5148 (5149aR| 5150bR) 5149 (ERROR-| 5148bR) 5150 (5151bL| 5153bL) 5151 (5152aR| 5152aR)  
5152 (5162aL| 5162bL) 5153 (5154aR| 5154aR) 5154 (5155aR| 5155bR) 5155 (5156aR| 5159bR) 5156 (ERROR-| 5157bL) 5157 (5158bR| 5158bR) 5158 (5148aR| 5148bR)  
5159 (5160bL| 5155bR) 5160 (5161bR| 5161bR) 5161 (5162aL| 5162bL) 5162 (5163aR| 5168bR) 5163 (5164aL| 5166bL) 5164 (5165aL| 5165bL) 5165 (5162aL| 5162bL)  
5166 (5167aL| 5167bL) 5167 (5162aL| 5162bL) 5168 (4953aR| 5169bL) 5169 (5170aL| 5170bL) 5170 (5172aR| 5175bR) 5171 (5172aR| 5175bR) 5172 (5180aR| 5173bL)  
5173 (5174aL| 5174bL) 5174 (5171aL| 5171bL) 5175 (5176aL| 5178bL) 5176 (5177aL| 5177bL) 5177 (5171aL| 5171bL) 5178 (5179aL| 5179bL) 5179 (5171aL| 5171bL)  
5180 (5181aR| 5184bR) 5181 (ERROR-| 5182aL) 5182 (5183bR| 5183bR) 5183 (5188aR| 5188bR) 5184 (5185aL| 5186aL) 5185 (5020a-| 5202b-) 5186 (5187bR| 5187bR)  
5187 (5195aR| 5195bR) 5188 (5189aR| 5190bR) 5189 (ERROR-| 5188bR) 5190 (5191bL| 5193bL) 5191 (5192aR| 5192aR) 5192 (5020aL| 5020bL) 5193 (5194aR| 5194aR)  
5194 (5195aR| 5195bR) 5195 (5196aR| 5199bR) 5196 (ERROR-| 5197bL) 5197 (5198bR| 5198bR) 5198 (5188aR| 5188bR) 5199 (5200bL| 5195bR) 5200 (5201bR| 5201bR)  
5201 (5202aL| 5202bL) 5202 (5203aR| 5208bR) 5203 (5204aL| 5206bL) 5204 (5205aL| 5205bL) 5205 (5202aL| 5202bL) 5206 (5207aL| 5207bL) 5207 (5202aL| 5202bL)  
5208 (5209aL| 5211bL) 5209 (5210aL| 5210bL) 5210 (5213aL| 5213bL) 5211 (5212aL| 5212bL) 5212 (5202aL| 5202bL) 5213 (5214aR| 5219bR) 5214 (5215aL| 5217bL)  
5215 (5216aL| 5216bL) 5216 (5213aL| 5213bL) 5217 (5218aL| 5218bL) 5218 (5213aL| 5213bL) 5219 (5222aR| 5220bL) 5220 (5221aL| 5221bL) 5221 (5213aL| 5213bL)  
5222 (5223aR| 5226bR) 5223 (5231aR| 5224bL) 5224 (5225aL| 5225bL) 5225 (5222aL| 5222bL) 5226 (5227aL| 5229bL) 5227 (5228aL| 5228bL) 5228 (5222aL| 5222bL)  
5229 (5230aL| 5230bL) 5230 (5222aL| 5222bL) 5231 (5232aR| 5235bR) 5232 (ERROR-| 5233aR) 5233 (5234aR| 5234aR) 5234 (5240aR| 5240bR) 5235 (5236aL| 5238aL)  
5236 (5237aR| 5237aR) 5238 (5239aR| 5239aR) 5239 (5247aL| 5247bL) 5240 (5241aR| 5242bR) 5241 (ERROR-| 5240bR) 5242 (5243bL| 5245bL)  
5243 (5244aR| 5244aR) 5244 (5254aL| 5254bL) 5245 (5246aR| 5246aR) 5246 (5247aR| 5247bR) 5247 (5248aR| 5251bR) 5248 (ERROR-| 5249bL) 5249 (5250bR| 5250bR)  
5250 (5240aR| 5240bR) 5251 (5252bL| 5247bR) 5252 (5253aR| 5253bR) 5253 (5254aL| 5254bL) 5254 (5255aR| 5256bR) 5255 (5256aL| 5256bL) 5256 (5257aL| 5257bL)  
5257 (5302aL| 5302bL) 5258 (5259aL| 5259bL) 5259 (5254aL| 5254bL) 5260 (5261aL| 5263bL) 5261 (5262aL| 5262bL) 5262 (5254aL| 5254bL) 5263 (5264aL| 5264bL)  
5264 (5254aL| 5254bL) 5265 (5266aR| 5270bR) 5266 (5267aL| 5269bL) 5267 (5268aL| 5268bL) 5268 (5265aL| 5265bL) 5269 (5272a-| 5272b-) 5270 (ERROR-| 5271bL)  
5271 (5272a-| 5272b-) 5272 (5273aR| 5278bR) 5273 (5274aL| 5276bL) 5274 (5275bR| 5275bR) 5275 (5283aR| 5283bR) 5276 (5277aL| 5277bL) 5277 (5272aL| 5272bL)  
5278 (5279aL| 5281bL) 5279 (5280aL| 5280bL) 5280 (5272aL| 5272bL) 5281

5299 (5323aR| 5300bL) 5300 (5301aL| 5301bL) 5301 (5293aL| 5293bL) 5302 (5303aR| 5308bR) 5303 (5304aL| 5306bL) 5304 (5305aL| 5305bL) 5305 (5313aL| 5313bL)  
5306 (5307aL| 5307bL) 5307 (5254aL| 5254bL) 5308 (5309aL| 5311bL) 5309 (5310aL| 5310bL) 5310 (5254aL| 5254bL) 5311 (5312aL| 5312bL) 5312 (5254aL| 5254bL)  
5313 (5314aR| 5318bR) 5314 (5315aL| 5316bL) 5315 (5265a-| 5265b-) 5316 (5317aL| 5317bL) 5317 (5254aL| 5254bL) 5318 (5319aL| 5321bL) 5319 (5320aL| 5320bL)  
5320 (5254aL| 5254bL) 5321 (5322aL| 5322bL) 5322 (5254aL| 5254bL) 5323 (5324aR| 5329bR) 5324 (5325aL| 5327aL) 5325 (5326aL| 5326bL) 5326 (5336aL| 5336bL)  
5327 (5328bL| 5328bL) 5328 (5332aL| 5332bL) 5329 (ERROR-| 5330aL) 5330 (5331bL| 5331bL) 5331 (5334aL| 5334bL) 5332 (ERROR-| 5333aR) 5333 (5367bR| ERROR-)  
5334 (ERROR-| 5335bR) 5335 (5369bR| ERROR-) 5336 (5337aR| 5330bR) 5337 (5338aR| 5338bL) 5338 (5339aL| 5339bL) 5339 (5336aL| 5336aL) 5340 (5341aL| 5343bL)  
5341 (5342aL| 5342bL) 5342 (5336aL| 5336bL) 5343 (5344aL| 5344bL) 5344 (5336aL| 5336bL) 5345 (5346aR| 5349bR) 5346 (ERROR-| 5347aL) 5347 (5348bR| 5348bR)  
5348 (5353aR| 5353bR) 5349 (5350aL| 5351aL) 5350 (5371a-| 5371b-) 5351 (5352bR| 5352bR) 5352 (5360aR| 5360bR) 5353 (5354aR| 5355bR) 5354 (ERROR-| 5353bR)  
5355 (5356bL| 5358bL) 5356 (5357aR| 5357aR) 5357 (5371aL| 5371bL) 5358 (5359aR| 5359aR) 5359 (5360aR| 5360bR) 5360 (5361aR| 5364bR) 5361 (ERROR-| 5362bL)  
5362 (5363bR| 5363bR) 5363 (5353aR| 5353bR) 5364 (5365bL| 5360bR) 5365 (5366bR| 5366bR) 5366 (5371aL| 5371bL) 5367 (ERROR-| 5368bR) 5368 (5374aR| 5374bR)  
5369 (ERROR-| 5370bR) 5370 (5377aR| 5377bR) 5371 (5372aR| 5373bR) 5372 (5371aR| 5371bR) 5373 (5380aR| 5371bR) 5374 (5375aR| 5376bR) 5375 (5374aR| 5374bR)  
5376 (5387aR| 5374bR) 5377 (5378aR| 5379bR) 5378 (5377aR| 5377bR) 5379 (5396aR| 5377bR) 5380 (5381aR| 5385bR) 5381 (5382aL| 5384bL) 5382 (5383aL| 5383bL)  
5383 (5540aL| 5540bL) 5384 (5414a-| 5414b-) 5385 (ERROR-| 5386bL) 5386 (5414a-| 5414b-) 5387 (5388aR| 5392bR) 5388 (5389aL| 5390aL) 5389 (5414a-| 5414b-)  
5390 (5391bL| 5391bL) 5391 (5394aL| 5394bL) 5392 (ERROR-| 5393bL) 5393 (5414a-| 5414b-) 5394 (ERROR-| 5395aR) 5395 (5405bL| ERROR-) 5396 (5397aR| 5400bR)  
5397 (5398aL| 5399bL) 5398 (5414a-| 5414b-) 5399 (5414a-| 5414b-) 5400 (ERROR-| 5401aL) 5401 (5402bL| 5402bL) 5402 (5403aL| 5403bL) 5403 (ERROR-| 5404bR)  
5404 (5405bL| ERROR-) 5405 (5406aR| 5411bR) 5406 (5407aL| 5409bL) 5407 (5408aL| 5408bL) 5408 (5405aL| 5405bL) 5409 (5410aL| 5410bL) 5410 (5405aL| 5405bL)  
5411 (5323aR| 5412bL) 5412 (5413aL| 5413bL) 5413 (5405aL| 5405bL) 5414 (5415aR| 5416bR) 5415 (5424aR| 5414bR) 5416 (5414aR| 5414bR) 5417 (5418aR| ERROR-)  
5418 (5419aL| 5421bR) 5419 (5420bL| 5420bL) 5420 (5422aL| 5442bL) 5421 (5422aR| 5423bR) 5422 (5452aR| 5452bR) 5423 (5452aR| 5452bR) 5424 (5425aR| 5427bR)  
5425 (5417aR| 5426bL) 5426 (5429a-| 5429b-) 5427 (ERROR-| 5428bL) 5428 (5432a-| 5432b-) 5429 (5430aR| 5431bR) 5430 (5417aR| 5429bR) 5431 (5429aR| 5429bR)  
5432 (5433aR| 5434bR) 5433 (5435aR| 5432bR) 5434 (5432aR| 5432bR) 5435 (5436aR| 5440bR) 5436 (5437aL| 5439bL) 5437 (5438bR| 5438bL) 5438 (5442aL| 5442bL)  
5439 (5432a-| 5432b-) 5440 (ERROR-| 5441bL) 5441 (5432a-| 5432b-) 5442 (5443aR| 5448bR) 5443 (5444aL| 5446bL) 5444 (5445aL| 5445bL) 5445 (5442aL| 5442bL)  
5446 (5447aL| 5447bL) 5447 (5442aL| 5442bL) 5448 (5449aL| 5450bL) 5449 (5458a-| 5458b-) 5450 (5451aL| 5451bL) 5451 (5442aL| 5442bL) 5452 (5453aR| 5454bR)  
5453 (5455aR| 5455bR) 5454 (5455aR| 5455bR) 5455 (5456aR| 5457bR) 5456 (5429aR| 5429bR) 5457 (5429aR| 5429bR) 5458 (5459aR| 5462bR) 5459 (5467aR| 5460bL)  
5460 (5461aL| 5461bL) 5461 (5458aL| 5458bL) 5462 (5463aL| 5465bL) 5463 (5464aL| 5464bL) 5464 (5458aL| 5458bL) 5465 (5466aL| 5466bL) 5466 (5458aL| 5458bL)  
5467 (5468aR| 5471bR) 5468 (ERROR-| 5469aL) 5469 (5470aR| 5470aR) 5470 (5476aR| 5476bR) 5471 (5472aL| 5474aL) 5472 (5473aL| 5473aR) 5473 (5490aL| 5490bL)  
5474 (5475aR| 5475aR) 5475 (5483aR| 5483bR) 5476 (5477aR| 5478bR) 5477 (ERROR-| 5476bR) 5478 (5479bL| 5481bL) 5479 (5480aR| 5480aR) 5480 (5490aL| 5490bL)  
5481 (5482aR| 5482aR) 5482 (5483aR| 5483bR) 5483 (5484aR| 5487bR) 5484 (ERROR-| 5485bL) 5485 (5486bR| 5486bR) 5486 (5476aR| 5476bR) 5487 (5488bL| 5483bR)  
5488 (5489bR| 5489bR) 5489 (5490aL| 5490bL) 5490 (5491aR| 5496bR) 5491 (5492aL| 5494bL) 5492 (5493aL| 5493bL) 5493 (5490aL| 5490bL) 5494 (5495aL| 5495bL)  
5495 (5490aL| 5490bL) 5496 (5497aL| 5498bL) 5497 (5500a-| 5500b-) 5498 (5499aL| 5499bL) 5499 (5490aL| 5490bL) 5500 (5501aR| 5504bR) 5501 (5509aR| 5502bL)  
5502 (5503aL| 5503bL) 5503 (5505aL| 5505bL) 5504 (5505aL| 5507bL) 5505 (5506aL| 5506bL) 5506 (5508aL| 5508bL) 5507 (5508aL| 5508bL) 5508 (5500aL| 5500bL)  
5509 (5510aR| 5513bR) 5510 (ERROR-| 5511aL) 5511 (5512bR| 5512bR) 5512 (5517aR| 5517bR) 5513 (5514aL| 5515aL) 5514 (5531a-| 5531b-) 5515 (5516bR| 5516bR)  
5516 (5524aR| 5524bR) 5517 (5518aR| 5519bR) 5518 (ERROR-| 5517bR) 5519 (5520bL| 5522bL) 5520 (5521aR| 5521aR) 5521 (5531bL| 5531bL) 5522 (5538aL| 5523bR)  
5523 (5524aR| 5524bR) 5524 (5525aR| 5528bR) 5525 (ERROR-| 5526bL) 5526 (5527bR| 5527bR) 5527 (5517aR| 5517bR) 5528 (5529bL| 5524bR) 5529 (5530bR| 5530bR)  
5530 (5531aL| 5531bL) 5531 (5532aL| 5537bR) 5532 (5533aL| 5535bL) 5533 (5534aL| 5534bL) 5534 (5531aL| 5531bL) 5535 (5536aL| 5536bL) 5536 (5531aL| 5531bL)  
5537 (5323aR| 5538bL) 5538 (5539aL| 5539bL) 5539 (5531aL| 5531bL) 5540 (5541aR| 5544bR) 5541 (5549aR| 5542bL) 5542 (5543aL| 5543bL) 5543 (5540aL| 5540bL)  
5544 (5545aL| 5547bL) 5545 (5546aL| 5546bL) 5546 (5540aL| 5540bL) 5547 (5548aR| 5548bR) 5548 (5540aL| 5540bL) 5549 (5550aR| 5553bR) 5550 (ERROR-| 5551aL)  
5551 (5552bR| 5552bR) 5552 (5557aR| 5557bR) 5553 (5554aR| 5555bR) 5554 (5557a-| 5571b-) 5555 (5556bR| 5556bR) 5556 (5564aL| 5564bR) 5557 (5558aR| 5559bR)  
5558 (ERROR-| 5557bR) 5559 (5560bL| 5562bL) 5560 (5561aR| 5561aR) 5561 (5571aL| 5571bL) 5562 (5563aR| 5563aR) 5563 (5564aR| 5564bR) 5564 (5565aR| 5568bR)  
5565 (ERROR-| 5566bL) 5566 (5567bR| 5567bR) 5567 (5557aR| 5557bR) 5568 (5569bL| 5564bR) 5569 (5570bR| 5570bR) 5570 (5571aL| 5571bL) 5571 (5572aR| 5577bR)  
5572 (5573aL| 5575bL) 5573 (5574aL| 5574bL) 5574 (5571aL| 5571bL) 5575 (5576aL| 5576bL) 5576 (5571aL| 5571bL) 5577 (5578aL| 5580bL) 5578 (5579aL| 5579bL)  
5579 (5582aL| 5582bL) 5580 (5581aL| 5581bL) 5581 (5571aL| 5571bL) 5582 (5583aR| 5588bR) 5583 (5584aL| 5586bL) 5584 (5585aL| 5585bL) 5585 (5582aL| 5582bL)  
5586 (5587aL| 5587bL) 5587 (5582aL| 5582bL) 5588 (5591aR| 5598bL) 5589 (5590aL| 5590bL) 5590 (5582aL| 5582bL) 5591 (5582aL| 5582bL) 5592 (5600aR| 5593bL)  
5593 (5594aL| 5594bL) 5594 (5591aL| 5591bL) 5595 (5596aL| 5598bL) 5596 (5597aL| 5597bL) 5597 (5591aL| 5591bL) 5598 (5599aL| 5599bL) 5599 (5591aL| 5591bL)  
5600 (5601aR| 5604bR) 5601 (ERROR-| 5602aL) 5602 (5603aR| 5603aR) 5603 (5609aR| 5609bR) 5604 (5605aL| 5607aL) 5605 (5605aL| 5606aR) 5606 (5623aL| 5623bL)  
5607 (5608aR| 5608aR) 5608 (5616aR| 5616bR) 5609 (5610aR| 5611bR) 5610 (ERROR-| 5609bR) 5611 (5612bL| 5614bL) 5612 (5613aR| 5613aR) 5613 (5623aL| 5623bL)  
5614 (5615aR| 5615aR) 5615 (5616aR| 5616bR) 5616 (5617aR| 5620bR) 5617 (ERROR-| 5618bL) 5618 (5619bR| 5619bR) 5619 (5609aR| 5609aR) 5620 (5621bL| 5616bR)  
5621 (5622bR| 5622bR) 5622 (5623aL| 5623bL) 5623 (5624aR| 5625bR) 5624 (5626aR| 5626bR) 5625 (5626aR| 5626bR) 5626 (5627aR| 5628bR) 5627 (5629aR| 5626bR)  
5628 (5626aR| 5626bR) 5629 (5630bR| ERROR-) 5630 (5631aL| 5631bL) 5631 (5632aR| 5633bR) 5632 (5631aR| 5631bR) 5633 (5631aR| 5634bL) 5634 (5635a-| 5635b-)  
5635 (5636aR| 5637bR) 5636 (5668aR| 5635bR) 5637 (5635aR| 5635bR) 5638 (5639aR| ERROR-) 5639 (5703bR| ERROR-) 5640 (5564aL| 5646bR) 5641 (5642aL| 5642bL)  
5642 (5643aL| 5643bL) 5643 (5640aL| 5640bL) 5644 (5645aL| 5645bL) 5645 (5640aL| 5640bL) 5646 (5649aR| 5647bL) 5647 (5648aL| 5648bL) 5648 (5640aL| 5640bL)  
5649 (5650aR| ERROR-) 5650 (5651aL| 5652aL) 5651 (5654a-| 5654b-) 5652 (5653aR| 5653aR) 5653 (5703aL| 5703bL) 5654 (5555aR| 5656bR) 5655 (5654aR| 5654bR)  
5656 (5657aL| 5654bR) 5657 (5658aR| 5658aR) 5658 (5659aR| 5659bR) 5659 (5660aR| 5661bR) 5660 (5662aR| 5659bR) 5661 (5659aR| 5659bR) 5662 (5663aR| 5667bR)  
5663 (5664aL| 5665aR) 5664 (8088a-| 8088b-) 5665 (5666bL| 5666bL) 5666 (5740aL| 5740bL) 5667 (ERROR-| 7291bR) 5668 (5669aR| 5670bR) 5669 (5671aR| 5635bR)  
5670 (5635aR| 5635bR) 5671 (5672aR| 5675bR) 5672 (5673aL| 5635bR) 5673 (5674bR| 5674bR) 5674 (5638aR| 5638bR) 5675 (5635aR| 5635bR) 5676 (5677aR| 5680bR)  
5677 (5678bL| 5676bR) 5678 (5679aR| 5679aR) 5679 (5703aR| 5703bR) 5680 (5681bL| 5683bL) 5681 (5682aR| 5682aR) 5682 (5685aR| 5685bR) 5683 (5684aR| 5684aR)  
5684 (5694aR| 5694bR) 5685 (5686aR| 5691bR) 5686 (5687aL| 5689aL) 5687 (5688bR| 5688bR) 5688 (5703aR| 5703bR) 5689 (5690bR| 5690bR) 5690 (5676aR| 5676bR)  
5691 (5712aR| 5692aL) 5692 (5693bR| 5693bR) 5693 (5694aR| 5694bR) 5694 (5695aR| 5700bR) 5695 (5696bL| 5698bL) 5696 (5697bR| 5697bR) 5697 (5703aR| 5703bR)  
5698 (5699bR| 5699bR) 5699 (5676aR| 5676bR) 5700 (5701bL| 5694bR) 5701 (5702bR| 5702bR) 5702 (5685aR| 5685bR) 5703 (5704aR| 5707bR) 5704 (5703aR| 5705aL)  
5705 (5706aR| 5706aR) 5706 (5676aR| 5676bR) 5707 (5708aL| 5710aL) 5708 (5709aR| 5709aR) 5709 (5685aR| 5685bR) 5710 (5711aR| 5711aR) 5711 (5694aR| 5694bR)  
5712 (5713aR| 5718bR) 5713 (5714aL| 5716aL) 5714 (5715bR| 5715bR) 5715 (5703aR| 5703bR) 5716 (5717bR| 5717bR) 5717 (5676aR| 5676bR) 5718 (5721aR| 5719aR)  
5719 (5720bR| 5720bR) 5720 (5722aR| 5694bR) 5721 (5722bR| ERROR-) 5722 (5723aL| 5723bL) 5723 (5724aR| 5726bR) 5724 (5725aR| 5725bR) 5725 (5729a-| 5729b-)  
5726 (5727aL| ERROR-) 5727 (5728aL| 5728bL) 5728 (5723aL| 5723bL) 5729 (5730aR| 5735bR) 5730 (5731aL| 5733bL) 5731 (5732aL| 5732bL) 5732 (5729aL| 5729bL)  
5733 (5734aL| 5734bL) 5734 (5729aL| 5729bL) 5735 (5736aL| 5738bL) 5736 (5737aL| 5737bL) 5737 (5640aL| 5640bL) 5738 (5739aL| 5739bL) 5739 (5729aL| 5729bL)  
5740 (5741aR| 5746bR) 5741 (5742aL| 5744bL) 5742 (5743aL| 5743bL) 5743 (5740aL| 5740bL) 5744 (5745aL| 5745bL) 5745 (5740aL| 5740bL) 5746 (5747aL| 5749bL)  
5747 (5748aR| 5748aR) 5748 (5751aL| 5751bL) 5749 (5750aL| 5750bL) 5750 (5740aL| 5740bL) 5751 (5752aR| 5753bR) 5752 (5751aR| 5751bR) 5753 (5754aR| 5751bR)  
5754 (5755aR| 5760bR) 5755 (5756aL| 5758aL) 5756 (5757aL| 5757bL) 5757 (5794aL| 5794bL) 5758 (5759bL| 5759bL) 5759 (5763aL| 5763bL) 5760 (ERROR-| 5761aL)  
5761 (5762bL| 5762bL) 5762 (5765aL| 5765bL) 5763 (ERROR-| 5764aR) 5764 (5769bL| ERROR-) 5765 (ERROR-| 5766bR) 5766 (5780bL| ERROR-) 5767 (5768bR| ERROR-)  
5768 (5791aR| 5791bR) 5769 (5770aR| 5775bR) 5770 (5771aL| 5773bL) 5771 (5772aL| 5772bL) 5772 (5769aL| 5769bL) 5773 (5774aL| 5774bL) 5774 (5769aR| 5769bL)  
5775 (5776bL| 5778bL) 5776 (5777aR| 5777aR) 5777 (5767aR| 5767bR) 5778 (5779aL| 5779bL) 5779 (5769aL| 5769bL) 5780 (5781aR| 5786bR) 5781 (5782aL| 5784bL)  
5782 (5783aL| 5783bL) 5783 (5780aL| 5780bL) 5784 (5785aL| 5785bL) 5785 (5780aL| 5780bL) 5786 (5787bL| 5789bL) 5787 (5788bR| 5788bR) 5788 (5767aR| 5767bR)  
5789 (5790aL| 5790bL) 5790 (5780aL| 5780bL) 5791 (5792aR| 5793bR) 5792 (5791aR| 5791bR) 5793 (5754aR| 5791bR) 5794 (5795aR| 5798bR) 5795 (5803aR| 5796bL)  
5796 (5797aL| 5797bL) 5797 (5794aL| 5794bL) 5798 (5799aL| 5801bL) 5799 (5800aL| 5800bL) 5800 (5794aL| 5794bL) 5801 (5802aL| 5802bL) 5802 (5794aL| 5794bL)  
5803 (5804aR| 5805bR) 5804 (ERROR-| 5810bR) 5805 (5806bL| 5808bR) 5806 (5807aR| 5807aR) 5807 (5824aL| 5824bL) 5808 (5809aR| 5809aR) 5809 (5817aR| 5817bR)  
5810 (5811aR| 5812bR) 5811 (ERROR-| 5810bR) 5812 (5813bL| 5815bL) 5813 (5814aR| 5814aR) 5814 (5824aL| 5824bL) 5815 (5816aR| 5816aR) 5816 (5817aR| 5817bR)  
5817 (5818aR| 5821bR) 5818 (ERROR-| 5819bL) 5819 (5820bR| 5820bR) 5820 (5810aR| 5810bR) 5821 (5822bL| 5817bR) 5822 (5823bR| 5823bR) 5823 (5824aL| 5824bL)  
5824 (5825aR| 5828bR) 5825 (5826aL| 5824bR) 5826 (5827bL| 5827bL) 5827 (5829aR| 5829bL) 5828 (5824aR| 5824bR) 5829 (5830aR| 5835bR) 5830 (5831aL| 5833bL)  
5831 (5832aL| 5832bL) 5832 (5829aL| 5829bL) 5833 (5834aL| 5834bL) 5834 (5829aL| 5829bL) 5835 (5838aR| 5836bL) 5836 (5837aL| 5837bL) 5837 (5829aL| 5829bL)  
5838 (5839aR| 5840bR) 5839 (5838aR| 5838bR) 5840 (5838aR| 5841bL) 5841 (5842a-| 5842b-) 5842 (5843aR| 5844bR) 5843 (5871aR| 5842bR) 5844 (5842aR| 5842bR)  
5845 (5846aL| ERROR-) 5846 (5847aL| 5847bL) 5847 (5848aR| 5853bR) 5848 (5849aL| 5851bL) 5849 (5850aL| 5850bL) 5850 (5879aL| 5879bL) 5851 (5852aL| 5852bL)  
5852 (5847aL| 5847bL) 5853 (5854aL| 5855bL) 5854 (5855aL| 5855bL) 5855 (5847aL| 5847bL) 5856 (5847aL| 5847bL) 5857 (5859bL| ERROR-)  
5859 (5860aL| 5860bL) 5860 (5861aR| 5866bR) 5861 (5862aL| 5864bL) 5862 (5863aL| 5863bL) 5863 (5860aL| 5860bL) 5864 (5865aL| 5865bL) 5865 (5860aL| 5860bL)  
5866 (5867aL| 5869bL) 5867 (5868aL| 5868bL) 5868 (5888aR| 5888bL) 5869 (5870aL| 5870bL) 5870 (5860aL| 5860bL) 5871 (5872aR| 5873bR) 5872 (5873aR| 5842bR)  
5873 (5842aR| 5842bR) 5874 (5875aR| 5878bR) 5875 (5876aL| 5842bR) 5876 (5877aL| 5877bL) 5877 (5845aL| 5845bL) 5878 (5842aR| 5842bR) 5879 (5880aR| 5883bR)  
5880 (5858aR| 5881bL) 5881 (5882aL| 5882bL) 5882 (5847aL| 5847bL) 5883 (5884aL| 5886bL) 5884 (5885aL| 5885bL) 5885 (5847aL| 5847bL) 5886 (5887aL| 5887bL)  
5887 (5847aL| 5847bL) 5888 (5895aR| 5892bR) 5889 (5896aR| 5890bL) 5890 (5891bR| 5891bR) 5891 (5902aL| 5902bL) 5892 (5894aR| 5894aL) 5893 (5895aR| 5895aL)  
5894 (5888aR| 5888bL) 5895 (5896aR| 5899bR) 58

5915 (5916aR| 5921bR) 5916 (5917aL| 5919bL) 5917 (5918aL| 5918bL) 5918 (5915aL| 5915bL) 5919 (5920aL| 5920bL) 5920 (5915aL| 5915bL) 5921 (5922aL| 5924bL)  
5922 (5923aL| 5923bL) 5923 (5888aL| 5888bL) 5924 (5925aL| 5925bL) 5925 (5915aL| 5915bL) 5926 (5927aR| 5932bR) 5927 (5928aR| 5930bL) 5928 (5929aL| 5929bL)  
5929 (5929aL| 5926bL) 5930 (5931aL| 5931bL) 5931 (5926aL| 5926bL) 5932 (5933aL| 5933bL) 5933 (5934aL| 5934bL) 5934 (5984aL| 5984bL) 5935 (5936aL| 5936bL)  
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5943 (5944aL| 5944bL) 5944 (5937aL| 5937bL) 5945 (5946a-| 5946b-) 5946 (5947aR| 5951bR) 5947 (5948aL| 5949bL) 5948 (5956a-| 5956b-) 5949 (5950aL| 5950bL)  
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5964 (5965a-| 5965b-) 5965 (5966aR| 5971bR) 5966 (5967aL| 5969bL) 5967 (5968bR| 5968bR) 5968 (5976aL| 5976bL) 5969 (5970aL| 5970bL) 5970 (5965aL| 5965bL)  
5971 (5972aL| 5974bL) 5972 (5973aL| 5973bL) 5973 (5965aL| 5965bL) 5974 (5975aL| 5975bL) 5975 (5965aL| 5965bL) 5976 (5977aR| 5978bR) 5977 (5976aR| 5976bR)  
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5985 (5986aL| 5988bL) 5986 (5987aL| 5987bL) 5987 (5926aL| 5926bL) 5988 (5989aL| 5989bL) 5989 (5926aL| 5926bL) 5990 (5991aL| 5993bL) 5991 (5992aL| 5992bL)  
5992 (5937aL| 5937bL) 5993 (5994aL| 5994bL) 5994 (5926aL| 5926bL) 5995 (5996aR| 5997bR) 5996 (5976aR| 5976bR) 5997 (5979aR| 5976bR) 5998 (5999aR| 6004bR)  
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6013 (6014aL| 6016bL) 6014 (6015aL| 6015bL) 6015 (6007aL| 6007bL) 6016 (6017aL| 6017bL) 6017 (6007aL| 6007bL) 6018 (6019aR| 6024bR) 6019 (6020aL| 6022bL)  
6020 (6021aL| 6021bL) 6021 (6018aL| 6018bL) 6022 (6023aL| 6023bL) 6023 (6018aL| 6018bL) 6024 (6025aL| 6027bL) 6025 (6026aL| 6026bL) 6026 (6087aL| 6087bL)  
6027 (6028aL| 6028bL) 6028 (6018aL| 6018bL) 6029 (6030aR| 6034bR) 6030 (6031aL| 6033bL) 6031 (6032aL| 6032bL) 6032 (6029aL| 6029bL) 6033 (6045a-| 6045b-)  
6034 (6035aL| 6037bL) 6035 (6036aL| 6036bL) 6036 (6037aL| 6038bL) 6037 (6045a-| 6045b-) 6038 (6039aR| 6043bR) 6039 (6040aL| 6042bL) 6040 (6041aL| 6041bL)  
6041 (6038aL| 6038bL) 6042 (6055a-| 6055b-) 6043 (ERROR-| 6044aL) 6044 (6055a-| 6055b-) 6045 (6046aR| 6050bR) 6046 (6047aL| 6048bL) 6047 (6065a-| 6065b-)  
6048 (6049aL| 6049bL) 6049 (6045aL| 6045bL) 6050 (6051aL| 6051bL) 6051 (6052aL| 6052bL) 6052 (6055aL| 6055bL) 6053 (6054aL| 6054bL) 6054 (6045aL| 6045bL)  
6055 (6056aR| 6060bR) 6056 (6057aL| 6058bL) 6057 (6072a-| 6072b-) 6058 (6059aL| 6059bL) 6059 (6055aL| 6055bL) 6060 (6061aL| 6063bL) 6061 (6062aL| 6062bL)  
6062 (6055aL| 6055bL) 6063 (6064aL| 6064bL) 6064 (6055aL| 6055bL) 6065 (6066aR| 6069bR) 6066 (6067aL| ERROR-) 6067 (6068aL| 6068bL) 6068 (6065aL| 6065bL)  
6069 (6070aL| ERROR-) 6070 (6071aL| 6071bL) 6071 (6072aL| 6072bL) 6072 (6073aR| 6077bR) 6073 (6074aL| 6076bL) 6074 (6075aL| 6075bL) 6075 (6072aL| 6072bL)  
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6118 (6119aR| 6123bR) 6119 (6120aL| 6121bL) 6120 (6122aL| 6122bL) 6121 (6121aL| 6122bL) 6122 (6118aL| 6118bL) 6123 (6124aL| 6126bL) 6124 (6125aL| 6125bL)  
6125 (6118aL| 6118bL) 6126 (6127aL| 6127bL) 6127 (6118aL| 6118bL) 6128 (6129aR| 6133bR) 6129 (6130aL| 6132bL) 6130 (6131aL| 6131bL) 6131 (6128aL| 6128bL)  
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6167 (6168aR| 6172bR) 6168 (6169aL| 6171bL) 6169 (6170aL| 6170bL) 6170 (6167aL| 6176bL) 6171 (6176a-| 6176b-) 6172 (6173aL| 6175bL) 6173 (6174aL| 6174bL)  
6174 (6167aL| 6167bL) 6175 (6176a-| 6176b-) 6176 (6177aR| 6181bR) 6177 (6178aL| 6179bL) 6178 (6186a-| 6186b-) 6179 (6180aL| 6180bL) 6180 (6176aL| 6176bL)  
6181 (6182aL| 6184bL) 6182 (6183aL| 6183bL) 6183 (6176aL| 6176bL) 6184 (6185aL| 6185bL) 6185 (6176aL| 6176bL) 6186 (6187aR| 6191bR) 6187 (6188aL| 6190bL)  
6188 (6189aL| 6189bL) 6189 (6186aL| 6186bL) 6190 (6195a-| 6195b-) 6191 (6192aL| 6194bL) 6192 (6193aL| 6193bL) 6193 (6186aL| 6186bL) 6194 (6195a-| 6195b-)  
6195 (6196aR| 6200bR) 6196 (6197a-| 6198bL) 6197 (6167a-| 6167b-) 6198 (6199aL| 6199bL) 6199 (6195aL| 6195bL) 6200 (6230aR| 6201bL) 6201 (6202aL| 6202bL)  
6202 (6195aL| 6195bL) 6203 (6204aR| 6209bR) 6204 (6205aL| 6207bL) 6205 (6206aL| 6206bL) 6206 (6156aL| 6156bL) 6207 (6208aL| 6208bL) 6208 (6156aL| 6156bL)  
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6216 (6217aL| 6217bL) 6217 (6458aL| 6458bL) 6218 (6359a-| 6359b-) 6219 (ERROR-| 6220bL) 6220 (6359a-| 6359b-) 6221 (6222aR| 6226bR) 6222 (6223aL| 6224aL)  
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6230 (6231aR| 6234bR) 6232 (6289a-| 6289b-) 6233 (6289a-| 6289b-) 6234 (ERROR-| 6235aL) 6235 (6236bL| 6236bL) 6236 (6237aL| 6237bL) 6237 (6237aL| 6237bL)  
6237 (ERROR-| 6238bR) 6238 (6242bL| ERROR-) 6239 (6240aR| 6241bR) 6240 (6239aR| 6239bR) 6241 (6245aR| 6239bR) 6242 (6243aR| 6244bR) 6243 (6242aR| 6242bR)  
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6251 (6252aR| 6252aR) 6252 (5998aR| 5998bR) 6253 (6254aR| 6255bR) 6254 (6245aR| 6245bR) 6255 (6248aR| 6245bR) 6256 (6257aR| 6256bR) 6257 (6256aR| 6256bR)  
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6272 (6267aL| 6267bL) 6273 (6274aL| 6276bL) 6274 (6275aL| 6275bL) 6275 (6267aL| 6267bL) 6276 (6277aL| 6277bL) 6277 (6267aL| 6267bL) 6278 (6279aR| 6280bR)  
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6286 (6287aR| 6288bR) 6287 (6278aR| 6278bR) 6288 (6281aR| 6278bR) 6289 (6290aR| 6291bR) 6290 (6289aR| 6289bR) 6291 (6297aR| 6289bR) 6292 (6293aR| 6294bR)  
6293 (6292aR| 6292bR) 6294 (6295bL| 6292bR) 6295 (6296bR| 6296bR) 6296 (6267aL| 6267bL) 6297 (6298aR| 6299bR) 6298 (6289aR| 6289bR) 6299 (6292aR| 6289bR)  
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6307 (6308aR| 6308bR) 6308 (6320aR| 6348bL) 6309 (6310aL| 6310bL) 6310 (6300aL| 6300bL) 6311 (6312aR| 6316bR) 6312 (6313aL| 6315bL) 6313 (6314aL| 6314bL)  
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6321 (6322aL| 6323bL) 6322 (6330a-| 6330b-) 6323 (6324aL| 6324bL) 6324 (6320aL| 6320bL) 6325 (6326aL| 6328bL) 6326 (6327aL| 6327bL) 6327 (6320aL| 6320bL)  
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6342 (6343aL| 6343bL) 6343 (6339aL| 6339bL) 6344 (6345aL| 6346bL) 6345 (6359a-| 6359b-) 6346 (6347aL| 6347bL) 6347 (6339aL| 6339bL) 6348 (6349aR| 6354bR)  
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6356 (6311aL| 6311bL) 6357 (6358aL| 6358bL) 6358 (6300aL| 6300bL) 6359 (6360aR| 6364bR) 6360 (6361aL| 6362bL) 6361 (6369a-| 6369b-) 6362 (6363aL| 6363bL)  
6363 (6359aL| 6359bL) 6364 (6365aL| 6367bL) 6365 (6366aL| 6366bL) 6366 (6359aL| 6359bL) 6367 (6368aL| 6368bL) 6368 (6359aL| 6359bL) 6369 (6370aR| 6374bR)  
6370 (6371aL| 6373bL) 6371 (6372aL| 6372bL) 6372 (6369aL| 6369bL) 6373 (6378a-| 6378b-) 6374 (6375aL| 6377bL) 6375 (6376aL| 6376bL) 6376 (6369aL| 6369bL)  
6377 (6378a-| 6378b-) 6378 (6379aR| 6383bR) 6379 (6380aL| 6381bL) 6380 (6388a-| 6388b-) 6381 (6382aL| 6382bL) 6382 (6378aL| 6378bL) 6383 (6384aL| 6386bL)  
6384 (6385aL| 6385bL) 6385 (6378aL| 6378bL) 6386 (6387aL| 6387bL) 6387 (6378aL| 6378bL) 6388 (6389aR| 6393bR) 6389 (6390aL| 6392bL) 6390 (6391aL| 6391bL)  
6391 (6388aL| 6388bL) 6392 (6397a-| 6397b-) 6393 (6394aL| 6396bL) 6394 (6395aL| 6395bL) 6395 (6388aL| 6388bL) 6396 (6397a-| 6397b-) 6397 (6398aR| 6403bR)  
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6405 (6397aL| 6397bL) 6406 (6407aL| 6407bL) 6407 (6397aL| 6397bL) 6408 (6409aR| 6410bR) 6409 (6408aR| 6408bR) 6410 (6411aR| 6408bR) 6411 (6412aR| 6413bR)  
6412 (6411aR| 6411bR) 6413 (6414aL| 6411bR) 6414 (6415a-| 6415b-) 6415 (6416aR| 6419bR) 6416 (6424aR| 6417bL) 6417 (6418aL| 6418bL) 6418 (6415aL| 6415bL)  
6419 (6420aL| 6422bL) 6420 (6421aL| 6421bL) 6421 (6415aL| 6415bL) 6422 (6423aL| 6423bL) 6423 (6415aL| 6415bL) 6424 (6425aR| 6428bR) 6425 (ERROR-| 6426aL)  
6426 (6427aR| 6427aR) 6427 (6433aR| 6433bR) 6428 (6429aL| 6431aL) 6429 (6430aR| 6430aR) 6430 (6447aL| 6447bL) 6431 (6432aR| 6432aR) 6432 (6440aR| 6440bR)  
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6454 (5998aR| 5998bR) 6455 (6456aR| 6457bR) 6456 (6447aR| 6447bR) 6457 (6450aR| 6447bR) 6458 (6459aR| 6462bR) 6459 (6467aR| 6460bL) 6460 (6461aL| 6461bL)  
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6468 (ERROR-| 6469aR) 6469 (6470bR| 6470bR) 6470 (6475aR| 6475bR) 6471 (6472aL| 6473aL) 6472 (6489a-| 6489b-) 6473 (6474bR| 6474bR) 6474 (6482aR| 6482bR)  
6475 (6476aR| 6477bR) 6476 (ERROR-| 6475bR) 6477 (6478bL| 6480bL) 6478 (6479aR| 6479aR) 6479 (6489aL| 6489bL) 6480 (6481aR| 6481aR) 6481 (6482aR| 6482bR)  
6482 (6483aR| 6486bR) 6483 (ERROR-| 6484bL) 6484 (6485bR| 6485bR) 6485 (6475aR| 6475bR) 6486 (6487bL| 6482bR) 6487 (6488bR| 6488bR) 6488 (6489aL| 6489bL)  
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(ERROR-|6579aR) 6579 (6580bR|ERROR-) 6580 (6581aR|6582bR) 6581 (6586aR|6586bR) 6582 (6586aR|6586bR) 6583 (6584aR|6585bR) 6584 (6569aR|6583bR) 6585 (6583aR|6583bR) 6586 (6587aR|6588bR) 6587 (6589aR|6589bR) 6588 (6589aR|6589bR) 6589 (6590aR|6591bR) 6590 (6583aR|6583bR) 6591 (6583aR|6583bR) 6592 (6593bR|ERROR-) 6593 (ERROR-|6594aR) 6594 (6595aR|6600bR) 6595 (6596aL|6598bL) 6596 (6597aL|6597bL) 6597 (6601aL|6601bL) 6598 (6599aL|6599bL) 6599 (6601aL|6601bL) 6600 (ERROR-|6602aR) 6601 (ERROR-|6602aR) 6602 (6603bR|ERROR-) 6603 (6604aR|6605bR) 6604 (6609aR|6609bR) 6605 (6609aR|6609bR) 6606 (6607aR|6608bR) 6607 (6609aR|6609bR) 6608 (6606aR|6606bR) 6609 (6610aR|6611bR) 6610 (6612aR|6612bR) 6611 (6612aR|6612bR) 6612 (6613aR|6614bR) 6613 (6606aR|6606bR) 6614 (6606aR|6606bR) 6615 (6616aR|6618bR) 6616 (6616aR|6617bL) 6617 (6641a-|6641b-) 6618 (ERROR-|6619bL) 6619 (6630a-|6630b-) 6620 (6621aR|6623bR) 6621 (6622aL|6652bR) 6622 (6630a-|6630b-) 6623 (ERROR-|6624bL) 6624 (6641a-|6641b-) 6625 (6626aR|6629bR) 6626 (6627aL|6628bL) 6627 (6641a-|6641b-) 6628 (6630a-|6630b-) 6629 (ERROR-|6625bR) 6630 (6631aR|6636bR) 6631 (6632aL|6634bL) 6632 (6633aL|6633bL) 6633 (6630aL|6630bL) 6634 (6631aL|6635bL) 6635 (6630aL|6630bL) 6636 (6637aL|6639bL) 6637 (6638aL|6638bL) 6638 (6731aL|6731bL) 6639 (6640aL|6640bL) 6640 (6630aL|6630bL) 6641 (6642aR|6647bR) 6642 (6643aL|6645bL) 6643 (6644aL|6644bL) 6644 (6641aL|6641bL) 6645 (6646aL|6646bL) 6646 (6641aL|6641bL) 6647 (6648aL|6650bL) 6648 (6649aL|6649bL) 6649 (6789aR|6789bL) 6650 (6651aL|6651bL) 6651 (6641aL|6641bL) 6652 (6653aR|6656bR) 6653 (6654aL|6655bL) 6654 (6918a-|6918b-) 6655 (6918a-|6918b-) 6656 (6663bR|6663bR) 6657 (6663bR|6663bR) 6658 (6663bR|6663bR) 6659 (6663bR|6663bR) 6660 (6663bR|6663bR) 6661 (6663bR|6663bR) 6662 (6663bR|6663bR) 6663 (6663bR|6663bR) 6664 (ERROR-|6665aL) 6665 (6666aR|6666aR) 6666 (6667aL|6671aL) 6667 (6668aR|6673bR) 6668 (6669bL|6671aL) 6669 (6670bR|6670bR) 6670 (6671aR|6671bR) 6671 (6672aR|6672bR) 6672 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(7142aL|7142bL) 7143 (7143aL|7143bL) 7144 (7144aL|7144bL) 7145 (7145aL|7145bL)

7147 (7146aR|7146bR) 7148 (7149aL|7146bR) 7149 (7150aR|7150aR) 7150 (8274aL|8274bL) 7151 (7152aR|7157bR) 7152 (7153aL|7155bL) 7153 (7154aL|7154bL)  
7154 (7151aL|7151bL) 7155 (7156aL|7156bL) 7156 (7151aL|7151bL) 7157 (7158aR|7160bL) 7158 (7159aL|7159bL) 7159 (7162aL|7162bL) 7160 (7161aL|7161bL)  
7161 (7151aL|7151bL) 7162 (7163aR|7168bR) 7163 (7164aL|7166bL) 7164 (7165aL|7165bL) 7165 (7162aL|7162bL) 7166 (7167aL|7167bL) 7167 (7162aL|7162bL)  
7168 (7169aL|7171bL) 7169 (7170aL|7170bL) 7170 (7173aL|7173bL) 7171 (7172aL|7172bL) 7172 (7162aL|7162bL) 7173 (7174aR|7178bR) 7174 (7175aL|7176aL)  
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7182 (7181aR|7181bR) 7183 (7184aR|7181bR) 7184 (7185aR|7186bR) 7185 (7184aR|7184bR) 7186 (7187bL|7184bR) 7187 (7188aR|7188aR) 7188 (7189aR|7189bR)  
7189 (7190aR|7191bR) 7190 (7285aR|7285bR) 7191 (7285aR|7285bR) 7192 (7193aR|7197bR) 7193 (7194aL|7195aL) 7194 (7274a-|7274b-) 7195 (7196bL|7196bL)  
7196 (7200aL|7200bL) 7197 (ERROR-|7198aL) 7198 (7199bL|7199bL) 7199 (7211aL|7211bL) 7200 (7201aR|7206bR) 7201 (7202aL|7204bL) 7202 (7203aL|7203bL)  
7203 (7200aL|7200bL) 7204 (7205aL|7205bL) 7205 (7200aL|7200bL) 7206 (7207aL|7209bL) 7207 (7208aL|7208bL) 7208 (7222aL|7222bL) 7209 (7210aL|7210bL)  
7210 (7200aL|7200bL) 7211 (7212aR|7217bR) 7212 (7213aL|7215bL) 7213 (7214aL|7214bL) 7214 (7211aL|7211bL) 7215 (7216aL|7216bL) 7216 (7211aL|7211bL)  
7217 (7218aL|7220bL) 7218 (7219aL|7219bL) 7219 (7249aL|7249bL) 7220 (7221aL|7221bL) 7221 (7211aL|7211bL) 7222 (7223aR|7228bR) 7223 (7224bL|7226bL)  
7224 (7225aR|7225aR) 7225 (7258aL|7258bL) 7226 (7227aL|7227bL) 7227 (7222aL|7222bL) 7228 (ERROR-|7229bL) 7229 (7230aL|7230aL) 7230 (7231aL|7231bL)  
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7238 (7239aL|7239bL) 7239 (7231aL|7231bL) 7240 (7241aR|7246bR) 7241 (7242bL|7244bL) 7242 (7243aR|7243aR) 7243 (7261aL|7261bL) 7244 (7245aL|7245bL)  
7245 (7240aL|7240bL) 7246 (ERROR-|7247bL) 7247 (7248aL|7248aL) 7248 (7249aL|7249bL) 7249 (7250aR|7255bR) 7250 (7251bL|7253bL) 7251 (7252bR|7252bR)  
7252 (7261aL|7261bL) 7253 (7254bL|7254bL) 7254 (7240aL|7240bL) 7255 (ERROR-|7256bL) 7256 (7257aL|7257bL) 7257 (7249aL|7249bL) 7258 (7259aR|7260bR)  
7259 (7258aR|7258bR) 7260 (7264aR|7258bR) 7261 (7262aR|7263bR) 7262 (7261aR|7261bR) 7263 (7269aR|7261bR) 7264 (7265aR|7266bR) 7265 (7264aR|7264bR)  
7266 (7267bL|7264bR) 7267 (7268aR|7268aR) 7268 (7192aR|7192bR) 7269 (7270aR|7271bR) 7270 (7269aR|7269bR) 7271 (7272bL|7269bR) 7272 (7273bR|7273bR)  
7273 (7192aR|7192bR) 7274 (7275aR|7280bR) 7275 (7276aL|7278bL) 7276 (7277aL|7277bL) 7277 (7274aL|7274bL) 7278 (7279aL|7279bL) 7279 (7274aL|7274bL)  
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7308 (7298aL|7298bL) 7309 (7310aR|7315bR) 7310 (7311aL|7313bL) 7311 (7312aL|7312bL) 7312 (7309aL|7309bL) 7313 (7314aL|7314bL) 7314 (7309aL|7309bL)  
7315 (7316bL|7318bL) 7316 (7317bR|7317bR) 7317 (7382aR|7382bR) 7318 (7319aL|7319bL) 7319 (7309aL|7309bL) 7320 (7321aR|7324bR) 7321 (7322bL|7320bR)  
7322 (7323aR|7323aR) 7323 (7347aR|7347bR) 7324 (7325bL|7327bL) 7325 (7326aR|7326aR) 7326 (7329aR|7329bR) 7327 (7328aR|7328aR) 7328 (7338aR|7338bR)  
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7336 (7337bR|7337bR) 7337 (7338aR|7338bR) 7338 (7339aR|7344bR) 7339 (7340bL|7342bL) 7340 (7341bR|7341bR) 7341 (7347aR|7347bR) 7342 (7343bR|7343bR)  
7343 (7320aR|7320bR) 7344 (7345bL|7338bR) 7345 (7346bR|7346bR) 7346 (7329aR|7329bR) 7347 (7348aR|7351bR) 7348 (7347aR|7349aL) 7349 (7350aR|7350aR)  
7350 (7320aR|7320bR) 7351 (7352aL|7354aL) 7352 (7353aR|7353aR) 7353 (7329aR|7329bR) 7354 (7355aR|7355aR) 7355 (7358aR|7338bR) 7356 (7357aR|7362bR)  
7357 (7358aR|7360aL) 7358 (7359bR|7359bR) 7359 (7347aR|7347bR) 7360 (7361bR|7361bR) 7361 (7320aR|7320bR) 7362 (7365aR|7363aL) 7363 (7364bR|7364bR)  
7364 (7338aR|7338bR) 7365 (7366bR|ERROR-) 7366 (7367aL|7367bL) 7367 (7368aR|7370bR) 7368 (7369aL|ERROR-) 7369 (7426a-|7426b-) 7370 (7371aL|ERROR-)  
7371 (7372aL|7372bL) 7372 (7367aL|7367bL) 7373 (7374aR|7377bR) 7374 (7375bL|7373bR) 7375 (7376aR|7376aR) 7376 (7400aR|7400bR) 7377 (7378bL|7380bL)  
7378 (7379aR|7379aR) 7379 (7382aR|7382bR) 7380 (7381aR|7381aR) 7381 (7391aR|7391bR) 7382 (7383aR|7388bR) 7383 (7384aL|7388aL) 7384 (7385bR|7385bR)  
7385 (7400aR|7400bR) 7386 (7387bR|7387bR) 7387 (7373aR|7373bR) 7388 (7409aR|7389aL) 7389 (7390bR|7390bR) 7390 (7391aR|7391bR) 7391 (7392aR|7397bR)  
7392 (7393bL|7395bL) 7393 (7394bR|7394bR) 7394 (7400aR|7400bR) 7395 (7396bR|7396bR) 7396 (7373aR|7373bR) 7397 (7398bL|7391bR) 7398 (7399bR|7399bR)  
7399 (7382aR|7382bR) 7400 (7401aR|7404bR) 7401 (7400aR|7402aL) 7402 (7403aR|7403aR) 7403 (7373aR|7373bR) 7404 (7405aL|7407aL) 7405 (7406aR|7406aR)  
7406 (7382aR|7382bR) 7407 (7408aR|7408aR) 7408 (7391aR|7391bR) 7409 (7410aR|7415bR) 7410 (7411aL|7413aL) 7411 (7412bR|7412bR) 7412 (7400aR|7400bR)  
7413 (7414bR|7414bR) 7414 (7373aR|7373bR) 7415 (7418aR|7416aL) 7416 (7417bR|7417bR) 7417 (7391aR|7391bR) 7418 (7419bR|ERROR-) 7419 (7420aL|7420bL)  
7420 (7421aR|7423bR) 7421 (7422aL|ERROR-) 7422 (7437a-|7437b-) 7423 (7424aL|ERROR-) 7424 (7425aL|7425bL) 7425 (7420aL|7420bL) 7426 (7427aR|7432bR)  
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7448 (7449aR|7454bR) 7449 (7450aL|7452aL) 7450 (7451bL|7451bL) 7451 (7521aL|7521bL) 7452 (7453bL|7453bL) 7453 (7457aL|7457bL) 7454 (ERROR-|7455aL)  
7455 (7456bL|7456bL) 7456 (7468aL|7468bL) 7457 (7458aR|7463bR) 7458 (7459aL|7461bL) 7459 (7460aL|7460bL) 7460 (7457aL|7457bL) 7461 (7462aL|7462bL)  
7462 (7457aL|7457bL) 7463 (7464aL|7466bL) 7464 (7465aL|7465bL) 7465 (7479aL|7479bL) 7466 (7467aL|7467bL) 7467 (7457aL|7467bL) 7468 (7469aR|7474bR)  
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7483 (7484aL|7484bL) 7484 (7479aL|7479bL) 7485 (7486bL|7488bL) 7486 (7487aR|7487aR) 7487 (7501aR|7501bR) 7488 (7489aL|7489bL) 7489 (7479aL|7479bL)  
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7504 (7508aR|7508bR) 7505 (7506aR|7507bR) 7506 (7505aR|7505bR) 7507 (7511aR|7508bR) 7508 (7509aR|7510bR) 7509 (7508aR|7508bR) 7510 (7516aR|7508bR)  
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7525 (7526aL|7526bL) 7526 (7521aL|7521bL) 7527 (7528aL|7530bL) 7528 (7529aR|7529aR) 7529 (7587aR|7587bR) 7530 (7531aL|7531bL) 7531 (7521aL|7521bL)  
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7567 (7568aR|7573bR) 7568 (7569aL|7571bL) 7569 (7570aL|7570bL) 7570 (7572aL|7572bL) 7571 (7572aL|7572bL) 7572 (7567aL|7567bL) 7573 (7574aL|7576bL)  
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7581 (7605aR|7605bR) 7582 (7583bL|7585bL) 7583 (7584aR|7584aR) 7584 (7587aR|7587bR) 7585 (7586aR|7586aR) 7586 (7596aR|7596bR) 7587 (7588aR|7593bR)  
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7616 (7617bR|7617bR) 7617 (7605aR|7605bR) 7618 (7619bR|7619bR) 7619 (7578aR|7578bR) 7620 (7623aR|7621aL) 7621 (7622bR|7622bR) 7622 (7596aR|7596bR)  
7623 (7624bR|ERROR-) 7624 (7625aL|7625bL) 7625 (7626aR|7628bR) 7626 (7627aL|ERROR-) 7627 (7631a-|7631b-) 7628 (7629aL|ERROR-) 7629 (7630aL|7630bL)  
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7749 (7750aL|7750bL) 7750 (7745aL|7745bL) 7751 (7752bL|7754bL) 7752 (7753aR|7753aR) 7753 (7705aR|7705bR) 7754 (7755aL|7755bL) 7755 (7745aL|7745bL)  
7756 (7757aR|7762bR) 7757 (7758aL|7760bL) 7758 (7759aL|7759bL) 7759 (7756aL|7756bL) 7760 (7761aL|7761bL) 7761 (7756aL|7756bL) 7762 (7763bL|7765bL)

7763 (7764bR | 7764bR) 7764 (7705aR | 7705bR) 7765 (7766aL | 7766bL) 7766 (7756aL | 7756bL) 7767 (7768aR | 7771bR) 7768 (7769bL | 7767bR) 7769 (7770aR | 7770aR)  
7770 (7794aR | 7794bR) 7771 (7772bL | 7774bL) 7772 (7773aR | 7773aR) 7773 (7776aR | 7776bR) 7774 (7775aR | 7775aR) 7775 (7785aR | 7785bR) 7776 (7777aR | 7782bR)  
7777 (7778aL | 7780aL) 7778 (7779bR | 7779bR) 7779 (7794aR | 7794bR) 7780 (7776aR | 7776bR) 7781 (7767aR | 7767bR) 7782 (7803aR | 7783aL) 7783 (7784bR | 7784bR)  
7784 (7785aR | 7785bR) 7785 (7786aR | 7791bR) 7786 (7787bL | 7789bL) 7787 (7788bR | 7788bR) 7788 (7794aR | 7794bR) 7789 (7790bR | 7790bR) 7790 (7767aR | 7767bR)  
7791 (7792bL | 7785bR) 7792 (7793bR | 7793bR) 7793 (7776aR | 7776bR) 7794 (7795aR | 7798bR) 7795 (7794aR | 7796aL) 7796 (7797aR | 7797aR) 7797 (7767aR | 7767bR)  
7798 (7799aL | 7801aL) 7799 (7800aR | 7800aR) 7800 (7776aR | 7776bR) 7801 (7802aR | 7802aR) 7802 (7785aR | 7785bR) 7803 (7804aR | 7809bR) 7804 (7805aL | 7807aL)  
7805 (7806bR | 7806bR) 7806 (7794aR | 7794bR) 7807 (7808bR | 7808bR) 7808 (7767aR | 7767bR) 7809 (7812aR | 7810aL) 7810 (7811bR | 7811bR) 7811 (7785aR | 7785bR)  
7812 (7813bR | ERROR-) 7813 (7814aL | 7814bL) 7814 (7815aR | 7817bR) 7815 (7816aL | ERROR-) 7816 (7873a- | 7873b-) 7817 (7818aL | ERROR-) 7818 (7819aL | 7819bL)  
7819 (7814aL | 7814bL) 7820 (7821aR | 7824bR) 7821 (7822bL | 7820bR) 7822 (7823aR | 7823aR) 7823 (7847aR | 7847bR) 7824 (7825bL | 7827bL) 7825 (7826aR | 7826aR)  
7826 (7829aR | 7829bR) 7827 (7828aR | 7828aR) 7828 (7838aR | 7838bR) 7829 (7830aR | 7835bR) 7830 (7831aL | 7833aL) 7831 (7832bR | 7832bR) 7832 (7847aR | 7847bR)  
7833 (7834bR | 7834bR) 7834 (7820aR | 7820bR) 7835 (7856aR | 7836aL) 7836 (7837bR | 7837bR) 7837 (7838aR | 7838bR) 7838 (7839aR | 7844bR) 7839 (7840bL | 7842bL)  
7840 (7841bR | 7841bR) 7841 (7847aR | 7847bR) 7842 (7843bR | 7843bR) 7843 (7820aR | 7820bR) 7844 (7845bL | 7838bR) 7845 (7846bR | 7846bR) 7846 (7829aR | 7829bR)  
7847 (7848aR | 7851bR) 7848 (7847aR | 7849aL) 7849 (7850aR | 7850aR) 7850 (7820aR | 7820bR) 7851 (7852aL | 7854aL) 7852 (7853aR | 7853aR) 7853 (7829aR | 7829bR)  
7854 (7855aR | 7855aR) 7855 (7838aR | 7838bR) 7856 (7857aR | 7862bR) 7857 (7858aL | 7860aL) 7858 (7859bR | 7859bR) 7859 (7847aR | 7847bR) 7860 (7861bR | 7861bR)  
7861 (7820aR | 7820bR) 7862 (7865aR | 7863aL) 7863 (7864bR | 7864bR) 7864 (7838aR | 7838bR) 7865 (7866bR | ERROR-) 7866 (7867aL | 7867bL) 7867 (7868aR | 7870bR)  
7868 (7869aL | ERROR-) 7869 (7884a- | 7884b-) 7870 (7871aL | ERROR-) 7871 (7872aL | 7872bL) 7872 (7867aL | 7867bL) 7873 (7874aR | 7879bR) 7874 (7875aL | 7877bL)  
7875 (7876aL | 7876bL) 7876 (7873aL | 7873bL) 7877 (7878aL | 7878bL) 7878 (7873aL | 7873bL) 7879 (7880aL | 7882bL) 7880 (7881aL | 7881bL) 7881 (7723aL | 7723bL)  
7882 (7883aL | 7883bL) 7883 (7873aL | 7873bL) 7884 (7885aR | 7890bR) 7885 (7886aL | 7888bL) 7886 (7887aL | 7887bL) 7887 (7888aL | 7889bL) 7888 (7889aL | 7889bL)  
7889 (7884aL | 7884bL) 7890 (7891aL | 7893bL) 7891 (7892aL | 7892bL) 7892 (7734aL | 7734bL) 7893 (7894aL | 7894bL) 7894 (7884aL | 7884bL) 7895 (7896aR | 7901bR)  
7896 (7897aL | 7899bL) 7897 (7898aL | 7898bL) 7898 (7895aL | 7895bL) 7899 (7900aL | 7900bL) 7900 (7895aL | 7895bL) 7901 (7904aR | 7903bL) 7902 (7903aL | 7904aR)  
7903 (7895aL | 7895bL) 7904 (7905aR | 7907bR) 7905 (7904aR | 7906bL) 7906 (7909a- | 7909b-) 7907 (ERROR- | 7908bL) 7908 (7909a- | 7909b-) 7909 (7910aR | 7911bR)  
7910 (7912aR | 7909bR) 7911 (7909aR | 7909bR) 7912 (7913bR | ERROR-) 7913 (7914aR | 7914bR) 7914 (7915aR | 7916bR) 7915 (7914aR | 7914bR) 7916 (7917aR | 7914bR)  
7917 (7918aR | 7919bR) 7918 (7917aR | 7917bR) 7919 (7920aL | 7917bR) 7920 (7921aR | 7921aR) 7921 (7922aR | 7922bR) 7922 (7923aR | 7926bR) 7923 (7924aL | 7925bL)  
7924 (7928a- | 7928b-) 7925 (7448a- | 7448b-) 7926 (ERROR- | 7927bL) 7927 (7448a- | 7448b-) 7928 (7929aR | 7934bR) 7929 (7930aL | 7932bL) 7930 (7931aL | 7931bL)  
7931 (7928aL | 7928bL) 7932 (7933aL | 7933bL) 7933 (7928aL | 7928bL) 7934 (7935aL | 7937bL) 7935 (7936aL | 7936bL) 7936 (7939aR | 7939bL) 7937 (7938aL | 7938bL)  
7938 (7928aL | 7928bL) 7939 (7940aR | 7945bR) 7940 (7941aL | 7943bL) 7941 (7942aL | 7942bL) 7942 (7939aL | 7939bL) 7943 (7944aL | 7944bL) 7944 (7939aL | 7939bL)  
7945 (7946aL | 7948bL) 7946 (7947aR | 7947aR) 7947 (7950aL | 7950bL) 7948 (7949aL | 7949bL) 7949 (7939aL | 7939bL) 7950 (7951aR | 7955bR) 7951 (7952aL | 7954bL)  
7952 (7953aL | 7953bL) 7953 (7950aL | 7950bL) 7954 (7957a- | 7957b-) 7955 (ERROR- | 7956bL) 7956 (7957a- | 7957b-) 7957 (7958aR | 7963bR) 7958 (7959aL | 7961bL)  
7959 (7960bR | 7960bR) 7960 (7968aL | 7968bL) 7961 (7962aL | 7962bL) 7962 (7957aL | 7957bL) 7963 (7964aL | 7966bL) 7964 (7965aL | 7965bL) 7965 (7957aL | 7957bL)  
7966 (7967aL | 7967bL) 7967 (7957aL | 7957bL) 7968 (7969aR | 7974bR) 7969 (7970aL | 7972aL) 7970 (7971aL | 7971bL) 7971 (8009aR | 8009bL) 7972 (7973aL | 7973bL)  
7973 (7977aL | 7977bL) 7974 (7985aR | 7975aL) 7975 (7976bL | 7976bL) 7976 (7979aL | 7979bL) 7977 (ERROR- | 7978aR) 7978 (7981bR | ERROR-) 7979 (ERROR- | 7980bR)  
7980 (7983bR | ERROR-) 7981 (ERROR- | 7982bR) 7982 (7990aR | 7990bR) 7983 (ERROR- | 7984bR) 7984 (7995aR | 7995bR) 7985 (7985aR | 7985bR) 7986 (7985aR | 7985bR)  
7987 (7988aR | 7989bR) 7988 (7989aR | 7989aR) 7989 (8033aR | 8033bR) 7990 (7991aR | 7992bR) 7991 (7990aR | 7990bR) 7992 (7993bL | 7990bR) 7993 (7994aR | 7994aR)  
7994 (8033aR | 8033bR) 7995 (7996aR | 7997bR) 7996 (7995aR | 7995bR) 7997 (7998bL | 7995bR) 7998 (7999bR | 7999bR) 7999 (8033aR | 8033bR) 8000 (8001aR | 8006bR)  
8001 (8002aL | 8004bL) 8002 (8003aL | 8003bL) 8003 (8000aL | 8000bL) 8004 (8005aL | 8005bL) 8005 (8000aL | 8000bL) 8006 (7968aR | 8007bL) 8007 (8008aL | 8008bL)  
8008 (8000aL | 8000bL) 8009 (ERROR- | 8010bR) 8010 (8011bL | ERROR-) 8011 (8012aL | 8012bL) 8012 (8013aL | 8013bL) 8013 (8014aR | 8018bR) 8014 (8015aL | 8016aL)  
8015 (8021a- | 8021b-) 8016 (8017aL | 8017aL) 8017 (8013aL | 8013bL) 8018 (ERROR- | 8019aL) 8019 (8020aL | 8020aL) 8020 (8013aL | 8013bL) 8021 (8022aR | 8023bR)  
8022 (8021aR | 8021bR) 8023 (8021aR | 8274bR) 8024 (8025aR | 8028bR) 8025 (8026bL | 8024bR) 8026 (8027aR | 8027aR) 8027 (8051aR | 8051bR) 8028 (8029bL | 8031bL)  
8029 (8030aR | 8030aR) 8030 (8033aR | 8033bR) 8031 (8032aR | 8032aR) 8032 (8042aR | 8042bR) 8033 (8034aR | 8039bR) 8034 (8035aL | 8037aL) 8035 (8036bR | 8036bR)  
8036 (8051aR | 8051bR) 8037 (8038bR | 8038bR) 8038 (8024aR | 8024bR) 8039 (8060aR | 8040aL) 8040 (8041bR | 8041bR) 8041 (8042aR | 8042bR) 8042 (8043aR | 8048bR)  
8043 (8044bL | 8046bL) 8044 (8045bR | 8045bR) 8045 (8051aR | 8051bR) 8046 (8047bR | 8047bR) 8047 (8024aR | 8024bR) 8048 (8049bL | 8042bR) 8049 (8050bR | 8050bR)  
8050 (8033aR | 8033bR) 8051 (8052aR | 8055bR) 8052 (8051aR | 8053aL) 8053 (8054aR | 8054aR) 8054 (8024aR | 8024bR) 8055 (8056aL | 8058aL) 8056 (8057aR | 8057aR)  
8057 (8033aR | 8033bR) 8058 (8059aR | 8059aR) 8059 (8042aR | 8042bR) 8060 (8061aR | 8066bR) 8061 (8062aL | 8064aL) 8062 (8063bR | 8063bR) 8063 (8051aR | 8051bR)  
8064 (8065bR | 8065bR) 8065 (8024aR | 8024bR) 8066 (8069aR | 8067aL) 8067 (8068bR | 8068bR) 8068 (8042aR | 8042bR) 8069 (8070bR | ERROR-) 8070 (8071aL | 8071bL)  
8071 (8072aR | 8074bR) 8072 (8073aL | ERROR-) 8073 (8077a- | 8077b-) 8074 (8075aL | ERROR-) 8075 (8076aL | 8076bL) 8076 (8071aL | 8071bL) 8077 (8078aR | 8083bR)  
8078 (8079aL | 8081bL) 8079 (8080aL | 8080bL) 8080 (8077aL | 8077bL) 8081 (8082aL | 8082bL) 8082 (8077aL | 8077bL) 8083 (8084aL | 8086bL) 8084 (8085aL | 8085bL)  
8085 (8000aL | 8000bL) 8086 (8087aL | 8087bL) 8087 (8077aL | 8077bL) 8088 (8089aR | 8094bR) 8089 (8090aL | 8092bL) 8090 (8091aL | 8091bL) 8091 (8088aL | 8088bL)  
8092 (8093aL | 8093bL) 8093 (8088aL | 8088bL) 8094 (8095aL | 8097bL) 8095 (8096aL | 8096aL) 8096 (8099aL | 8099bL) 8097 (8098aL | 8098bL) 8098 (8088aL | 8088bL)  
8099 (8100aR | 8104bR) 8100 (8101aL | 8103bL) 8101 (8102aL | 8102bL) 8102 (8099aL | 8099bL) 8103 (8106a- | 8106b-) 8104 (ERROR- | 8105bL) 8105 (8106a- | 8106b-)  
8106 (8107aR | 8112bR) 8107 (8108aL | 8110bL) 8108 (8109bL | 8109bL) 8109 (8117aL | 8117bL) 8110 (8111aL | 8111bL) 8111 (8106aL | 8106bL) 8112 (8113aL | 8115bL)  
8113 (8114aL | 8114bL) 8114 (8106aL | 8106bL) 8115 (8116aL | 8116bL) 8116 (8106aL | 8106bL) 8117 (8118aR | 8123bR) 8118 (8119aL | 8121bL) 8119 (8120aL | 8120bL)  
8120 (8117aL | 8117bL) 8121 (8122aL | 8122bL) 8122 (8117aL | 8117bL) 8123 (8124aL | 8126bL) 8124 (8125aL | 8125aL) 8125 (8128aL | 8128bL) 8126 (8127aL | 8127bL)  
8127 (8117aL | 8117bL) 8128 (8129bL | ERROR-) 8129 (8130aL | 8130bL) 8130 (8131aR | 8135bR) 8131 (8132aL | 8133aL) 8132 (8138a- | 8138b-) 8133 (8134aL | 8134aL)  
8134 (8130aL | 8130bL) 8135 (ERROR- | 8136aL) 8136 (8137aL | 8137aL) 8137 (8130aL | 8130bL) 8138 (8139aR | 8140bR) 8139 (8138aR | 8138bR) 8140 (8141aR | 8138bR)  
8141 (8142aR | 8143bR) 8142 (8141aR | 8141bR) 8143 (8144aL | 8141bR) 8144 (8145aR | 8145aR) 8145 (8146aR | 8146bR) 8146 (8147aR | 8151bR) 8147 (8148aL | 8149aL)  
8148 (8228a- | 8228b-) 8149 (8150bL | 8150bL) 8150 (8154aL | 8154bL) 8151 (ERROR- | 8152aL) 8152 (8153bL | 8153bL) 8153 (8165aL | 8165bL) 8154 (8155aR | 8160bR)  
8155 (8156aL | 8158bL) 8156 (8157aL | 8157bL) 8157 (8154aL | 8154bL) 8158 (8159aL | 8159bL) 8159 (8154aL | 8154bL) 8160 (8161aL | 8163bL) 8161 (8162aL | 8162bL)  
8162 (8176aL | 8176bL) 8163 (8164aL | 8164bL) 8164 (8154aL | 8154bL) 8165 (8166aR | 8171bR) 8166 (8167aL | 8169bL) 8167 (8168aR | 8168bL) 8168 (8165aL | 8165bL)  
8169 (8170aL | 8170bL) 8170 (8165aL | 8165bL) 8171 (8172aL | 8174bL) 8172 (8173aL | 8173bL) 8173 (8203aL | 8203bL) 8174 (8175aL | 8175bL) 8175 (8165aL | 8165bL)  
8176 (8177aR | 8182bR) 8177 (8178bL | 8180bL) 8178 (8179aR | 8179aR) 8179 (8212aL | 8212bL) 8180 (8181aL | 8181bL) 8181 (8176aL | 8176bL) 8182 (ERROR- | 8183bL)  
8183 (8184aL | 8184aL) 8184 (8185aL | 8185bL) 8185 (8186aR | 8191bR) 8186 (8187bL | 8189bL) 8187 (8188bR | 8188bR) 8188 (8212aL | 8212bL) 8189 (8190bL | 8190bL)  
8190 (8176aL | 8176bL) 8191 (ERROR- | 8192bL) 8192 (8193aL | 8193bL) 8193 (8185aL | 8185bL) 8194 (8195aR | 8200bR) 8195 (8196bL | 8198bL) 8196 (8197aR | 8197aR)  
8197 (8215aL | 8215bL) 8198 (8199aL | 8199bL) 8199 (8194aL | 8194bL) 8200 (ERROR- | 8201bL) 8201 (8202aL | 8202aL) 8202 (8203aL | 8203bL) 8203 (8204aR | 8209bR)  
8204 (8205bL | 8207bL) 8205 (8206bR | 8206bR) 8206 (8215aL | 8215bL) 8207 (8208bL | 8208bL) 8208 (8194aL | 8194bL) 8209 (ERROR- | 8210bL) 8210 (8211aL | 8211bL)  
8211 (8203aR | 8203bL) 8212 (8213aR | 8214bR) 8213 (8212aR | 8212bR) 8214 (8218aR | 8212bR) 8215 (8216aR | 8217bR) 8216 (8215aR | 8215bR) 8217 (8223aR | 8215bR)  
8218 (8219aR | 8220bR) 8219 (8218aR | 8218bR) 8220 (8221bL | 8218bR) 8221 (8222aR | 8222aR) 8222 (8146aR | 8146bR) 8223 (8224aR | 8225bR) 8224 (8223aR | 8223bR)  
8225 (8226bL | 8223bR) 8226 (8227bR | 8227bR) 8227 (8146aR | 8146bR) 8228 (8229aR | 8234bR) 8229 (8230aL | 8232aL) 8230 (8231aL | 8231bL) 8231 (8237aL | 8237bL)  
8232 (8233aL | 8233aL) 8233 (8228aL | 8228bL) 8234 (ERROR- | 8235aL) 8235 (8236aL | 8236aL) 8236 (8228aL | 8228bL) 8237 (8238aR | 8243bR) 8238 (8239aR | 8241aL)  
8239 (8240aL | 8240bL) 8240 (8246aL | 8246bL) 8241 (8242aL | 8242aL) 8242 (8228aR | 8228bL) 8243 (ERROR- | 8244aL) 8244 (8245aL | 8245aL) 8245 (8228aL | 8228bL)  
8246 (8247aR | 8248bR) 8247 (HALT- | 8251bR) 8248 (ERROR- | 8249bL) 8249 (8250aR | 8250aR) 8250 (8251aR | 8251bR) 8251 (8252aR | 8257bR) 8252 (8253aL | 8255bL)  
8253 (8254aL | 8254bL) 8254 (8251aL | 8251bL) 8255 (8256aL | 8256bL) 8256 (8251aL | 8251bL) 8257 (8258aL | 8260bL) 8258 (8259aL | 8259aL) 8259 (8262aL | 8262bL)  
8260 (8261aL | 8261bL) 8261 (8251aL | 8251bL) 8262 (8263aR | 8268bR) 8263 (8264bL | 8266bL) 8264 (8265bR | 8265bR) 8265 (8271aL | 8271bL) 8266 (8267bL | 8267bL)  
8267 (8262aL | 8262bL) 8268 (ERROR- | 8269bL) 8269 (8270aR | 8270aR) 8270 (8271aL | 8271bL) 8271 (8272aR | 8273bR) 8272 (8274aR | 8271bR) 8273 (8271aR | 8271bR)  
8274 (8275aR | 8276bR) 8275 (8274aR | ERROR-) 8276 (ERROR- | 8277bL) 8277 (8278a- | 8278b-) 8278 (8279aR | 8280bR) 8279 (8281aR | 8278bR) 8280 (8278aR | 8278bR)  
8281 (8282aR | 8283bR) 8282 (8284aR | 8278bR) 8283 (8278aR | 8278bR) 8284 (8285aR | 8287bR) 8285 (8286aL | 8278bR) 8286 (8288a- | 8288b-) 8287 (8278aR | 8278bR)  
8288 (8289aR | 8290bR) 8289 (8288aR | ERROR-) 8290 (ERROR- | 8291bL) 8291 (8292aL | 8292bL) 8292 (8293aL | 8293bL) 8293 (8294bL | ERROR-) 8294 (4922aL | 4922bL)

## 6 $G$

We present a 5,183-state Turing Machine that is *independent of Goldbach's conjecture*; in other words, to know whether or not this machine halts is to know whether or not Goldbach's conjecture is true. It is therefore impossible to prove the value of  $BB(5,183)$  without simultaneously implying a proof of the truth or falsehood of Goldbach's conjecture.

Goldbach's conjecture is stated as follows:

**Statement 2.** Every even integer greater than 2 can be expressed as the sum of two primes.

### 6.1 Implementation Methods

Because Goldbach's conjecture is quite simply stated, the Laconic program encoding the statement is also quite simple. We very briefly describe it here; once again, the documented source code itself, a detailed explanation of the compilation process, and documentation for the Laconic language are available at [?].

In order to create  $G$ , we loop over all even integers  $i > 2$ . For each  $i$ , we loop over all positive integers  $j$  such that  $0 < j < i$ . If no such  $j$  exists such that both  $j$  and  $i - j$  are prime, we halt.

To test the primality of a positive integer  $j$ , we first test to see if  $j = 1$ ; if it is, we determine that  $j$  is not prime. Otherwise, we loop over each integer  $k$  such that  $1 < k < j$ . If a  $k$  exists such that  $j \% k = 0$  (where  $\%$  denotes the modulus operation) then we determine that  $j$  is not prime; otherwise, we determine that it is.

### 6.2 An Explicit Description of $G$

We present below an explicit description of  $G$ . The same format is used below as was used for  $Z$ . Again, Figure 3 contains useful information for interpreting our format, the tape alphabet is  $\{a, b\}$  with  $a$  being the empty symbol, state 0000 is the start state, and  $G$  will never follow a transition to the ERROR state. The only transition to the HALT state in  $G$  is out of state 5135.

```

0000 (0001bR|ERROR-) 0001 (0004bR|ERROR-) 0002 (0003bR|ERROR-) 0003 (0008aR|0008bR) 0004 (0005bR|ERROR-) 0005 (0006bR|ERROR-) 0006 (0007bR|ERROR-)
0007 (0002bR|ERROR-) 0008 (0009aR|ERROR-) 0009 (0010aR|0010bR) 0010 (0011aR|ERROR-) 0011 (0053aR|0053bR) 0012 (0013bR|ERROR-) 0013 (0014bR|ERROR-)
0014 (0015aR|ERROR-) 0015 (0016aR|0016bR) 0016 (0017aR|ERROR-) 0017 (0018aR|0018bR) 0018 (0019aR|ERROR-) 0019 (0020aR|0020bR) 0020 (0021aR|ERROR-)
0021 (0059aR|0059bR) 0022 (0023aR|0028bR) 0023 (0024aL|0026bL) 0024 (0025aL|0025bL) 0025 (0022aL|0022bL) 0026 (0027aL|0027bL) 0027 (0022aL|0022bL)
0028 (0029aL|0031bL) 0029 (0030aL|0030bL) 0030 (0033aL|0033bL) 0031 (0032aL|0032bL) 0032 (0022aL|0022bL) 0033 (0034aR|0037bR) 0034 (0040aR|0035bL)
0035 (0036bR|0036bR) 0036 (0045aL|0045bL) 0037 (ERROR-|0038bL) 0038 (0039aL|0039aL) 0039 (0033aL|0033bL) 0040 (0041aR|0044bR) 0041 (ERROR-|0042aL)
0042 (0043aR|0043aR) 0043 (0045aL|0045bL) 0044 (0063aR|ERROR-) 0045 (0046aR|0047bR) 0046 (0045aR|0045bR) 0047 (0048aR|0045bR) 0048 (0049aR|0050bR)
0049 (0048aR|0048bR) 0050 (0051aL|0048bR) 0051 (0052aR|0052aR) 0052 (0008aR|0008bR) 0053 (0054aR|ERROR-) 0054 (0055aR|0055bR) 0055 (0056aR|ERROR-)
0056 (0057aR|0057bR) 0057 (0058aR|ERROR-) 0058 (0012aR|0012bR) 0059 (0060bR|ERROR-) 0060 (0061bR|ERROR-) 0061 (0062bL|ERROR-) 0062 (0022aL|0022bL)
0063 (0064aR|0067bR) 0064 (0063aR|0065bL) 0065 (0066aR|0066bR) 0066 (0070aL|0070bL) 0067 (ERROR-|0068bL) 0068 (0069aR|0069bR) 0069 (0070aL|0070bL)
0070 (0071aR|0074bR) 0071 (0072aL|0070bR) 0072 (0073bR|0073bR) 0073 (0075aR|0075bR) 0074 (0070aR|0070bR) 0075 (0076aR|0077bR) 0076 (0075aR|0075bR)
0077 (0078aL|0075bR) 0078 (0079aL|0079bL) 0079 (0080aL|0080bL) 0080 (0081aR|0086bR) 0081 (0082aL|0084bL) 0082 (0083aR|0083bR) 0083 (0091aL|0091bL)
0084 (0085aL|0085bL) 0085 (0080aL|0080bL) 0086 (0087aL|0089bL) 0087 (0088aL|0088bL) 0088 (0080aL|0080bL) 0089 (0090aL|0090bL) 0090 (0080aL|0080bL)
0091 (0092aR|0097bR) 0092 (0093aL|0095bL) 0093 (0094aL|0094bL) 0094 (0091aL|0091bL) 0095 (0096aR|0096bR) 0096 (0102aL|0102bL) 0097 (0098aL|0100bL)
0098 (0099aR|0099aR) 0099 (0131aL|0131bL) 0100 (0101aR|0101bR) 0101 (0102aL|0102bL) 0102 (0103aR|0108bR) 0103 (0104bL|0106bL) 0104 (0105bL|0105bL)
0105 (0122aL|0122bL) 0106 (0107bL|0107bL) 0107 (0102aL|0102bL) 0108 (ERROR-|0109bL) 0109 (0110aR|0110aR) 0110 (0111aL|0111bL) 0111 (0112aR|0117bR)
0112 (0113aL|0115bL) 0113 (0114aR|0114bR) 0114 (0122aL|0122bL) 0115 (0116aL|0116bL) 0116 (0111aL|0111bL) 0117 (0118aL|0120bL) 0118 (0119aL|0119bL)
0119 (0111aL|0111bL) 0120 (0121aL|0121bL) 0121 (0111aL|0111bL) 0122 (0123aR|0128bR) 0123 (0124aL|0126bL) 0124 (0125aL|0125bL) 0125 (0122aL|0122bL)
0126 (0127aR|0127bR) 0127 (0080aL|0080bL) 0128 (ERROR-|0129bL) 0129 (0130aR|0130bR) 0130 (0080aL|0080bL) 0131 (0132aR|0135bR) 0132 (0131aR|0133bL)
0133 (0134aR|0134bR) 0134 (0138aL|0138bL) 0135 (ERROR-|0136bL) 0136 (0137aR|0137bR) 0137 (0138aL|0138bL) 0138 (0139aR|0142bR) 0139 (0140aL|0138bR)
0140 (0141aR|0141bR) 0141 (0063aL|0063bL) 0142 (0143aL|0138bR) 0143 (0144aR|0144aR) 0144 (0145aR|0145bR) 0145 (0146aR|ERROR-) 0146 (0147aR|0147bR)
0147 (0148bL|ERROR-) 0148 (0149aL|0149bL) 0149 (0150aR|0155bR) 0150 (0151aL|0153bL) 0151 (0152aL|0152bL) 0152 (0149aL|0149bL) 0153 (0154aR|0154bR)
0154 (0158aL|0158bL) 0155 (0189aR|0156bL) 0156 (0157aR|0157bR) 0157 (0158aL|0158bL) 0158 (0159aR|0164bR) 0159 (0160aL|0162bL) 0160 (0161bL|0161bL)
0161 (0169aL|0169bL) 0162 (0163aL|0163bL) 0163 (0158aL|0158bL) 0164 (0165aL|0167bL) 0165 (0166aL|0166bL) 0166 (0158aL|0158bL) 0167 (0168aL|0168bL)
0168 (0158aL|0158bL) 0169 (0170aR|0175bR) 0170 (0171aL|0173bL) 0171 (0172aL|0172bL) 0172 (0169aL|0169bL) 0173 (0174aR|0174bR) 0174 (0178aL|0178bL)

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0175 (ERROR- 0176bL)	0176 (0177aR 0177bR)	0177 (0178aL 0178bL)	0178 (0179aR 0184bR)	0179 (0180aL 0182bL)	0180 (0181aR 0181bR)	0181 (0149aL 0149bL)
0182 (0183aL 0183bL)	0183 (0178aL 0178bL)	0184 (0185aL 0187bL)	0185 (0186aL 0186bL)	0186 (0178aL 0178bL)	0187 (0188aL 0188bL)	0188 (0178aL 0178bL)
0189 (0190aR 0191bR)	0190 (0189aR 0189bR)	0191 (0192aR 0191bR)	0192 (0193aR 0196bR)	0193 (0194aL 0189bR)	0194 (0195bR 0195bR)	0195 (0197aR 0197bR)
0196 (0192aR 0189bR)	0197 (0198aR ERROR-)	0198 (0199aR 0199bR)	0199 (0200aR ERROR-)	0200 (0201aR 0201bR)	0201 (0202aR ERROR-)	0202 (0211aR 0211bR)
0203 (0204bR ERROR-)	0204 (0205bR ERROR-)	0205 (0206aR ERROR-)	0206 (0221aR 0221bR)	0207 (0208bR ERROR-)	0208 (0209bR ERROR-)	0209 (0210bL ERROR-)
0210 (0243aL 0243bL)	0211 (0212aR ERROR-)	0212 (0213aR 0213bR)	0213 (0214aR ERROR-)	0214 (0215aR 0215bR)	0215 (0216aR ERROR-)	0216 (0217aR 0217bR)
0217 (0218aR ERROR-)	0218 (0219aR 0219bR)	0219 (0220aR ERROR-)	0220 (0203aR 0203bR)	0221 (0222bR ERROR-)	0222 (0225bR ERROR-)	0223 (0224bR ERROR-)
0224 (0229aR 0229bR)	0225 (0226bR ERROR-)	0226 (0227bR ERROR-)	0227 (0228aR ERROR-)	0228 (0223bR ERROR-)	0229 (0230aR ERROR-)	0230 (0231aR 0231bR)
0231 (0232aR ERROR-)	0232 (0233aR 0233bR)	0233 (0234aR ERROR-)	0234 (0235aR 0235bR)	0235 (0236aR ERROR-)	0236 (0237aR 0237bR)	0237 (0238aR ERROR-)
0238 (0239aR 0239bR)	0239 (0240aR ERROR-)	0240 (0241aR 0241bR)	0241 (0242aR ERROR-)	0242 (0207aR 0207bR)	0243 (0244aR 0249bR)	0244 (0245aL 0247bL)
0245 (0246aL 0246bL)	0246 (0243aL 0243bL)	0247 (0248aL 0248bL)	0248 (0243aL 0243bL)	0249 (0250aL 0252bL)	0250 (0251aL 0251bL)	0251 (0254aL 0254bL)
0252 (0253aL 0253bL)	0253 (0243aL 0243bL)	0254 (0255aR 0255bR)	0255 (0261aR 0256bL)	0256 (0257bR 0257bR)	0257 (0268aL 0268bL)	0258 (ERROR- 0259bL)
0259 (0260aL 0260aL)	0260 (0254aL 0254bL)	0261 (0262aR 0265bR)	0262 (ERROR- 0263aL)	0263 (0264aR 0264aR)	0264 (0268aL 0268bL)	0265 (0266aL ERROR-)
0266 (0267aR 0267aR)	0267 (0280aR 0280bR)	0268 (0269aR 0270bR)	0269 (0268aR 0268bR)	0270 (0271aR 0268bR)	0271 (0272aR 0273bR)	0272 (0271aR 0271bR)
0273 (0274aL 0271bR)	0274 (0275aR 0275aR)	0275 (0276aR 0276bR)	0276 (0277bR ERROR-)	0277 (0278bR ERROR-)	0278 (0273aL 0243bL)	0279 (0243aL 0243bL)
0280 (0281aR 0282bR)	0281 (0280aR 0280bR)	0282 (0280aR 0283bR)	0283 (0284aR 0285bR)	0284 (0366aR 0366bR)	0285 (0366aR 0366bR)	0286 (0287bR ERROR-)
0287 (0288aR 0288bR)	0288 (0289aR 0290bR)	0289 (0288aR 0288bR)	0290 (0291aL 0288bR)	0291 (0292aL 0292bL)	0292 (0293aL 0293bL)	0293 (0294aR 0297bR)
0294 (0318aR 0295bL)	0295 (0296bL 0296bL)	0296 (0293aR 0293bL)	0297 (0318aR 0298bL)	0298 (0299aR 0299aR)	0299 (0340aL 0340bL)	0300 (0301aR 0304bR)
0301 (0300aR 0302aL)	0302 (0303aR 0303aR)	0303 (0309aR 0309bR)	0304 (0305aL 0307aL)	0305 (0306aR 0306aR)	0306 (0327aR 0327bR)	0307 (0308aR 0308aR)
0308 (0318aR 0318bR)	0309 (0310aR 0313bR)	0310 (0311bL 0309bR)	0311 (0312aR 0312aR)	0312 (0300aR 0300bR)	0313 (0314bL 0318aR)	0314 (0315aR 0315aR)
0315 (0327aR 0327bR)	0316 (0317aR 0317aR)	0317 (0318aR 0318bR)	0318 (0319aR 0324bR)	0319 (0320bL 0322bL)	0320 (0321bR 0321bR)	0321 (0300aR 0300bR)
0322 (0323bR 0323bR)	0323 (0309aR 0309bR)	0324 (0325bL 0318bR)	0325 (0326bR 0326bR)	0326 (0327aR 0327bR)	0327 (0328bL ERROR-)	0328 (0329aR 0329bL)
0329 (0330aR 0335bR)	0330 (0331aL 0333bL)	0331 (0332aL 0332bL)	0332 (0329aL 0329bL)	0333 (0334aR 0334bR)	0334 (0293aL 0293bL)	0335 (0336aL 0338bL)
0336 (0337aR 0337aR)	0337 (0351aR 0351bR)	0338 (0339aL 0339bL)	0339 (0329aL 0329bL)	0340 (0341aR 0346bR)	0341 (0342aL 0344bL)	0342 (0343aL 0343bL)
0343 (0293aL 0293bL)	0344 (0345aL 0345bL)	0345 (0340aL 0340bL)	0346 (0347aL 0349bL)	0347 (0348aR 0348aR)	0348 (0351aR 0351bR)	0349 (0350aL 0350bL)
0350 (0340aL 0340bL)	0351 (0332aR 0355bR)	0352 (0353aL 0351bR)	0353 (0354aR 0354bR)	0354 (0288aR 0288bR)	0355 (0356aL 0351bR)	0356 (0357aR 0357aR)
0357 (0358aR 0358bR)	0358 (0359bR ERROR-)	0359 (0360bR ERROR-)	0360 (0361aR ERROR-)	0361 (0362aR 0362bR)	0362 (0363aR ERROR-)	0363 (0364aR 0364bR)
0364 (0365bR ERROR-)	0365 (0369aR 0369bR)	0366 (0367aR 0368bR)	0367 (0286aR 0286bR)	0368 (0286aR 0286bR)	0369 (0370aR ERROR-)	0370 (0371bL ERROR-)
0371 (0375aR ERROR-)	0372 (0373aL 0372aL)	0373 (0373aL 0374bR)	0374 (1510aR ERROR-)	0375 (0376bR 0714aR)	0376 (0377bR 0677aR)	0377 (0378bR 1131aR)
0378 (0379bR 0515aR)	0379 (0380bR 1122aR)	0380 (0381bR 1215aR)	0382 (0382bR 0613aR)	0383 (0383bR 1131aR)	0383 (0384bR 0517aR)	0384 (0385bR 1126aR)
0385 (0386bR 0802aR)	0386 (0387bR 0901aR)	0387 (0388bR 0933aR)	0388 (0389bR 1078aR)	0389 (0390bR 0665aR)	0390 (0391bR 1329aR)	0391 (0392bR 1351aR)
0392 (0393bR 0945aR)	0393 (0394bR 1190aR)	0394 (0395bR 0675aR)	0395 (0396bR 0436aR)	0396 (0397bR 0538aR)	0397 (0398bR 0421aR)	0398 (0399bR 1079aR)
0399 (0400bR 1351aR)	0400 (0401bR 0937aR)	0401 (0402bR 1154aR)	0402 (0403bR 1215aR)	0403 (0404bR 0602aR)	0404 (0405bR 1076aR)	0405 (0406bR 0410aR)
0406 (0407bR 1071aR)	0407 (0408bR 1351aR)	0408 (0409bR 0935aR)	0409 (0410bR 0578aR)	0410 (0411bR 1209aR)	0411 (0412bR 0623aR)	0412 (0413bR 1079aR)
0413 (0414bR 1318aR)	0414 (0415bR 0761aR)	0415 (0416bR 1274aR)	0416 (0417bR 1018aR)	0417 (0418bR 1062aR)	0418 (0419bR 1209aR)	0419 (0420bR 0943aR)
0420 (0421bR 1191aR)	0421 (0422bR 1315aR)	0422 (0423bR 0423aR)	0423 (0424bR 1131aR)	0424 (0425bR 0517aR)	0425 (0426bR 1082aR)	0426 (0427bR 1249aR)
0427 (0428bR 1274aR)	0428 (0429bR 0922aR)	0429 (0430bR 1062aR)	0430 (0431bR 1217aR)	0431 (0432bR 0943aR)	0432 (0433bR 1189aR)	0433 (0434bR 1079aR)
0434 (0435bR 1154aR)	0435 (0436bR 1209aR)	0436 (0437bR 0943aR)	0437 (0438bR 1191aR)	0438 (0439bR 1315aR)	0439 (0440bR 0423aR)	0440 (0441bR 1131aR)
0441 (0442bR 1050aR)	0442 (0443bR 0937aR)	0443 (0444bR 1315aR)	0444 (0445bR 0422aR)	0445 (0446bR 1131aR)	0446 (0447bR 0517aR)	0447 (0448bR 1082aR)
0448 (0449bR 1249aR)	0449 (0450bR 1274aR)	0450 (0451bR 0922aR)	0451 (0452bR 1062aR)	0452 (0453bR 1215aR)	0453 (0454bR 0613aR)	0454 (0455bR 1131aR)
0455 (0456bR 1026aR)	0456 (0457bR 0945aR)	0457 (0458bR 1146aR)	0458 (0459bR 0422aR)	0459 (0460bR 0802aR)	0460 (0461bR 0901aR)	0461 (0462bR 0561aR)
0462 (0463bR 1113aR)	0463 (0464bR 1361aR)	0464 (0465bR 1111aR)	0465 (0466bR 1189aR)	0466 (0467bR 1365aR)	0467 (0468bR 1364aR)	0468 (0469bR 0683aR)
0469 (0470bR 0426aR)	0470 (0471bR 1217aR)	0471 (0472bR 1204aR)	0472 (0473bR 1226aR)	0473 (0474bR 0642aR)	0474 (0475bR 0619aR)	0475 (0476bR 1066aR)
0476 (0477bR 1260aR)	0477 (0478bR 0585aR)	0478 (0479bR 0582aR)	0479 (0480bR 0773aR)	0480 (0481bR 1061aR)	0481 (0482bR 0422aR)	0482 (0483bR 0773aR)
0483 (0484bR 1343aR)	0484 (0485bR 1311aR)	0485 (0486bR 1271aR)	0486 (0487bR 1359aR)	0487 (0488bR 1317aR)	0488 (0489bR 1114aR)	0489 (0490bR 1076aR)
0490 (0491bR 0945aR)	0491 (0492bR 0623aR)	0492 (0493bR 0628aR)	0493 (0494bR 1226aR)	0494 (0495bR 0773aR)	0495 (0496bR 0773aR)	0496 (0497bR 0887aR)
0497 (0498bR 1333aR)	0498 (0499bR 1364aR)	0499 (0500bR 0683aR)	0500 (0501bR 0938aR)	0501 (0502bR 1207aR)	0502 (0503bR 0582aR)	0503 (0504bR 0633aR)
0504 (0505bR 1204aR)	0505 (0506bR 1226aR)	0506 (0507bR 0773aR)	0507 (0508bR 0506aR)	0508 (0509bR 1094aR)	0509 (0510bR 1260aR)	0510 (0511bR 0591aR)
0511 (0512bR 1313aR)	0512 (0513bR 0599aR)	0513 (0514bR 0946aR)	0514 (0515bR 1204aR)	0515 (0516bR 1226aR)	0516 (0517bR 0642aR)	0517 (0518bR 0621aR)
0518 (0519bR 1121aR)	0519 (0520bR 0599aR)	0520 (0521bR 0421aR)	0521 (0522bR 1375aR)	0522 (0523bR 1359aR)	0523 (0524bR 1327aR)	0524 (0525bR 1113aR)
0525 (0526bR 0564aR)	0526 (0527bR 0946aR)	0527 (0528bR 0421aR)	0528 (0529bR 0386aR)	0529 (0530bR 1242aR)	0530 (0531bR 1138aR)	0531 (0532bR 1209aR)
0532 (0533bR 1093aR)	0533 (0534bR 1364aR)	0534 (0535bR 0683aR)	0535 (0536bR 0419aR)	0536 (0537bR 1351aR)	0537 (0538bR 0562aR)	0538 (0539bR 1260aR)
0539 (0540bR 0583aR)	0540 (0541bR 0614aR)	0541 (0542bR 0639aR)	0542 (0543bR 1202aR)	0543 (0544bR 1260aR)	0544 (0545bR 0583aR)	0545 (0546bR 1126aR)
0546 (0547bR 0639aR)	0547 (0548bR 1202aR)	0548 (0549bR 1260aR)	0549 (0550bR 0583aR)	0550 (0551bR 1094aR)	0551 (0552bR 0805aR)	0552 (0553bR 1063aR)
0553 (0554bR 0559aR)	0554 (0555bR 0436aR)	0555 (0556bR 1074aR)	0556 (0557bR 1327aR)	0557 (0558bR 0625aR)	0558 (0559bR 1140aR)	0559 (0560bR 0901aR)
0560 (0561bR 1065aR)	0561 (0562bR 0599aR)	0562 (0563bR 0621aR)	0563 (0564bR 0434aR)	0564 (0565bR 1327aR)	0565 (0566bR 0625aR)	0566 (0567bR 1140aR)
0567 (0568bR 0546aR)	0568 (0569bR 0619aR)	0569 (0570bR 0378aR)	0570 (0571bR 0614aR)	0571 (0572bR 0773aR)	0572 (0573bR 0433aR)	0573 (0574bR 1131aR)
0574 (0575bR 0410aR)	0575 (0576bR 1082aR)	0576 (0577bR 1250aR)	0577 (0578bR 1062aR)	0578 (0579bR 0901aR)	0579 (0580bR 1076aR)	0580 (0581bR 0546aR)
0581 (0582bR 0619aR)	0582 (0583bR 0378aR)	0583 (0584bR 0614aR)	0584 (0585bR 0773aR)	0585 (0586bR 0425aR)	0586 (0587bR 1076aR)	0587 (0588bR 0375aR)
0588 (0589bR 1191aR)	0589 (0590bR 1359aR)	0590 (0591bR 1274aR)	0591 (0592bR 0546aR)	0592 (0593bR 1239aR)	0593 (0594bR 1314aR)	0594 (0595bR 0389aR)
0595 (0596bR 0390aR)	0596 (0597bR 0762aR)	0597 (0598bR 1138aR)	0598 (0599bR 0902aR)	0599 (0600bR 1062aR)	0600 (0601bR 1207aR)	0601 (0602bR 0946aR)
0602 (0603bR 0436aR)	0603 (0604bR 1073aR)	0604 (0605bR 1113aR)	0605 (0606bR 1274aR)	0606 (0607bR 1353aR)	0607 (0608bR 1066aR)	0608 (0609bR 1242aR)
0609 (0610bR 0901aR)	0610 (0611bR 1076aR)	0611 (0612bR 0385aR)	0612 (0613bR 1202aR)	0613 (0614bR 0436aR)	0614 (0615bR 1226aR)	0615 (0616bR 0773aR)
0616 (0617bR 0390aR)	0617 (0618bR 0773aR)	0618 (0619bR 1206aR)	0619 (0620bR 0843aR)	0620 (0621bR 1250aR)	0621 (0622bR 1050aR)	0622 (0623bR 0899aR)
0623 (0624bR 0621aR)	0624 (0625bR 0601aR)	0625 (0626bR 0562aR)	0626 (0627bR 0582aR)	0627 (0628bR 0631aR)	0628 (0629bR 1126aR)	0629 (0630bR 0843aR)
0630 (0631bR 1242aR)	0631 (0632bR 0898aR)	0632 (0633bR 1242aR)	0633 (0634bR 1057aR)	0634 (0635bR 1331aR)	0635 (0636bR 1271aR)	0636 (0637bR 1364aR)
0637 (0638bR 0685aR)	0638 (0639bR 0609aR)	0639 (0640bR 0599aR)	0640 (0641bR 1190aR)	0641 (0642bR 0805aR)	0642 (0643bR 1018aR)	0643 (0644bR 0902aR)
0644 (0645bR 1242aR)	0645 (0646bR 1058aR)	0646 (0647bR 0898aR)	0647 (0648bR 1260aR)	0648 (0649bR 0583aR)	0649 (0650bR 1066aR)	0650 (0651bR 1131aR)
0651 (0652bR 0419aR)	0652 (0653bR 0622aR)	0653 (0654bR 0708aR)	0654 (0655bR 0419aR)	0655 (0656bR 1361aR)	0656 (0657bR 1271aR)	0657 (0658bR 1314aR)
0658 (0659bR 0550aR)	0659 (0660bR 0805aR)	0660 (0661bR 1381aR)	0661 (0662bR 1077aR)	0662 (0663bR 0438aR)	0663 (0664bR 0762aR)	0664 (0665bR 0890aR)
0665 (0666bR 1061aR)	0666 (0667bR 0564aR)	0667 (0668bR 0901aR)	0668 (0669bR 1381aR)	0669 (0670bR 1077aR)	0670 (0671bR 0438aR)	0671 (0672bR 0639aR)
0672 (0673bR 1091aR)	0673 (0674bR 0614aR)	0674 (0675bR 0773aR)	0675 (0676bR 1071aR)	0676 (0677bR 1111aR)	0677 (0678bR 1282aR)	0678 (0679bR 1217aR)
0679 (0680bR 1204aR)	0680 (0681bR 0945aR)	0681 (0682bR 1113aR)	0682 (0683bR 1359aR)	0683 (0684bR 0599aR)	0684 (0685bR 1154aR)	0685 (0686bR 1062aR)
0686 (0687bR 1209aR)	0687 (0688bR 0554aR)	0688 (0689bR 1082aR)	0689 (0690bR 1209aR)	0690 (0691bR 1123aR)	0691 (0692bR 0622aR)	0692 (0693bR 0708aR)
0693 (0694bR 1073aR)	0694 (0695bR 0943aR)	0695 (0696bR 0578aR)	0696 (0697bR 1239aR)	0697 (0698bR 1311aR)	0698 (0699bR 0599aR)	0699 (0700bR 1387aR)
0700 (0701bR 1066aR)	0701 (0702bR 1260aR)	0702 (0703bR 0583aR)	0703 (0704aR 0937aR)	0704 (0705bR 1204aR)	0705 (0706bR 0389aR)	0706 (0707bR 0619aR)

0791 (0792bR   0554aR)	0792 (0793bR   1212aR)	0793 (0794bR   0570aR)	0794 (0795bR   0564aR)	0795 (0796bR   0410aR)	0796 (0797bR   0551aR)	0797 (0798bR   1351aR)
0798 (0799bR   0943aR)	0799 (0800bR   1332aR)	0800 (0801bR   0503aR)	0801 (0802bR   1315aR)	0802 (0803bR   1114aR)	0803 (0804bR   1249aR)	0804 (0805bR   1274aR)
0805 (0806bR   0933aR)	0806 (0807bR   1078aR)	0807 (0808bR   0639aR)	0808 (0809bR   1187aR)	0809 (0810bR   0619aR)	0810 (0811bR   0517aR)	0811 (0812bR   0614aR)
0812 (0813bR   0665aR)	0813 (0814bR   1122aR)	0814 (0815bR   0559aR)	0815 (0816bR   1351aR)	0816 (0817bR   0935aR)	0817 (0818bR   1312aR)	0818 (0819bR   0770aR)
0819 (0820bR   0899aR)	0820 (0821bR   0609aR)	0821 (0822bR   1158aR)	0822 (0823bR   0843aR)	0823 (0824bR   1217aR)	0824 (0825bR   0423aR)	0825 (0826bR   1353aR)
0826 (0827bR   0938aR)	0827 (0828bR   1082aR)	0828 (0829bR   1217aR)	0829 (0830bR   0423aR)	0830 (0831bR   1364aR)	0831 (0832bR   0685aR)	0832 (0833bR   0607aR)
0833 (0834bR   0601aR)	0834 (0835bR   1109aR)	0835 (0836bR   0773aR)	0836 (0837bR   1026aR)	0837 (0838bR   0922aR)	0838 (0839bR   1242aR)	0839 (0840bR   1093aR)
0840 (0841bR   1133aR)	0841 (0842bR   0609aR)	0842 (0843bR   0421aR)	0843 (0844bR   0613aR)	0844 (0845bR   1382aR)	0845 (0846bR   0773aR)	0846 (0847bR   0950aR)
0847 (0848bR   0633aR)	0848 (0849bR   1204aR)	0849 (0850bR   1226aR)	0850 (0851bR   0639aR)	0851 (0852bR   1322aR)	0852 (0853bR   1207aR)	0853 (0854bR   1158aR)
0854 (0855bR   0671aR)	0855 (0856bR   1189aR)	0856 (0857bR   1158aR)	0857 (0858bR   0639aR)	0858 (0859bR   1193aR)	0859 (0860bR   1364aR)	0860 (0861bR   0683aR)
0861 (0862bR   0515aR)	0862 (0863bR   0614aR)	0863 (0864bR   0639aR)	0864 (0865bR   1187aR)	0865 (0866bR   1353aR)	0866 (0867bR   0549aR)	0867 (0868bR   0570aR)
0868 (0869bR   0564aR)	0869 (0870bR   0410aR)	0870 (0871bR   0602aR)	0871 (0872bR   1207aR)	0872 (0873bR   1398aR)	0873 (0874bR   1398aR)	0874 (0875bR   1398aR)
0875 (0876bR   1398aR)	0876 (0877bR   1398aR)	0877 (0878bR   1398aR)	0878 (0879bR   1398aR)	0879 (0880bR   1398aR)	0880 (0881bR   1398aR)	0881 (0882bR   1398aR)
0882 (0883bR   1398aR)	0883 (0884bR   1398aR)	0884 (0885bR   1398aR)	0885 (0886bR   1398aR)	0886 (0887bR   1398aR)	0887 (0888bR   1398aR)	0888 (0889bR   1398aR)
0889 (0890bR   1398aR)	0890 (0891bR   1398aR)	0891 (0892bR   1398aR)	0892 (0893bR   1398aR)	0893 (0894bR   1398aR)	0894 (0895bR   1398aR)	0895 (0896bR   1398aR)
0896 (0897bR   1398aR)	0897 (0898bR   1398aR)	0898 (0899bR   1398aR)	0899 (0900bR   1398aR)	0900 (0901bR   1398aR)	0901 (0902bR   1398aR)	0902 (0903bR   1398aR)
0903 (0904bR   1398aR)	0904 (0905bR   1398aR)	0905 (0906bR   1398aR)	0906 (0907bR   1398aR)	0907 (0908bR   1398aR)	0908 (0909bR   1398aR)	0909 (0910bR   1398aR)
0910 (0911bR   1398aR)	0911 (0912bR   1398aR)	0912 (0913bR   1398aR)	0913 (0914bR   1398aR)	0914 (0915bR   1398aR)	0915 (0916bR   1398aR)	0916 (0917bR   1398aR)
0917 (0918bR   1398aR)	0918 (0919bR   1398aR)	0919 (0920bR   1398aR)	0920 (0921bR   1398aR)	0921 (0922bR   1398aR)	0922 (0923bR   1398aR)	0923 (0924bR   1398aR)
0924 (0925bR   1398aR)	0925 (0926bR   1398aR)	0926 (0927bR   1398aR)	0927 (0928bR   1398aR)	0928 (0929bR   1398aR)	0929 (0930bR   1398aR)	0930 (0931bR   1398aR)
0931 (0932bR   1398aR)	0932 (0933bR   1398aR)	0933 (0934bR   1398aR)	0934 (0935bR   1398aR)	0935 (0936bR   1398aR)	0936 (0937bR   1398aR)	0937 (0938bR   1398aR)
0938 (0939bR   1398aR)	0939 (0940bR   1398aR)	0940 (0941bR   1398aR)	0941 (0942bR   1398aR)	0942 (0943bR   1398aR)	0943 (0944bR   1398aR)	0944 (0945bR   1398aR)
0945 (0946bR   1398aR)	0946 (0947bR   1398aR)	0947 (0948bR   1398aR)	0948 (0949bR   1398aR)	0949 (0950bR   1398aR)	0950 (0951bR   1398aR)	0951 (0952bR   1398aR)
0952 (0953bR   1398aR)	0953 (0954bR   1398aR)	0954 (0955bR   1398aR)	0955 (0956bR   1398aR)	0956 (0957bR   1398aR)	0957 (0958bR   1	

1407 (1408aL|ERROR-) 1408 (1409aL|1408bL) 1409 (1410aR|1409bL) 1410 (1412aR|1411aR) 1411 (1412bR|1411bR) 1412 (1414aR|1413aR) 1413 (1415bL|1413bR)  
1414 (1415aL|ERROR-) 1415 (1416aL|1415bL) 1416 (1417aR|1416bL) 1417 (1419aR|1418aR) 1418 (1419bR|1418bR) 1419 (1421aR|1420aR) 1420 (1422bL|1420bR)  
1421 (1422aL|ERROR-) 1422 (1423aL|1422bL) 1423 (1424aR|1423bL) 1424 (1426aR|1425aR) 1425 (1426bR|1425bR) 1426 (1428aR|1427aR) 1427 (1429bL|1427bR)  
1428 (1429aL|ERROR-) 1429 (1430aL|1429bL) 1430 (1431aR|1430bL) 1431 (1433aR|1432aR) 1432 (1433bR|1432bR) 1433 (1435aR|1434aR) 1434 (1436bL|1434bR)  
1435 (1436aL|ERROR-) 1436 (1437aL|1436bL) 1437 (1438aR|1437bL) 1438 (1440aR|1439aR) 1439 (1440bR|1439bR) 1440 (1442aR|1441aR) 1441 (1443bL|1441bR)  
1442 (1443aL|ERROR-) 1443 (1444aL|1443bL) 1444 (1445aR|1444bL) 1445 (1447aR|1446aR) 1446 (1447bR|1446bR) 1447 (1449aR|1448aR) 1448 (1450bL|1448bR)  
1449 (1450aL|ERROR-) 1450 (1451aL|1450bL) 1451 (1452aR|1451bL) 1452 (1454aR|1453aR) 1453 (1454bR|1453bR) 1454 (1456aR|1455aR) 1455 (1457bL|1455bR)  
1456 (1457aL|ERROR-) 1457 (1458aL|1457bL) 1458 (1459aR|1458bL) 1459 (1461aR|1460aR) 1460 (1461bR|1460bR) 1461 (1463aR|1462aR) 1462 (1464bL|1462bR)  
1463 (1464aL|ERROR-) 1464 (1465aL|1464bL) 1465 (1466aR|1465bL) 1466 (1468aR|1467aR) 1467 (1468bR|1467bR) 1468 (1469aR|1470aR) 1469 (1471aR|ERROR-)  
1470 (1472bR|1470bR) 1471 (1472aL|ERROR-) 1472 (1473aL|1472bR) 1473 (1477aR|1474aL) 1474 (1475aL|1474bL) 1475 (1480aL|1475bL) 1476 (1472aR|1476bR)  
1477 (1478bL|ERROR-) 1478 (1479aL|ERROR-) 1479 (0375aR|1479aL) 1480 (1482bL|1481aL) 1481 (1485bL|1484aL) 1482 (1485aL|1485bL) 1483 (1486aR|1486bR)  
1484 (1488bL|1487aL) 1485 (1488aL|1488bL) 1486 (1489aR|1489bR) 1487 (1491bL|1490aL) 1488 (1491aL|1491bL) 1489 (1492aR|1492bR) 1490 (1494bL|1493aL)  
1491 (1494aL|1494bL) 1492 (1495aR|1495bR) 1493 (1497bL|1496aL) 1494 (1497aL|1497bL) 1495 (1498aR|1498bR) 1496 (1500bL|1499aL) 1497 (1500aL|1500bL)  
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1505 (1483bR|ERROR-) 1506 (1483aR|1483bR) 1507 (1508aR|1508bR) 1508 (1476aR|ERROR-) 1509 (0372aL|ERROR-) 1510 (1511aR|ERROR-) 1511 (1512aR|1512bR)  
1512 (1513bL|ERROR-) 1513 (1514aL|1514bL) 1514 (1515aR|1512bR) 1515 (1516aL|1518bL) 1516 (1517aL|1517bL) 1517 (1514aL|1514bL) 1518 (1519aL|1519bL)  
1519 (1514aL|1514bL) 1520 (1521aL|1523bL) 1521 (1522aL|1522bL) 1522 (1525aL|1525bL) 1523 (1524aL|1524bL) 1524 (1514aL|1514bL) 1525 (1526aR|1529bR)  
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1540 (1559aR|1559bR) 1541 (1542aR|1545bR) 1542 (1543bL|1541bR) 1543 (1544aR|1544aR) 1544 (1532aR|1532bR) 1545 (1546bL|1546bL) 1546 (1547aL|1547aR)  
1547 (1550aR|1550bR) 1548 (1549aR|1549aR) 1549 (1559aR|1559bR) 1550 (1551aR|1556bR) 1551 (1552aL|1554aL) 1552 (1553bR|1553bR) 1553 (1532aR|1532bR)  
1554 (1555bR|1555bR) 1555 (1541aR|1541bR) 1556 (1540aR|1557aR) 1557 (1558bR|1559bR) 1558 (1559aR|1559bR) 1559 (1558aR|1565bR) 1560 (1561bL|1563bL)  
1561 (1562bR|1562bR) 1562 (1532aR|1532bR) 1563 (1564bR|1564bR) 1564 (1541aR|1541bR) 1565 (1566bL|1559bR) 1566 (1567bR|1567bR) 1567 (1550aR|1550bR)  
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1582 (1577aL|1577bL) 1583 (1584aL|1586bL) 1584 (1585aL|1585bL) 1585 (1588aR|1588bL) 1586 (1587aL|1587bL) 1587 (1577aL|1577bL) 1588 (1589aR|1594bR)  
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1596 (1577aL|1577bL) 1597 (ERROR-|1598bR) 1598 (1599aR|1599bR) 1599 (1600aR|1601bR) 1600 (1604aR|1599bR) 1601 (1602aL|1599bR) 1602 (1603aR|1603aR)  
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1610 (1628aR|1609bR) 1611 (1609aR|1609bR) 1612 (1613aR|1618bR) 1613 (1614aL|1616bL) 1614 (1615aL|1615bL) 1615 (1617aL|1612bL) 1616 (1617aL|1617bL)  
1617 (1612aL|1612bL) 1618 (1619aL|1621bL) 1619 (1620aL|1620aL) 1620 (1633aL|1633bL) 1621 (1622aL|1622bL) 1622 (1612aL|1612bL) 1623 (1624aR|1627bR)  
1624 (1625aL|ERROR-) 1625 (1626aR|1626bR) 1626 (1514aL|1514bL) 1627 (1644aR|ERROR-) 1628 (1629aR|1630bR) 1629 (1628aR|1630bR) 1630 (1631aL|1609bR)  
1631 (1632aL|1632bL) 1632 (1514aL|1514bL) 1633 (1634aR|1639bR) 1634 (1635aL|1637bL) 1635 (1636aL|1636bL) 1636 (1612aL|1612bL) 1637 (1638aL|1638bR)  
1638 (1612aL|1612bL) 1639 (1640aL|1642bL) 1640 (1641aL|1641aL) 1641 (1623aL|1623bL) 1642 (1643aL|1643bL) 1643 (1612aL|1612bL) 1644 (1645aR|1646bR)  
1645 (1658aR|1649bR) 1646 (1647aL|ERROR-) 1647 (1648aL|1648bL) 1648 (1686aL|1686bL) 1649 (1650aR|1651bR) 1650 (1652aR|1652bR) 1651 (1652aR|1652bR)  
1652 (1653aR|1654bR) 1653 (1655aR|1655bR) 1654 (1655aR|1655bR) 1655 (1656aR|1657bR) 1656 (1671aR|1671bR) 1657 (1671aR|1671bR) 1658 (1659aR|1660bR)  
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1666 (1667aR|1667bR) 1667 (1671aL|1671bL) 1668 (ERROR-|1669bL) 1669 (1670aR|1670bR) 1670 (1674aL|1674bL) 1671 (1672aR|1673bR) 1672 (1644aR|1671bR)  
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1680 (1674aL|1674bL) 1681 (ERROR-|1682bL) 1682 (1683aR|1683bR) 1683 (1674aL|1674bL) 1684 (ERROR-|1685bR) 1685 (ERROR-|1644aR) 1686 (1687aR|1692bR)  
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1701 (1762aR|1702bL) 1702 (1703aL|1703aL) 1703 (1686aL|1686bL) 1704 (1705aR|1708bR) 1705 (1704aR|1706aL) 1706 (1707aR|1707aR) 1707 (1713aR|1713bR)  
1708 (1709aL|1711aL) 1709 (1710aR|1710aR) 1710 (1740aR|1740bR) 1711 (1712aR|1712aR) 1712 (1713aR|1713bR) 1713 (1714aR|1717bR) 1714 (1715bL|1713bR)  
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1736 (1713aR|1713bR) 1737 (1738bL|1731bR) 1738 (1739bR|1739bR) 1739 (1722aR|1722bR) 1740 (1741bL|ERROR-) 1741 (1742aL|1742bL) 1742 (1743aR|1748bR)  
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1771 (1772aR|1772bR) 1772 (1764aL|1764bL) 1773 (1774aR|1774bR) 1774 (1764aL|1764bL) 1775 (1776aL|1778bL) 1776 (1777aL|1777bL) 1777 (1778aL|1788bL)  
1778 (1779aR|1779bR) 1779 (1764aL|1764bL) 1780 (1781aR|1782bR) 1781 (1783aR|1780bR) 1782 (1780aR|1780bR) 1783 (1784aR|1785bR) 1784 (1783aR|1780bR)  
1785 (1786aL|1780bR) 1786 (1787aL|1787bL) 1787 (1686aL|1686bL) 1788 (1789aR|1794bR) 1789 (1790aL|1792bL) 1790 (1791aL|1791bL) 1791 (1788aL|1788bR)  
1792 (1793aL|1793bL) 1793 (1788aL|1788bL) 1794 (1795aL|1797bL) 1795 (1796aL|1796bL) 1796 (1829aL|1829bL) 1797 (1798aL|1798bL) 1798 (1788aL|1788bL)  
1799 (1800aR|1801bR) 1800 (1838aR|1838bR) 1801 (1838aR|1838bR) 1802 (1803bR|ERROR-) 1803 (1804aR|1804bR) 1804 (1805aR|1806bR) 1805 (1804aR|1804bR)  
1806 (1807aR|1804bR) 1807 (1808bR|ERROR-) 1808 (1809aR|1809bR) 1809 (1810bL|ERROR-) 1810 (1811aL|1811bL) 1811 (1812aR|1815bL) 1812 (1813aL|ERROR-)  
1813 (1814aR|1814bR) 1814 (1818aL|1818bL) 1815 (1816aL|ERROR-) 1816 (1817aL|1817bL) 1817 (1811aL|1811bL) 1818 (1819aR|1824bR) 1819 (1820aL|1822bL)  
1820 (1821aL|1821bL) 1821 (1818aL|1818bL) 1822 (1823aL|1823bL) 1823 (1818aL|1818bL) 1824 (1825aL|1827bL) 1825 (1826aL|1826bL) 1826 (1841aL|1841bL)  
1827 (1828aL|1828bL) 1828 (1818aL|1818bL) 1829 (1830aR|1835bR) 1830 (1831aL|1833bL) 1831 (1832aL|1832bL) 1832 (1788aL|1788bL) 1833 (1834aL|1834bL)  
1834 (1788aL|1788bL) 1835 (1799aR|1836bL) 1836 (1837aL|1837bL) 1837 (1788aL|1788bL) 1838 (1839aR|1840bR) 1839 (1802aR|1802bR) 1840 (1802aR|1802bR)  
1841 (1842aR|1847bR) 1842 (1843aL|1845bL) 1843 (1844aL|1844bL) 1844 (1841aL|1841bL) 1845 (1846aR|1846bR) 1846 (1852aL|1852bL) 1847 (1848aL|1850bL)  
1848 (1849aR|1849aR) 1849 (1841aL|1841bL) 1850 (1851aR|1851bL) 1851 (1852aL|1852bL) 1852 (1853aR|1858bR) 1853 (1854aL|1856bL) 1854 (1855aL|1855bL)  
1855 (1865aL|1865bL) 1856 (1857aL|1857bL) 1857 (1852aL|1852bL) 1858 (1859aL|1861bL) 1859 (1860aL|1860bL) 1860 (1852aL|1852bL) 1861 (1862aL|1862bL)  
1862 (1852aL|1852bL) 1863 (1864bR|ERROR-) 1864 (1874aR|1874bR) 1865 (1866aR|1869bR) 1866 (1863aR|1867bL) 1867 (1868aL|1868bL) 1868 (1852aL|1852bL)  
1869 (1870aL|1872bL) 1870 (1871aL|1871bL) 1871 (1852aL|1852bL) 1872 (1873aL|1873bL) 1873 (1852aL|1852bL) 1874 (1875aR|1880bR) 1875 (1876aL|1878aL)  
1876 (1877aL|1877bL) 1877 (1887aL|1887bL) 1878 (1879bL|1879bL) 1879 (1883aL|1883bL) 1880 (ERROR-|1881aL) 1881 (1882bL|1882bL) 1882 (1885aL|1885bL)  
1883 (ERROR-|1884aR) 1884 (1919bR|ERROR-) 1885 (ERROR-|1886bR) 1886 (1921bR|ERROR-) 1887 (1888aR|1891bR) 1888 (1896aR|1889bL) 1889 (1890aL|1890bL)  
1890 (1887aL|1887bL) 1891 (1892aL|1894bL) 1892 (1893aL|1893bL) 1893 (1887aL|1887bL) 1894 (1895aL|1895bL) 1895 (1887aL|1887bL) 1896 (1897aR|1900bR)  
1897 (ERROR-|1898aL) 1898 (1899bR|1899bR) 1899 (1905aR|1905bR) 1900 (1901aL|1903aL) 1901 (1902aR|1902bR) 1902 (1923aL|1923bL) 1903 (1904bR|1904bR)  
1904 (1912aR|1912bR) 1905 (1906aR|1907bR) 1906 (ERROR-|1905bR) 1907 (1908bL|1910bL) 1908 (1909aR|1909aR) 1909 (1923aL|1923bL) 1910 (1911aR|1911aR)  
1911 (1912aR|1912bR) 1912 (1913aR|1916bR) 1913 (ERROR-|1914bL) 1914 (1915bR|1915bR) 1915 (1905aR|1905bR) 1916 (1917bL|1912bR) 1917 (1918bR|1918bR)  
1918 (1923aL|1923bL) 1919 (ERROR-|1920bR) 1920 (1926aR|1926bR) 1921 (ERROR-|1922bR) 1922 (1929aR|1929bR) 1923 (1924aR|1925bR) 1924 (1923aR|1923bR)  
1925 (1932aR|1923bR) 1926 (1927aR|1928bR) 1927 (1926aR|1926bR) 1928 (1941aR|1926bR) 1929 (1930aR|1931bR) 1930 (1929aR|1929bR) 1931 (1932aR|1929bR)  
1932 (1933aR|1938bR) 1933 (1934aL|1936bL) 1934 (1935aL|1935bL) 1935 (2106aL|2106bL) 1936 (1937aR|1937bR) 1937 (1992aL|1992bL) 1938 (ERROR-|1939bR)  
1939 (1940aR|1940bR) 1940 (1992aL|1992bL) 1941 (1942aR|1947bR) 1942 (1943aL|1945aL) 1943 (1944aR|1944bR) 1944 (1992aL|1992bL) 1945 (1946bL|1946bL)  
1946 (1950aL|1950bL) 1947 (ERROR-|1948bL) 1948 (1949aR|1949bR) 1949 (1992aL|1992bL) 1950 (ERROR-|1951aR) 1951 (1963bL|ERROR-) 1952 (1953aR|1958bR)  
1953 (1954aL|1956bL) 1954 (1955aR|1955bR) 1955 (1992aL|1992bL) 1956 (1957aR|1957bR) 1957 (1992aL|1992bL) 1958 (ERROR-|1959aL) 1959 (1960bL|1960bL)  
1960 (1961aL|1961bL) 1961 (ERROR-|1962bR) 1962 (1963bL|ERROR-) 1963 (1964aR|1969bR) 1964 (1965aL|1967bL) 1965 (1966aL|1966bL) 1966 (1963aL|1963bL)  
1967 (1968aL|1968bR) 1968 (1963aL|1963bL) 1969 (1874aR|1970bL) 1970 (1971aL|1971bL) 1971 (1963aL|1963bL) 1972 (1973aR|ERROR-) 1973 (1977aR|1974bR)  
1974 (1975aR|1976bR) 1975 (2016aR|2016bR) 1976 (2016aR|2016bR) 1977 (1978aR|1981bR) 1978 (1979aL|1982bR) 1979 (1980bL|1980bL) 1980 (2005aL|2005bL)  
1981 (ERROR-|1982bR) 1982 (1983aR|1984bR) 1983 (1985aR|1982bR) 1984 (1982aR|1982bR) 1985 (1986aR|1989bR) 1986 (1972aR|1987bL) 1987 (1988aR|1988bR)  
1988 (1992aL|1992bL) 1989 (ERROR-|1990bL) 1990 (1991aR|1991bR) 1991 (1995aL|1995bL) 1992 (1993aR|1994bR) 1993 (1972aR|1992bR) 1994 (1992aR|1992bR)  
1995 (1996aR|1997bR) 1996 (1998aR|1995bR) 1997 (1995aR|1995bR) 1998 (1999aR|2002bR) 1999 (1977aR|2000bL) 2000 (2001aR|2001bR) 2001 (1995aL|1995bL)  
2002 (ERROR-|2003bL) 2003 (2004aR|2004bR) 2004 (1995aL|1995bL) 2005 (2006aR|2011bR) 2006 (2007aL|2009bL) 2007 (2008aL|2008bL) 2008 (2005aL|2005bL)  
2009 (2010aL|2010bL) 2010 (2005aL|2005bL) 2011 (2012aL|2014bL) 2012 (2013aR|2013bR) 2013 (2022aL|2022bL) 2014 (2015aL|2015bL) 2015 (2005aL|2005bL)  
2016 (2017aR|2018bR) 2017 (2019aR|2019bR) 2018 (2019aR|2019bR) 2019 (2020aR|2021bR) 2020 (1992aR|1992bR) 2021 (1992aR|1992bR) 2022 (2023aR|2026bR)

2023 (2031aL  2024bL)	2024 (2025aL  2025bL)	2025 (2022aL  2022bL)	2026 (2027aL  2029bL)	2027 (2028aL  2028bL)	2028 (2022aL  2022bL)	2029 (2030aL  2030bL)
2030 (2022aL  2022bL)	2031 (2032aR  2035bR)	2032 (ERROR-  2033aL)	2033 (2034aR  2034aR)	2034 (2040aR  2040bR)	2035 (2036aL  2038aL)	2036 (2037aR  2037aR)
2037 (2054aL  2054bL)	2038 (2039aR  2039aR)	2039 (2047aR  2047bR)	2040 (2041aR  2042bR)	2041 (ERROR-  2040bR)	2042 (2043bL  2045bL)	2043 (2044aR  2044aR)
2044 (2054aL  2054bL)	2045 (2046aR  2046aR)	2046 (2047aR  2047bR)	2047 (2048aR  2051bR)	2048 (ERROR-  2049bL)	2049 (2050bR  2050bR)	2050 (2040aR  2040bR)
2051 (2052bL  2047bR)	2052 (2053bR  2053bR)	2053 (2054aL  2054bL)	2054 (2055aR  2060bR)	2055 (2056aL  2058bL)	2056 (2057aL  2057bL)	2057 (2054aL  2054bL)
2058 (2059aL  2059bL)	2059 (2054aL  2054bL)	2060 (2061aL  2063bL)	2061 (2062aR  2062bR)	2062 (2065aL  2065bL)	2063 (2064aL  2064bL)	2064 (2054aL  2054bL)
2065 (2066aR  2069bR)	2066 (2074aR  2067bL)	2067 (2068aL  2068bL)	2068 (2065aL  2065bL)	2069 (2070aL  2072bL)	2070 (2071aL  2071bL)	2071 (2065aL  2065bL)
2072 (2073aL  2073bL)	2073 (2065aL  2065bL)	2074 (2075aR  2078bR)	2075 (ERROR-  2076aL)	2076 (2077bR  2077bR)	2077 (2083aR  2083bR)	2078 (2079aL  2081aL)
2079 (2080aR  2080bR)	2080 (2097aL  2097bL)	2081 (2082bR  2082bR)	2082 (2090aR  2090bR)	2083 (2084aR  2085bR)	2084 (ERROR-  2083bR)	2085 (2086bL  2088bL)
2086 (2087aR  2087aR)	2087 (2097aL  2097bL)	2088 (2089aR  2089aR)	2089 (2090aR  2090bR)	2090 (2091aR  2094bR)	2091 (ERROR-  2092bL)	2092 (2093bR  2093bR)
2093 (2083aR  2083bR)	2094 (2095bL  2090bR)	2095 (2096bR  2096bR)	2096 (2097aL  2097bL)	2097 (2098aR  2103bR)	2098 (2099aL  2101bL)	2099 (2100aL  2100bL)
2100 (2097aL  2097bL)	2101 (2102aL  2102bL)	2102 (2097aL  2097bL)	2103 (1874aR  2104bL)	2104 (2105aL  2105bL)	2105 (2097aL  2097bL)	2106 (2107aR  2110bR)
2107 (2115aR  2108bL)	2108 (2109aL  2109bL)	2109 (2106aL  2106bL)	2110 (2111aL  2113bL)	2111 (2112aL  2112bL)	2112 (2106aL  2106bL)	2113 (2114aL  2114bL)
2114 (2106aL  2106bL)	2115 (2116aR  2119bR)	2116 (ERROR-  2117aL)	2117 (2118bR  2118bR)	2118 (2124aR  2124bR)	2119 (2120aL  2122aL)	2120 (2121aR  2121bR)
2121 (2138aL  2138bL)	2122 (2123bR  2123bR)	2123 (2131aR  2131bR)	2124 (2125aR  2126bR)	2125 (ERROR-  2124bR)	2126 (2127bL  2129bL)	2127 (2128aR  2128aR)
2128 (2138aL  2138bL)	2129 (2130aR  2130aR)	2130 (2131aR  2131bR)	2131 (2132aR  2135bR)	2132 (ERROR-  2133bL)	2133 (2134bR  2134bR)	2134 (2124aR  2124bR)
2135 (2136bL  2131bR)	2136 (2137bR  2137bR)	2137 (2138aL  2138bL)	2138 (2139aR  2144aR)	2139 (2140aL  2142bL)	2140 (2141aL  2141bL)	2141 (2138aL  2138bL)
2142 (2143aL  2143bL)	2143 (2138aL  2138bL)	2144 (2145aL  2147bL)	2145 (2146aL  2146bL)	2146 (2149aL  2149bL)	2147 (2148aL  2149bL)	2148 (2138aL  2138bL)
2149 (2150aR  2155bR)	2150 (2151aL  2153bL)	2151 (2152aL  2152bL)	2152 (2149aL  2149bL)	2153 (2154aL  2154bL)	2154 (2149aL  2149bL)	2155 (2158aR  2156bL)
2156 (2157aL  2157bL)	2157 (2149aL  2149bL)	2158 (2159aR  2162bR)	2159 (2167aR  2160bL)	2160 (2161aL  2161bL)	2161 (2158aL  2158bL)	2162 (2163aL  2165bL)
2163 (2164aL  2164bL)	2164 (2158aL  2158bL)	2165 (2166aL  2166bL)	2166 (2158aL  2158bL)	2167 (2168aR  2171bR)	2168 (ERROR-  2169aL)	2169 (2170aR  2170aR)
2170 (2176aR  2176bR)	2171 (2172aL  2174aL)	2172 (2173aR  2173aR)	2173 (2190aL  2190bL)	2174 (2175aR  2175aR)	2175 (2183aR  2183bR)	2176 (2177aR  2178bR)
2177 (ERROR-  2176bR)	2178 (2179bL  2181bL)	2179 (2180aR  2180aR)	2180 (2190aL  2190bL)	2181 (2182aR  2182aR)	2182 (2183aR  2183bR)	2183 (2184aR  2187bR)
2184 (ERROR-  2185bL)	2185 (2186bR  2186bR)	2186 (2176aR  2176bR)	2187 (2188bL  2183bR)	2188 (2189bR  2189bR)	2189 (2190aL  2190bL)	2190 (2191aR  2196bR)
2191 (2192aL  2194bL)	2192 (2193aL  2193bL)	2193 (2240aL  2240bL)	2194 (2195aL  2195bL)	2195 (2190aL  2190bL)	2196 (2197aL  2199bL)	2197 (2198aL  2198bL)
2198 (2190aL  2190bL)	2199 (2200aL  2200bL)	2200 (2190aL  2190bL)	2201 (2202aR  2207bR)	2202 (2203aL  2205bL)	2203 (2204aL  2204bL)	2204 (2201aL  2201bL)
2205 (2206aR  2206bR)	2206 (2210aL  2210bL)	2207 (ERROR-  2208bR)	2208 (2209aR  2209bR)	2209 (2210aL  2210bL)	2210 (2211aR  2216bR)	2211 (2212aL  2214bL)
2212 (2213bR  2213bR)	2213 (2221aR  2221bR)	2214 (2215aL  2215bL)	2215 (2210aL  2210bL)	2216 (2217aL  2219bL)	2217 (2218aL  2218bL)	2218 (2210aL  2210bL)
2219 (2220aL  2220bL)	2220 (2210aL  2210bL)	2221 (2222aR  2223bR)	2222 (2221aR  2221bR)	2223 (2224aL  2221bR)	2224 (2225aR  2225aR)	2225 (2226aR  2226bR)
2226 (2227aR  2228bR)	2227 (2229aR  2226bR)	2228 (2226aR  2226bR)	2229 (2230bL  2230bR)	2230 (2231aL  2231bL)	2231 (2232aR  2237bR)	2232 (2233aL  2235bL)
2233 (2234aL  2234bL)	2234 (2231aL  2231bL)	2235 (2236aL  2236bL)	2236 (2231aL  2231bL)	2237 (2262aR  2238bL)	2238 (2239aR  2239bL)	2239 (2231aL  2231bL)
2240 (2241aR  2246bR)	2241 (2242aL  2244bL)	2242 (2243aL  2243bL)	2243 (2251aL  2251bL)	2244 (2245aL  2245bL)	2245 (2190aL  2190bL)	2246 (2247aL  2249bR)
2247 (2248aR  2248bL)	2248 (2190aL  2190bL)	2249 (2250aL  2250bL)	2250 (2190aL  2190bL)	2251 (2252aR  2257bR)	2252 (2253aL  2255bL)	2253 (2254aR  2254bR)
2254 (2201aL  2201bL)	2255 (2256aL  2256bL)	2256 (2190aL  2190bL)	2257 (2258aL  2260bL)	2258 (2259aL  2259bL)	2259 (2190aL  2190bL)	2260 (2261aL  2261bL)
2261 (2190aL  2190bL)	2262 (2263aR  2268bR)	2263 (2264aL  2266aL)	2264 (2265aL  2265bL)	2265 (2275aL  2275bL)	2266 (2267bL  2267bL)	2267 (2271aL  2271bL)
2268 (ERROR-  2269aL)	2269 (2270bL  2270bL)	2270 (2273aL  2273bL)	2271 (ERROR-  2272aR)	2272 (2307bR  ERROR-)	2273 (ERROR-  2274bR)	2274 (2309bR  ERROR-)
2275 (2276aR  2279bR)	2276 (2284aR  2277bL)	2277 (2278aL  2278bL)	2278 (2275aL  2275bL)	2279 (2280aL  2282bL)	2280 (2281aL  2281bL)	2281 (2275aL  2275bL)
2282 (2283aL  2283bL)	2283 (2275aL  2275bL)	2284 (2285aR  2288bR)	2285 (ERROR-  2286aR)	2286 (2287bR  2287bR)	2287 (2293aR  2293bR)	2288 (2289aL  2291aL)
2289 (2290aR  2290bR)	2290 (2311aL  2311bL)	2291 (2292bR  2292bR)	2292 (2300aR  2300bR)	2293 (2294aR  2295bR)	2294 (ERROR-  2293bR)	2295 (2296bL  2298bL)
2296 (2297aR  2297aR)	2297 (2311aL  2311bL)	2298 (2299aR  2299aR)	2299 (2300aR  2300bR)	2300 (2301aR  2304bR)	2301 (ERROR-  2302bL)	2302 (2303bR  2303bR)
2303 (2293aR  2293bR)	2304 (2305bL  2300bR)	2305 (2306bR  2306bR)	2306 (2311aL  2311bL)	2307 (ERROR-  2308bR)	2308 (2314aR  2314bR)	2309 (ERROR-  2310bR)
2310 (2317aR  2317bR)	2311 (2312aR  2313bR)	2312 (2311aR  2311bR)	2313 (2320aR  2311bR)	2314 (2315aR  2316bR)	2315 (2314aR  2314bR)	2316 (2329aR  2314bR)
2317 (2318aR  2319bR)	2318 (2317aL  2317bR)	2319 (2340aR  2317bR)	2320 (2321aR  2326bR)	2321 (2322aL  2324bL)	2322 (2323aL  2323bL)	2323 (2493aL  2493bL)
2324 (2325aR  2325bR)	2325 (2360aL  2360bL)	2326 (ERROR-  2327bL)	2327 (2328aR  2328bR)	2328 (2360aL  2360bL)	2329 (2330aR  2335bR)	2330 (2331aL  2333aL)
2331 (2332aR  2332bR)	2332 (2360aL  2360bL)	2333 (2334bL  2334bL)	2334 (2338aL  2338bL)	2335 (ERROR-  2336bL)	2336 (2337aR  2337bR)	2337 (2360aL  2360bL)
2338 (ERROR-  2339aR)	2339 (2351bL  ERROR-)	2340 (2341aR  2346bR)	2341 (2342aL  2344bL)	2342 (2343aR  2343bR)	2343 (2360aL  2360bL)	2344 (2345aR  2345bR)
2345 (2360aL  2360bL)	2346 (ERROR-  2347aL)	2347 (2348bL  2348bL)	2348 (2349aL  2349bL)	2349 (ERROR-  2350bR)	2350 (2351bL  ERROR-)	2351 (2352aR  2357bR)
2352 (2353aL  2355bL)	2353 (2354aL  2354bL)	2354 (2351aL  2351bL)	2355 (2356aL  2356bL)	2356 (2351aL  2351bL)	2357 (2262aR  2358bL)	2358 (2359aL  2359bR)
2359 (2351aL  2351bL)	2360 (2361aR  2362bR)	2361 (2370aR  2360bR)	2362 (2360aR  2360bR)	2363 (2364aR  2367bR)	2364 (2365aL  2367bR)	2365 (2366bL  2366bL)
2366 (2392aL  2392bL)	2367 (2368aR  2369bR)	2368 (2403aR  2403bR)	2369 (2403aR  2403bR)	2370 (2371aR  2374bR)	2371 (2363aR  2372bL)	2372 (2373aR  2373bR)
2373 (2377aL  2377bL)	2374 (ERROR-  2375bL)	2375 (2376aR  2376bR)	2376 (2380aL  2380bL)	2377 (2378aR  2379bR)	2378 (2363aR  2377bR)	2379 (2377aR  2377bR)
2380 (2381aR  2382bR)	2381 (2383aR  2380bR)	2382 (2380aR  2380bR)	2383 (2384aR  2389bR)	2384 (2385aL  2387bL)	2385 (2386bL  2386bL)	2386 (2392aL  2392bL)
2387 (2388aR  2388bR)	2388 (2380aL  2380bL)	2389 (ERROR-  2390bL)	2390 (2391aR  2391bR)	2391 (2380aL  2398bL)	2392 (2393aR  2398bR)	2393 (2394aL  2396bL)
2394 (2395aL  2395bL)	2395 (2392aL  2392bL)	2396 (2397aL  2397bL)	2397 (2392aL  2392bL)	2398 (2399aL  2401bL)	2399 (2400aR  2400bR)	2400 (2409aL  2409bL)
2401 (2402aL  2402bL)	2402 (2392aL  2392bL)	2403 (2404aR  2405bR)	2404 (2406aR  2406bR)	2405 (2406aR  2406bR)	2406 (2407aR  2408bR)	2407 (2377aR  2377bR)
2408 (2377aR  2377bR)	2409 (2410aR  2413bR)	2410 (2418aR  2411bL)	2411 (2412aL  2412bL)	2412 (2409aL  2409bL)	2413 (2414aL  2416bL)	2414 (2415aL  2415bL)
2415 (2409aL  2409bL)	2416 (2417aL  2417bL)	2417 (2409aL  2409bL)	2418 (2419aR  2422bR)	2419 (ERROR-  2420aL)	2420 (2421aR  2421aR)	2421 (2427aR  2427bR)
2422 (2423aL  2425aL)	2423 (2424aR  2424aR)	2424 (2441aL  2441bL)	2425 (2442aR  2426aR)	2426 (2434aR  2434bR)	2427 (2428aR  2429bR)	2428 (ERROR-  2427bR)
2429 (2430bL  2432bL)	2430 (2431aR  2431aR)	2431 (2441aL  2441bL)	2432 (2433aR  2433aR)	2433 (2434aR  2434bR)	2434 (2435aR  2438bR)	2435 (ERROR-  2436bL)
2436 (2437bR  2437bR)	2437 (2427aR  2427bR)	2438 (2439bL  2434bR)	2439 (2440bR  2440bR)	2440 (2441aL  2441bL)	2441 (2442aR  2447bR)	2442 (2443aL  2445bL)
2443 (2444aL  2444bL)	2444 (2441aL  2441bL)	2445 (2446aL  2446bL)	2446 (2441aL  2441bL)	2447 (2448aL  2449bL)	2448 (2449aL  2449bR)	2449 (2452aL  2452bL)
2450 (2451aL  2451bL)	2451 (2441aL  2441bL)	2452 (2453aR  2456bR)	2453 (2461aR  2454bL)	2454 (2455aL  2455bL)	2455 (2452aL  2452bL)	2456 (2457aL  2459bR)
2457 (2458aL  2458bL)	2458 (2452aL  2452bL)	2459 (2460aL  2460bL)	2460 (2452aL  2452bL)	2461 (2462aR  2465bR)	2462 (ERROR-  2463aL)	2463 (2464bR  2464bR)
2464 (2470aR  2470bR)	2465 (2466aL  2468aL)	2466 (2467aR  2467bR)	2467 (2484aL  2484bL)	2468 (2469bR  2469bR)	2469 (2477aR  2477bR)	2470 (2471aR  2472bR)
2471 (ERROR-  2470bR)	2472 (2473bL  2475bL)	2473 (2474aR  2474aR)	2474 (2484aL  2484bL)	2475 (2476aR  2476aR)	2476 (2477aR  2477bR)	2477 (2478aR  2481bR)
2478 (ERROR-  2479bL)	2479 (2480bR  2480bR)	2480 (2470aR  2470bR)	2481 (2482bL  2477bR)	2482 (2483bR  2483bR)	2483 (2484aL  2484bL)	2484 (2485aR  2490bR)
2485 (2486aL  2488bL)	2486 (2487aL  2487bL)	2487 (2484aL  2484bL)	2488 (2489aL  2489bL)	2489 (2484aL  2484bL)	2490 (2262aR  2491bL)	2491 (2492aL  2492bL)
2492 (2484aL  2484bL)	2493 (2494aR  2497bR)	2494 (2502aR  2495bL)	2495 (2496aL  2496bL)	2496 (2493aL  2493bL)	2497 (2498aL  2500bL)	2498 (2499aL  2499bL)
2499 (2493aL  2493bL)	2500 (2501aL  2501bL)	2501 (2493aL  2493bL)	2502 (2503aR  2506bR)	2503 (ERROR-  2504aL)	2504 (2505bR  2505bR)	2505 (2511aR  2511bR)
2506 (2507aL  2509aL)	2507 (2508aR  2508bR)	2508 (2525aL  2525bL)	2509 (2510bR  2510bR)	2510 (2518aR  2518bR)	2511 (2512aR  2513bR)	2512 (ERROR-  2511bR)
2513 (2514bL  2516bL)	2514 (2515aR  2515aR)	2515 (2525aL  2525bL)	2516 (2517aR  2517aR)	2517 (2518aR  2518bR)	2518 (2519aR  2522bR)	2519 (ERROR-  2520bL)
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2527 (2528aL  2528bL)	2528 (2525aL  2525bL)	2529 (2530aL  2530bL)	2530 (2525aL  2525bL)	2531 (2532aL  2534bL)	2532 (2533aL  2533	

2639 (2642aR| 2642bR) 2640 (2641aR| 2641aR) 2641 (2651aR| 2651bR) 2642 (2643aR| 2648bR) 2643 (2644aL| 2646aL) 2644 (2645bR| 2645bR) 2645 (2660aR| 2660bR) 2646 (2647bR| 2647bR) 2647 (2633aR| 2633bR) 2648 (2669aR| 2649aL) 2649 (2650bR| 2650bR) 2650 (2651aR| 2651bR) 2651 (2652aR| 2657bR) 2652 (2653bL| 2655bL) 2653 (2654bR| 2654bR) 2654 (2660aR| 2660bR) 2655 (2656bR| 2656bR) 2656 (2658bR| 2651bR) 2657 (2659bR| 2659bR) 2658 (2661aR| 2661aR) 2659 (2662aR| 2642bR) 2660 (2661aR| 2664bR) 2661 (2660aR| 2662aL) 2662 (2663aR| 2663aR) 2663 (2633aR| 2633bR) 2664 (2665aL| 2667aL) 2665 (2666aR| 2666aR) 2666 (2642aR| 2642bR) 2667 (2668aR| 2668aR) 2668 (2651aR| 2651bR) 2669 (2670aR| 2675bR) 2670 (2671aL| 2673aL) 2671 (2672bR| 2672bR) 2672 (2660aR| 2660bR) 2673 (2674bR| 2674bR) 2674 (2633aR| 2633bR) 2675 (2677bR| 2676aL) 2676 (2677bR| 2677bR) 2677 (2651aR| 2651bR) 2678 (2679bR| 2679bR) 2679 (2680aL| 2680bL) 2680 (2681aR| 2684bR) 2681 (2682aL| 2682aL) 2682 (2683aR| 2683bR) 2683 (2687aL| 2687bL) 2684 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3255 (3256aR| 3257bR) 3256 (3247aR| 3247bR) 3257 (3250aR| 3247bR) 3258 (3259aR| 3264bR) 3259 (3260aL| 3262bL) 3260 (3261bL| 3261bL) 3261 (3291aL| 3291bL)  
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3612 (3613aR| 3614bR) 3613 (3618aR| 3618bR) 3614 (3618aR| 3618bR) 3615 (3616aR| 3617bR) 3616 (3601aR| 3615bR) 3617 (3615aR| 3615bR) 3618 (3619aR| 3620bR)  
3619 (3621aR| 3621bR) 3620 (3621aR| 3621bR) 3621 (3622aR| 3623bR) 3622 (3615aR| 3615bR) 3623 (3615aR| 3615bR) 3624 (3625aR| 3628bR) 3625 (3667aR| 3626bL)  
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3633 (3634aR| 3634bR) 3634 (3645aL| 3645bL) 3635 (ERROR-| 3636bR) 3636 (3637aR| 3637bR) 3637 (3656aL| 3656bL) 3638 (3639aR| 3644aR) 3639 (3640aL| 3642bL)  
3640 (3641aR| 3641bR) 3641 (3645aL| 3656bL) 3642 (3643aR| 3643bR) 3643 (3645aL| 3645bL) 3644 (ERROR-| 3667bR) 3645 (3646aR| 3651bR) 3646 (3647aL| 3649bL)  
3647 (3648aL| 3648bL) 3648 (3645aL| 3645bL) 3649 (3650aL| 3650bL) 3650 (3645aL| 3645bL) 3651 (3652aL| 3654bL) 3652 (3653aL| 3653bL) 3653 (3754aL| 3754bL)  
3654 (3655aL| 3655bL) 3655 (3645aL| 3645bL) 3656 (3657aR| 3662bR) 3657 (3658aL| 3660bL) 3658 (3659aL| 3659bL) 3659 (3656aL| 3656bL) 3660 (3661aL| 3661bL)  
3661 (3656aL| 3656bL) 3662 (3663aL| 3665bL) 3663 (3664aL| 3664bL) 3664 (3818aL| 3818bL) 3665 (3666aL| 3666bL) 3666 (3656aL| 3656bL) 3667 (3668aR| 3673bR)  
3668 (3669aL| 3671bL) 3669 (3670aR| 3670bR) 3670 (3954aL| 3954bL) 3671 (3672aR| 3672bR) 3672 (4020aL| 4020bL) 3673 (ERROR-| 3674bL) 3674 (3675aR| 3675bR)  
3675 (4086aL| 4086bL) 3676 (3677aR| 3682bR) 3677 (3678bL| 3680bL) 3678 (3679aR| 3679aR) 3679 (3694aL| 3694bL) 3680 (3691bR| 3681bR) 3681 (3694aL| 3694bL)  
3682 (ERROR-| 3683aL) 3683 (3684aR| 3684aR) 3684 (3694aL| 3694bL) 3685 (3686aR| 3691bR) 3686 (3687bL| 3689aL) 3687 (3688bR| 3688bR) 3688 (3694aL| 3694bL)  
3689 (3690aR| 3690aR) 3690 (3694aL| 3694bL) 3691 (ERROR-| 3692bL) 3692 (3693aR| 3693aR) 3693 (3694aL| 3694bL) 3694 (3695aR| 3696bR) 3695 (3915aR| 3694bL)  
3696 (3694aR| 3694bR) 3697 (3698aR| 3699bR) 3698 (3951aR| 3951bR) 3699 (3951aR| 3951bR) 3700 (3701aR| 3706bR) 3701 (3702aL| 3704aR) 3702 (3703bR| 3703bR)  
3703 (3718aR| 3718bR) 3704 (3705bR| 3705bR) 3705 (3720aR| 3720bR) 3706 (ERROR-| 3707aR) 3707 (3708bR| 3708bR) 3708 (3722aR| 3722bR) 3709 (3710aR| 3715bR)  
3710 (3711aL| 3713aL) 3711 (3712bL| 3712bL) 3712 (3718aL| 3718bL) 3713 (3714bL| 3714bL) 3714 (3720aL| 3720bL) 3715 (ERROR-| 3716aL) 3716 (3717bL| 3717bL)  
3717 (3722aL| 3722bL) 3718 (ERROR-| 3719aR) 3719 (3724aL| 3724bL) 3720 (ERROR-| 3721aR) 3721 (3724bL| ERROR-) 3722 (ERROR-| 3723bR) 3723 (3724bL| ERROR-)  
3724 (3725aR| 3726bR) 3725 (3724aR| 3724bR) 3726 (4160aR| 3724bR) 3727 (3728aR| 3731bR) 3728 (3727aR| 3729bL) 3729 (3730aR| 3730bR) 3730 (3734aL| 3734bL)  
3731 (ERROR-| 3732bL) 3732 (3733aR| 3733bR) 3733 (3734aL| 3734bL) 3734 (3735aR| 3738bR) 3735 (3736aL| 3734bR) 3736 (3737bR| 3737bR) 3737 (3739aR| 3739bR)  
3738 (3734aR| 3734bR) 3739 (3740aR| 3741bR) 3740 (3739aR| 3739bR) 3741 (3742aR| 3739bR) 3742 (3743aR| 3744bR) 3743 (4163aR| 4163bR) 3744 (4163aR| 4163bR)  
3745 (3746aR| 3751bR) 3746 (3747aL| 3749bL) 3747 (3748aR| 3748bR) 3748 (4169aL| 4169bL) 3749 (3750aR| 3750bR) 3750 (4205aL| 4205bL) 3751 (ERROR-| 3752bL)  
3752 (3753aR| 3753bR) 3753 (4205aL| 4205bL) 3754 (3755aR| 3760bR) 3755 (3756aL| 3758bL) 3756 (3757aL| 3757bL) 3757 (3754aL| 3754bL) 3758 (3759aL| 3759bL)  
3759 (3754aL| 3754bL) 3760 (3761aL| 3763bL) 3761 (3762aL| 3762bL) 3762 (3807aL| 3807bL) 3763 (3764aL| 3764bL) 3764 (3754aL| 3754bL) 3765 (3766aR| 3771bR)  
3766 (3767aL| 3769bL) 3767 (3768aL| 3768bL) 3768 (3765aL| 3765bL) 3769 (3770aR| 3770bR) 3770 (3776aL| 3776bL) 3771 (3772aL| 3774bL) 3772 (3773aL| 3773bL)  
3773 (3765aL| 3765bL) 3774 (3775aR| 3775bR) 3775 (3776aL| 3776bL) 3776 (3777aR| 3782bR) 3777 (3778aL| 3780bL) 3778 (3779aR| 3779bR) 3779 (3787aL| 3787bL)  
3780 (3781aL| 3781bL) 3781 (3776aL| 3776bL) 3782 (3783aL| 3785bL) 3783 (3784aL| 3784bL) 3784 (3776aL| 3776bL) 3785 (3786aL| 3786bL) 3786 (3776aL| 3776bL)  
3787 (3788aR| 3793bR) 3788 (3789aL| 3791bL) 3789 (3790aL| 3790bL) 3790 (3787aL| 3787bL) 3791 (3792aR| 3792bR) 3792 (3798aR| 3792bR) 3793 (3794aL| 3796bL)  
3794 (3795aL| 3795bL) 3795 (3787aL| 3787bL) 3796 (3797aR| 3797bR) 3797 (3798aL| 3798bL) 3798 (3799aR| 3804bR) 3799 (3800aL| 3802bL) 3800 (3801aR| 3801bR)  
3801 (3765aL| 3765bL) 3802 (3803aL| 3803bL) 3803 (3798aR| 3798bL) 3804 (3882aR| 3805bL) 3805 (3806aL| 3806bL) 3806 (3798aL| 3798bL) 3807 (3808aR| 3813bR)  
3808 (3809aL| 3811bL) 3809 (3810aL| 3810bL) 3810 (3754aL| 3754bL) 3811 (3812aL| 3812bL) 3812 (3754aL| 3754bL) 3813 (3814aL| 3816bL) 3814 (3815aL| 3815bL)  
3815 (3765aL| 3765bL) 3816 (3817aL| 3817bL) 3817 (3754aL| 3754bL) 3818 (3819aR| 3824bR) 3819 (3820aL| 3822bL) 3820 (3821aL| 3821bL) 3821 (3818aL| 3818bL)  
3822 (3823aL| 3823bL) 3823 (3818aL| 3818bL) 3824 (3825aL| 3827bL) 3825 (3826aL| 3826bL) 3826 (3871aL| 3871bL) 3827 (3828aR| 3828bL) 3828 (3818aL| 3818bL)  
3829 (3830aR| 3835bR) 3830 (3831aL| 3833bL) 3831 (3832aL| 3832bL) 3832 (3829aL| 3829bL) 3833 (3834aR| 3834bR) 3834 (3840aL| 3840bL) 3835 (3836aL| 3838bL)  
3836 (3837aL| 3837bL) 3837 (3829aR| 3829bL) 3838 (3839aR| 3839bR) 3839 (3840aL| 3840bL) 3840 (3841aR| 3846bR) 3841 (3842aL| 3844bL) 3842 (3843aR| 3843bR)  
3843 (3851aL| 3851bL) 3844 (3845aL| 3845bL) 3845 (3840aL| 3840bL) 3846 (3847aL| 3849bL) 38

3871 (3872aR| 3877bR) 3872 (3873aL| 3875bL) 3873 (3874aL| 3874bL) 3874 (3818aL| 3818bL) 3875 (3876aL| 3876bL) 3876 (3818aL| 3818bL) 3877 (3878aL| 3880bL)  
3878 (3879aL| 3879bL) 3879 (3829aL| 3829bL) 3880 (3881aL| 3881bL) 3881 (3818aL| 3818bL) 3882 (3883aR| 3884bR) 3883 (3882aR| 3882bR) 3884 (3685aR| 3882bR)  
3885 (3886aR| 3887bR) 3886 (3885aR| 3885bR) 3887 (3676aR| 3885bR) 3888 (3889aR| 3892bR) 3889 (3889bL| 3888bR) 3890 (3891aR| 3891aR) 3891 (3915aR| 3915bR)  
3892 (3893bL| 3895bL) 3893 (3894aR| 3894aR) 3894 (3897aR| 3897bR) 3895 (3896aR| 3896aR) 3896 (3906aR| 3906bR) 3897 (3898aR| 3903bR) 3898 (3899aL| 3901aL)  
3899 (3900bR| 3900bR) 3900 (3915aR| 3915bR) 3901 (3902bR| 3902bR) 3902 (3888aR| 3888bR) 3903 (3924aR| 3904aL) 3904 (3905bR| 3905bR) 3905 (3906aR| 3906bR)  
3906 (3907aR| 3912bR) 3907 (3908bL| 3910bL) 3908 (3909bR| 3909bR) 3909 (3915aR| 3915bR) 3910 (3911bR| 3911bR) 3911 (3888aR| 3888bR) 3912 (3913bL| 3906bR)  
3913 (3914bR| 3914bR) 3914 (3897aR| 3897bR) 3915 (3916aR| 3919bR) 3916 (3915aR| 3917aL) 3917 (3918aR| 3918aR) 3918 (3888aR| 3888bR) 3919 (3920aL| 3922aL)  
3920 (3921aR| 3921aR) 3921 (3897aR| 3897bR) 3922 (3923aR| 3923aR) 3923 (3906aR| 3906bR) 3924 (3925aR| 3930bR) 3925 (3926aL| 3928aL) 3926 (3927bR| 3927bR)  
3927 (3915aR| 3915bR) 3928 (3929bR| 3929bR) 3929 (3888aR| 3888bR) 3930 (3933aR| 3931aL) 3931 (3932bR| 3932bR) 3932 (3906aR| 3906bR) 3933 (3934bR| ERROR-)  
3934 (3935aL| 3935bL) 3935 (3936aR| 3939bR) 3936 (3937aL| ERROR-) 3937 (3938aR| 3938bR) 3938 (3942aL| 3942bL) 3939 (3940aL| ERROR-) 3940 (3941aL| 3941bL)  
3941 (3935aL| 3935bL) 3942 (3943aR| 3948bR) 3943 (3944aL| 3946bL) 3944 (3945aL| 3945bL) 3945 (3942aL| 3942bL) 3946 (3947aL| 3947bL) 3947 (3942aL| 3942bL)  
3948 (3697aR| 3949bL) 3949 (3950aL| 3950bL) 3950 (3942aL| 3942bL) 3951 (3952aR| 3953bR) 3952 (3667aR| 3667bR) 3953 (3667aR| 3667bR) 3954 (3955aR| 3960bR)  
3955 (3956aL| 3958bL) 3956 (3957aL| 3957bL) 3957 (3954aL| 3954bL) 3958 (3959aL| 3959bL) 3959 (3954aL| 3954bL) 3960 (3961aL| 3963bL) 3961 (3962aL| 3962bR)  
3962 (4009aL| 4009bL) 3963 (3964aL| 3964bL) 3964 (3954aL| 3954bL) 3965 (3966aR| 3971bR) 3966 (3967aL| 3969bL) 3967 (3968aR| 3968bL) 3968 (3965aL| 3965bL)  
3969 (3970aR| 3970bR) 3970 (3976aL| 3976bL) 3971 (3972aL| 3974bL) 3972 (3973aL| 3973bL) 3973 (3965aL| 3965bL) 3974 (3975aR| 3975bR) 3975 (3976aL| 3976bL)  
3976 (3977aR| 3982bR) 3977 (3978aL| 3980bL) 3978 (3979aR| 3979bR) 3979 (3987aL| 3987bL) 3980 (3981aL| 3981bL) 3981 (3976aL| 3976bL) 3982 (3983aL| 3985bL)  
3983 (3984aL| 3984bL) 3984 (3976aL| 3976bL) 3985 (3986aL| 3986bL) 3986 (3976aL| 3976bL) 3987 (3988aR| 3993bR) 3988 (3989aL| 3991bL) 3989 (3990aL| 3990bL)  
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3997 (3998aR| 3998bL) 3998 (3999aR| 4004bR) 3999 (4000aL| 4002bL) 4000 (4001aR| 4001bR) 4001 (3965aL| 3965bL) 4002 (4003aL| 4003bL) 4003 (3998aL| 3998bL)  
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4011 (4012aL| 4012bL) 4012 (3954aL| 3954bL) 4013 (4014aL| 4014bL) 4014 (3954aL| 3954bL) 4015 (4016aL| 4018bL) 4016 (4017aL| 4017bL) 4017 (3965aL| 3965bL)  
4018 (4019aL| 4019bL) 4019 (3954aL| 3954bL) 4020 (4021aR| 4026bR) 4021 (4022aL| 4024bL) 4022 (4023aL| 4023bL) 4023 (4020aL| 4020bL) 4024 (4025aL| 4025bL)  
4025 (4020aL| 4020bL) 4026 (4027aL| 4029bL) 4027 (4028aL| 4028bL) 4028 (4075aL| 4075bL) 4029 (4030aL| 4030bL) 4030 (4020aL| 4020bL) 4031 (4032aR| 4037bR)  
4032 (4033aL| 4035bL) 4033 (4034aL| 4034bL) 4034 (4031aL| 4031bL) 4035 (4036aR| 4036bR) 4036 (4042aL| 4042bL) 4037 (4038aL| 4040bL) 4038 (4039aL| 4039bL)  
4039 (4031aL| 4031bL) 4040 (4041aR| 4041bR) 4041 (4042aL| 4042bL) 4042 (4043aR| 4048bR) 4043 (4044aR| 4045bR) 4044 (4045aR| 4045bR) 4045 (4053aL| 4053bL)  
4046 (4047aL| 4047bL) 4047 (4042aL| 4042bL) 4048 (4049aL| 4051bL) 4049 (4050aL| 4050bL) 4050 (4042aL| 4042bL) 4051 (4052aL| 4052bL) 4052 (4042aL| 4042bL)  
4053 (4054aR| 4059bR) 4054 (4055aL| 4057bL) 4055 (4056aL| 4056bL) 4056 (4053aL| 4053bL) 4057 (4058aR| 4058bR) 4058 (4064aL| 4064bL) 4059 (4060aL| 4062bL)  
4060 (4061aL| 4061bL) 4061 (4053aL| 4053bL) 4062 (4063aR| 4063bR) 4063 (4064aL| 4064bL) 4064 (4065aR| 4070bR) 4065 (4066aL| 4068bL) 4066 (4067aR| 4067bR)  
4067 (4031aL| 4031bL) 4068 (4069aL| 4069bL) 4069 (4064aL| 4064bL) 4070 (4071aL| 4073bL) 4071 (4072aR| 4072aR) 4072 (4152aR| 4152bR) 4073 (4074aL| 4074bL)  
4074 (4064aL| 4064bL) 4075 (4076aR| 4081bR) 4076 (4077aL| 4079bL) 4077 (4078aL| 4078bL) 4078 (4020aL| 4020bL) 4079 (4080aL| 4080bL) 4080 (4020aL| 4020bL)  
4081 (4082aL| 4084bL) 4082 (4083aL| 4083bL) 4083 (4031aL| 4031bL) 4084 (4085aL| 4085bL) 4085 (4020aL| 4020bL) 4086 (4087aR| 4092bR) 4087 (4088aL| 4090bL)  
4088 (4089aL| 4089bL) 4089 (4086aL| 4086bL) 4090 (4091aL| 4091bL) 4091 (4086aL| 4086bL) 4092 (4093aL| 4095bL) 4093 (4094aL| 4094bL) 4094 (4141aL| 4141bL)  
4095 (4096aL| 4096bL) 4096 (4086aL| 4086bL) 4097 (4098aR| 4103bR) 4098 (4099aL| 4101bL) 4099 (4100aL| 4100bL) 4100 (4097aL| 4097bL) 4101 (4102aR| 4102bR)  
4102 (4108aL| 4108bL) 4103 (4104aL| 4106bL) 4104 (4105aL| 4105bL) 4105 (4097aL| 4097bL) 4106 (4107aR| 4107bR) 4107 (4108aL| 4108bL) 4108 (4109aR| 4114bR)  
4109 (4110aL| 4112bL) 4110 (4111aR| 4111bR) 4111 (4119aL| 4119bL) 4112 (4113aL| 4113bL) 4113 (4108aL| 4108bL) 4114 (4115aL| 4117bL) 4115 (4116aL| 4116bL)  
4116 (4108aL| 4108bL) 4117 (4118aL| 4118bL) 4118 (4108aL| 4108bL) 4119 (4120aR| 4125bR) 4120 (4121aL| 4123bL) 4121 (4122aL| 4122bL) 4122 (4119aL| 4119bL)  
4123 (4124aR| 4124bR) 4124 (4130aL| 4130bL) 4125 (4126aL| 4128bL) 4126 (4127aL| 4127bL) 4127 (4119aL| 4119bL) 4128 (4129aR| 4129bR) 4129 (4130aL| 4130bL)  
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4137 (4138aR| 4138aR) 4138 (4157aL| 4157bR) 4139 (4140aL| 4140bL) 4140 (4130aL| 4130bL) 4141 (4142aR| 4147bR) 4142 (4143aL| 4145bL) 4143 (4144aL| 4144bL)  
4144 (4086aL| 4086bL) 4145 (4146aL| 4146bL) 4146 (4086aL| 4086bL) 4147 (4148aL| 4150bL) 4148 (4149aL| 4149bL) 4149 (4097aL| 4097bL) 4150 (4151aL| 4151bL)  
4151 (4086aL| 4086bL) 4152 (4153aR| 4154bR) 4153 (4152aR| 4152bR) 4154 (4155aL| 4152bR) 4155 (4156aL| 4156bL) 4156 (3700aL| 3700bL) 4157 (4158aR| 4159bR)  
4158 (4157aR| 4157bR) 4159 (3709aR| 4157bR) 4160 (4161aR| 4162bR) 4161 (3724aR| 3724bR) 4162 (3727aR| 3724bR) 4163 (4164aR| 4165bR) 4164 (4166aR| 4166bR)  
4165 (4166aR| 4166bR) 4166 (4167aR| 4168bR) 4167 (3745aR| 3745bR) 4168 (3745aR| 3745bR) 4169 (4170aR| 4175bR) 4170 (4171aL| 4173bL) 4171 (4172aL| 4172bL)  
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4200 (4201aR| 4202bR) 4201 (4200aR| 4200bR) 4202 (4203aL| 4200bR) 4203 (4204aR| 4204aR) 4204 (5349aL| 5349bL) 4205 (4206aR| 4211bR) 4206 (4207aL| 4209bL)  
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4214 (4215aL| 4215bL) 4215 (4205aL| 4205bL) 4216 (4217aR| 4222bR) 4217 (4218aL| 4220bL) 4218 (4219aL| 4219bL) 4219 (4216aL| 4216bL) 4220 (4221aL| 4221bL)  
4221 (4216aL| 4216bL) 4222 (4223aL| 4225bL) 4223 (4224aL| 4224bL) 4224 (4227aL| 4227bL) 4225 (4226aL| 4226bL) 4226 (4216aL| 4216bL) 4227 (4228aR| 4233bR)  
4228 (4229aL| 4231aL) 4229 (4230aR| 4230bR) 4230 (4236aL| 4236bL) 4231 (4232aL| 4232aL) 4232 (4227aL| 4227bL) 4233 (ERROR-| 4234aL) 4234 (4235aL| 4235aL)  
4235 (4227aL| 4227bL) 4236 (4237aR| 4238bR) 4237 (4236aR| 4236bR) 4238 (4239aR| 4236bR) 4239 (4240aR| 4241bR) 4240 (4239aR| 4239bR) 4241 (4242bL| 4239bR)  
4242 (4243aR| 4243aR) 4243 (4244aR| 4244bR) 4244 (4245aR| 4246bR) 4245 (4341aR| 4341bR) 4246 (4341aR| 4341bR) 4247 (4248aR| 4253bR) 4248 (4249aL| 4251aL)  
4249 (4250aR| 4250bR) 4250 (4330aL| 4330bL) 4251 (4252bL| 4252bL) 4252 (4256aL| 4256bL) 4253 (ERROR-| 4254aL) 4254 (4255bL| 4255bL) 4255 (4267aL| 4267bL)  
4256 (4257aR| 4262bR) 4257 (4258aL| 4260bL) 4258 (4256aL| 4256bL) 4260 (4261aL| 4261bL) 4261 (4261aL| 4261bL) 4262 (4263aL| 4263bL) 4263 (4263aL| 4263bL)  
4263 (4264aL| 4264bL) 4264 (4278aL| 4278bL) 4265 (4266aL| 4266bL) 4266 (4256aL| 4256bL) 4267 (4268aR| 4273bR) 4268 (4269aL| 4271bL) 4269 (4270aL| 4270bL)  
4270 (4267aL| 4267bL) 4271 (4272aL| 4272bL) 4272 (4267aL| 4267bL) 4273 (4274aL| 4276bL) 4274 (4275aL| 4275bL) 4275 (4305aL| 4305bL) 4276 (4277aL| 4277bL)  
4277 (4267aL| 4267bL) 4278 (4279aR| 4284bR) 4279 (4280bL| 4282bL) 4280 (4281aR| 4281aR) 4281 (4314aL| 4314bL) 4282 (4283aL| 4283bL) 4283 (4278aL| 4278bL)  
4284 (ERROR-| 4285bL) 4285 (4286aL| 4286aL) 4286 (4287aL| 4287bL) 4287 (4288aR| 4293bR) 4288 (4289bL| 4291bL) 4289 (4290bR| 4290bR) 4290 (4314aL| 4314bL)  
4291 (4292bL| 4292bL) 4292 (4278aL| 4278bL) 4293 (ERROR-| 4294bL) 4294 (4295aL| 4295bL) 4295 (4287aR| 4287bL) 4296 (4287aR| 4302bR) 4297 (4298bL| 4300bL)  
4298 (4299aR| 4299aR) 4299 (4317aL| 4317bL) 4300 (4301aL| 4301bL) 4301 (4296aL| 4296bL) 4302 (ERROR-| 4303bL) 4303 (4304aL| 4304aL) 4304 (4305aL| 4305bL)  
4305 (4306aR| 4311bR) 4306 (4307bL| 4309bL) 4307 (4308bR| 4308bR) 4308 (4317aL| 4317bL) 4309 (4310bL| 4310bL) 4310 (4296aL| 4296bL) 4311 (ERROR-| 4312bL)  
4312 (4313aL| 4313bL) 4313 (4305aL| 4305bL) 4314 (4315aR| 4316bR) 4315 (4314aR| 4314bR) 4316 (4320aR| 4314bR) 4317 (4318aR| 4319bR) 4318 (4317aR| 4317bR)  
4319 (4325aR| 4317bR) 4320 (4321aR| 4322bR) 4321 (4320aR| 4320bR) 4322 (4323bL| 4320bR) 4323 (4324aR| 4324aR) 4324 (4247aR| 4247bR) 4325 (4326aR| 4327bR)  
4326 (4325aR| 4325bR) 4327 (4328bL| 4325bR) 4328 (4329bR| 4329bR) 4329 (4247aR| 4247bR) 4330 (4331aR| 4336bR) 4331 (4332aL| 4334bL) 4332 (4333aL| 4333bL)  
4333 (4330aL| 4330bL) 4334 (4335aL| 4335bL) 4335 (4330aL| 4330bL) 4336 (4337aL| 4339bL) 4337 (4338aR| 4338aR) 4338 (5349aL| 5349bL) 4339 (4340aL| 4340bL)  
4340 (4330aL| 4330bL) 4341 (4342aR| 4343bR) 4342 (4344aR| 4344bR) 4343 (4344aR| 4344bR) 4344 (4345aR| 4346bR) 4345 (4247aR| 4247bR) 4346 (4247aR| 4247bR)  
4347 (4348aR| 4351bR) 4348 (4506aR| 4349aL) 4349 (4350bL| 4350bL) 4350 (4354aL| 4354bL) 4351 (ERROR-| 4352aL) 4352 (4353bL| 4353bL) 4353 (4365aL| 4365bL)  
4354 (4355aR| 4360bR) 4355 (4356aL| 4358bL) 4356 (4357aL| 4357bL) 4357 (4354aL| 4354bL) 4358 (4359aL| 4359bL) 4359 (4354aL| 4354bL) 4360 (4361bL| 4363bL)  
4361 (4362aR| 4362aR) 4362 (4385aR| 4385bR) 4363 (4364aL| 4364bL) 4364 (4354aL| 4354bL) 4365 (4366aR| 4371bR) 4366 (4367aL| 4369bL) 4367 (4368aL| 4368bL)  
4368 (4365aL| 4365bL) 4369 (4370aL| 4370bL) 4370 (4365aL| 4365bL) 4371 (4372bL| 4374bL) 4372 (4373bR| 4373bR) 4373 (4439aR| 4439bR) 4374 (4375aL| 4375bL)  
4375 (4365aL| 4365bL) 4376 (4377aR| 4380bR) 4377 (4378bL| 4376bR) 4378 (4379aR| 4379aR) 4379 (4403aR| 4403bR) 4380 (4381bL| 4383bL) 4381 (4382aR| 4382aR)  
4382 (4385aR| 4385bR) 4383 (4384aR| 4384aR) 4384 (4394aR| 4394bR) 4385 (4386aR| 4391bR) 4386 (4387aL| 4389aL) 4387 (4388bR| 4388bR) 4388 (4403aR| 4403bR)  
4389 (4390bR| 4390bR) 4390 (4376aR| 4376bR) 4391 (4412aR| 4392aL) 4392 (4393bR| 4393bR) 4393 (4394aR| 4394bR) 4394 (4395aR| 4400bR) 4395 (4396bL| 4398bL)  
4396 (4397bR| 4397bR) 4397 (4403aR| 4403bR) 4398 (4399bR| 4399bR) 4399 (4376aR| 4376bR) 4400 (4401bL| 4394bR) 4401 (4402bR| 4402bR) 4402 (4385aR| 4385bR)  
4403 (4404aR| 4407bR) 4404 (4403aR| 4405aL) 4405 (4406aR| 4406aR) 4406 (4376aR| 4376bR) 4407 (4408aR| 4410aL) 4408 (4409aR| 4409aR) 4409 (4385aR| 4385bR)  
4410 (4411aR| 4411aR) 4411 (4394aR| 4394bR) 4412 (4413aR| 4418bR) 4413 (4414aL| 4416aL) 4414 (4415bR| 4415bR) 4415 (4403aR| 4403bR) 4416 (4417bR| 4417bR)  
4417 (4376aR| 4376bR) 4418 (4421aR| 4419aL) 4419 (4420bR| 4420bR) 4420 (4394aR| 4394bR) 4421 (4422bR| ERROR-) 4422 (4423aL| 4423bL) 4423 (4424aR| 4427bR)  
4424 (4425aL| ERROR-) 4425 (4426aR| 4426bR) 4426 (4484aL| 4484bL) 4427 (4428aL| ERROR-) 4428 (4429aL| 4429bL) 4429 (4429aL| 4429bL) 4430 (4431aR| 4434bR)  
4431 (4432bL| 4430bR) 4432 (4433aR| 4433aR) 4433 (4457aR| 4457bR) 4434 (4435bL| 4437bL) 4435 (4436aR| 4436aR) 4436 (4439aR| 4439bR) 4437 (4438aR| 4438aR)  
4438 (4448aR| 4448bR) 4439 (4440aR| 4445bR) 4440 (4441aL| 4443aL) 4441 (4442bR| 4442bR) 4442 (4457aR| 4457bR) 4443 (4444bR| 4444bR) 4444 (4430aR| 4430bR)  
4445 (4466aR| 4446aL) 4446 (4447bR| 4447bR) 4447 (4448aR| 4448bR) 4448 (4449aR| 4449bR) 4449 (4450bL| 4452bL) 4450 (4451bR| 4451bR) 4451 (4457aR| 4457bR)  
4452 (4453bR| 4453bR) 4453 (4430aR| 4430bR) 4454 (4455bL| 4448bR) 4455 (4456bR| 4456bR) 4456 (4439aR| 4439bR) 4457 (4458aR| 4461bR) 4458 (4457aR| 4

4487 (4484aL| 4484bL) 4488 (4489aL| 4489bL) 4489 (4484aL| 4484bL) 4490 (4491bL| 4493bL) 4491 (4492aR| 4492aR) 4492 (4347aR| 4347bR) 4493 (4494aL| 4494bL)  
4494 (4484aL| 4484bL) 4495 (4496aR| 4501bR) 4496 (4497aL| 4499bL) 4497 (4498aL| 4498bL) 4498 (4495aL| 4495bL) 4499 (4500aL| 4500bL) 4500 (4495aL| 4495bL)  
4501 (4502bL| 4504bL) 4502 (4503bR| 4503bR) 4503 (4347aR| 4347bR) 4504 (4505aL| 4505bL) 4505 (4495aL| 4495bL) 4506 (4507aR| 4512bR) 4507 (4508aL| 4510aL)  
4508 (4509bL| 4509bL) 4509 (4579aL| 4579bL) 4510 (4511bL| 4511bL) 4511 (4515aL| 4515bL) 4512 (ERROR-| 4513aL) 4513 (4514bL| 4514bL) 4514 (4526aL| 4526bL)  
4515 (4516aR| 4521bR) 4516 (4517aL| 4519bL) 4517 (4518aL| 4518bL) 4518 (4515aL| 4515bL) 4519 (4520aL| 4520bL) 4520 (4515aL| 4515bL) 4521 (4522aL| 4524bL)  
4522 (4523aL| 4523bL) 4523 (4537aL| 4537bL) 4524 (4525aL| 4525bL) 4525 (4515aL| 4515bL) 4526 (4527aR| 4532bR) 4527 (4528aL| 4532bL) 4528 (4529aL| 4529bL)  
4529 (4526aL| 4526bL) 4530 (4531aL| 4531bL) 4531 (4526aL| 4526bL) 4532 (4533aL| 4535bL) 4533 (4534aL| 4534bL) 4534 (4548aL| 4548bL) 4535 (4536aL| 4536bL)  
4536 (4526aL| 4526bL) 4537 (4538aR| 4543bR) 4538 (4539aL| 4541bL) 4539 (4540aL| 4540bL) 4540 (4537aL| 4537bL) 4541 (4542aL| 4542bL) 4542 (4537aL| 4537bL)  
4543 (4544bL| 4546bL) 4544 (4545aR| 4545aR) 4545 (4559aR| 4559bR) 4546 (4547aL| 4547bL) 4547 (4537aL| 4537bL) 4548 (4549aR| 4554bR) 4549 (4550aL| 4552bL)  
4550 (4551aL| 4551bL) 4551 (4548aL| 4548bL) 4552 (4553aL| 4553bL) 4553 (4548aL| 4548bL) 4554 (4555bL| 4557bL) 4555 (4556bR| 4556bR) 4556 (4561aR| 4561bR)  
4557 (4558aL| 4558bL) 4558 (4548aL| 4548bL) 4559 (4560bR| ERROR-) 4560 (4563aR| 4563bR) 4561 (4562bR| ERROR-) 4562 (4566aR| 4566bR) 4563 (4564aR| 4565bR)  
4564 (4563aR| 4563bR) 4565 (4569aR| 4563bR) 4566 (4567aR| 4568bR) 4567 (4566aR| 4566bR) 4568 (4574aR| 4566bR) 4569 (4570aR| 4571bR) 4570 (4569aR| 4569bR)  
4571 (4572bL| 4569bR) 4572 (4573aR| 4573aR) 4573 (4506aR| 4506bR) 4574 (4575aR| 4576bR) 4575 (4574aR| 4574bR) 4576 (4577bL| 4574bR) 4577 (4578bR| 4578bR)  
4578 (4506aR| 4506bR) 4579 (4580aR| 4585bR) 4580 (4581aL| 4583bL) 4581 (4582aL| 4582bL) 4582 (4579aL| 4579bL) 4583 (4584aL| 4584bL) 4584 (4579aL| 4579bL)  
4585 (4586aL| 4588bL) 4586 (4587aR| 4587aR) 4587 (4645aR| 4645bR) 4588 (4589aL| 4589bL) 4589 (4579aL| 4579bL) 4590 (4591aR| 4596bR) 4591 (4592aL| 4594bL)  
4592 (4593aL| 4593bL) 4593 (4590aL| 4590bL) 4594 (4595aL| 4595bL) 4595 (4590aL| 4590bL) 4596 (4597aL| 4599bL) 4597 (4598aL| 4598bL) 4598 (4601aL| 4601bL)  
4599 (4600aL| 4600bL) 4600 (4590aL| 4590bL) 4601 (4602aR| 4607bR) 4602 (4603aL| 4605bL) 4603 (4604aL| 4604bL) 4604 (4701aL| 4701bL) 4605 (4606aL| 4606bL)  
4606 (4601aL| 4601bL) 4607 (4608aL| 4610bL) 4608 (4609aL| 4609bL) 4609 (4601aL| 4601bL) 4610 (4611aL| 4611bL) 4611 (4601aL| 4601bL) 4612 (4613aR| 4618bR)  
4613 (4614aL| 4616bL) 4614 (4615aL| 4615bL) 4615 (4712aL| 4712bL) 4616 (4617aL| 4617bL) 4617 (4612aL| 4612bL) 4618 (4619aL| 4621bL) 4619 (4620aL| 4620bL)  
4620 (4612aL| 4612bL) 4621 (4622aL| 4622bL) 4622 (4612aL| 4612aL) 4623 (4625aL| 4625bL) 4624 (4626aL| 4626bL) 4625 (4626aL| 4626bL) 4626 (4627aL| 4629bL)  
4627 (4628aL| 4628bL) 4628 (4625aL| 4625bL) 4629 (4630aL| 4630bL) 4630 (4625aL| 4625bL) 4631 (4632aL| 4634bL) 4632 (4633aL| 4633bL) 4633 (4721aL| 4721bL)  
4634 (4635aL| 4635bL) 4635 (4625aL| 4625bL) 4636 (4637aR| 4640bR) 4637 (4638bL| 4636bR) 4638 (4639aR| 4639aR) 4639 (4641bL| 4643bL) 4640 (4641bL| 4643bL)  
4641 (4642aR| 4642aR) 4642 (4645aR| 4645bR) 4643 (4644aR| 4644aR) 4644 (4654aR| 4654bR) 4645 (4646aR| 4651bR) 4646 (4647aL| 4649aL) 4647 (4648bR| 4648bR)  
4648 (4663aR| 4663bR) 4649 (4650bR| 4650bR) 4650 (4636aR| 4636bR) 4651 (4672aR| 4652aL) 4652 (4653bR| 4653bR) 4653 (4654aR| 4654bR) 4654 (4655aR| 4660bR)  
4655 (4656bL| 4658bL) 4656 (4657bR| 4657bR) 4657 (4663aR| 4663bR) 4658 (4659bL| 4659bL) 4659 (4636aR| 4636bR) 4660 (4661bL| 4654bR) 4661 (4662bR| 4662bR)  
4662 (4645aR| 4645bR) 4663 (4664aR| 4667bR) 4664 (4663aR| 4665aL) 4665 (4666aR| 4666aR) 4666 (4663aR| 4636bR) 4667 (4668aL| 4670aL) 4668 (4669aR| 4669aR)  
4669 (4645aR| 4645bR) 4670 (4671aR| 4671aR) 4671 (4654aR| 4654bR) 4672 (4673aR| 4678bR) 4673 (4674aL| 4676aL) 4674 (4675bR| 4675bR) 4675 (4663aR| 4663bR)  
4676 (4677bR| 4677bR) 4677 (4636aR| 4636bR) 4678 (4681aR| 4679aL) 4679 (4680bR| 4680bR) 4680 (4654aR| 4654bR) 4681 (4682bR| ERROR-) 4682 (4683aL| 4683bL)  
4683 (4684aR| 4687bR) 4684 (4685aL| ERROR-) 4685 (4686aR| 4686bR) 4686 (4690aL| 4690bL) 4687 (4688aL| ERROR-) 4688 (4689aL| 4689bR) 4689 (4683aL| 4683bL)  
4690 (4691aR| 4696bR) 4691 (4692aL| 4694bL) 4692 (4693aL| 4693bL) 4693 (4690aL| 4690bL) 4694 (4695aL| 4695bL) 4695 (4696aL| 4696bL) 4696 (4697aL| 4699bL)  
4697 (4698aL| 4698bL) 4698 (4590aL| 4590bL) 4699 (4700aL| 4700bL) 4700 (4690aL| 4690bL) 4701 (4702aR| 4707bR) 4702 (4703aL| 4705bL) 4703 (4704aL| 4704bL)  
4704 (4612aL| 4612bL) 4705 (4706aL| 4706bL) 4706 (4601aL| 4601bL) 4707 (4708aL| 4710bL) 4708 (4709aL| 4709bL) 4709 (4601aL| 4601bL) 4710 (4711aL| 4711bL)  
4711 (4601aL| 4601bL) 4712 (4713aR| 4716bR) 4713 (4623aR| 4714bL) 4714 (4715aL| 4715bL) 4715 (4612aL| 4612bL) 4716 (4717aL| 4719bL) 4717 (4718aL| 4718bL)  
4718 (4612aL| 4612bL) 4719 (4712aL| 4720bL) 4720 (4612aL| 4612bL) 4721 (4722aR| 4725bR) 4722 (4728aR| 4723bL) 4723 (4724bR| 4724bR) 4724 (4735aL| 4735bL)  
4725 (ERROR-| 4726bL) 4726 (4727aL| 4727aL) 4727 (4721aL| 4721bL) 4728 (4729aR| 4732bR) 4729 (ERROR-| 4730aL) 4730 (4731aR| 4731aR) 4731 (4735aR| 4735bR)  
4732 (4733aL| ERROR-) 4733 (4734aR| 4734aR) 4734 (4759aR| 4759bR) 4735 (4736aR| 4737bR) 4736 (4735aR| 4735bR) 4737 (4738aR| 4735bR) 4738 (4739aR| 4740bR)  
4739 (4738aR| 4738bR) 4740 (4741aL| 4738bR) 4741 (4742aR| 4742aR) 4742 (4743aR| 4743bR) 4743 (4744aR| 4747bR) 4744 (4745aL| 4743bL) 4745 (4746bL| 4746bL)  
4746 (4748aL| 4748bL) 4747 (4743aR| 4743bR) 4748 (4749aR| 4754bR) 4749 (4750aL| 4752bL) 4750 (4751aL| 4751bL) 4751 (4748aL| 4748bL) 4752 (4753aL| 4753bL)  
4753 (4748aL| 4748bL) 4754 (4755aL| 4757bL) 4755 (4756aL| 4756bL) 4756 (4721aL| 4721bL) 4757 (4758aL| 4758bL) 4758 (4748aL| 4748bL) 4759 (4760aR| 4761bR)  
4760 (4759aR| 4759bR) 4761 (4762aL| 4759bR) 4762 (4763aR| 4763aR) 4763 (4764aR| 4764bR) 4764 (4765aR| 4770bR) 4765 (4766aL| 4768aL) 4766 (4767aR| 4767bR)  
4767 (4957aL| 4957bL) 4768 (4769bR| 4769bR) 4769 (4773aR| 4773bR) 4770 (ERROR-| 4771aL) 4771 (4772bR| 4772bR) 4772 (4778aR| 4778bR) 4773 (4774aR| 4775bR)  
4774 (4773aR| 4773bR) 4775 (4776bL| 4773bR) 4776 (4777aR| 4777aR) 4777 (4836aR| 4836bR) 4778 (4779aR| 4780bR) 4779 (4778aR| 4780bR) 4780 (4781bL| 4780bR)  
4781 (4782bR| 4782bR) 4782 (4890aR| 4890bR) 4783 (4784aR| 4789bR) 4784 (4785aL| 4787bL) 4785 (4786aL| 4786bL) 4786 (4783aL| 4783bL) 4787 (4788aL| 4788bL)  
4788 (4783aL| 4783bL) 4789 (4790aL| 4792bL) 4790 (4791aL| 4791bL) 4791 (4805aL| 4805bL) 4792 (4793aL| 4793bL) 4793 (4795aL| 4795bL) 4794 (4795aR| 4800bR)  
4795 (4796aL| 4798bL) 4796 (4797aL| 4797bL) 4797 (4794aL| 4794bL) 4798 (4799aL| 4799bL) 4799 (4794aL| 4794bL) 4800 (4801aL| 4803bL) 4801 (4802aL| 4802bL)  
4802 (4816aL| 4816bL) 4803 (4804aL| 4804bL) 4804 (4794aL| 4794bL) 4805 (4806aR| 4811bR) 4806 (4807aL| 4809bL) 4807 (4808aL| 4808bL) 4808 (4805aL| 4805bL)  
4809 (4810aL| 4810bL) 4810 (4805aL| 4805bL) 4811 (4812bL| 4814bL) 4812 (4813aR| 4813aR) 4813 (4764aR| 4764bR) 4814 (4815aL| 4815bL) 4815 (4805aL| 4805bL)  
4816 (4817aR| 4822bR) 4817 (4818aL| 4820bL) 4818 (4819aL| 4819bL) 4819 (4816aL| 4816bL) 4820 (4821aL| 4821bL) 4821 (4816aL| 4816bL) 4822 (4823bL| 4825bL)  
4823 (4824bR| 4824bR) 4824 (4764aR| 4764bR) 4825 (4826aL| 4826bL) 4826 (4816aL| 4816bL) 4827 (4828aR| 4831bR) 4828 (4829bL| 4827bR) 4829 (4830aR| 4830aR)  
4830 (4854aR| 4854bR) 4831 (4832bL| 4834bL) 4832 (4833aR| 4833aR) 4833 (4836aR| 4836bR) 4834 (4835aR| 4835aR) 4835 (4845aR| 4845bR) 4836 (4837aR| 4842bR)  
4837 (4838aL| 4840aL) 4838 (4839bR| 4839bR) 4839 (4854aR| 4854bR) 4840 (4841bR| 4841bR) 4841 (4827aR| 4827bR) 4842 (4843aR| 4843aL) 4843 (4844bR| 4844bR)  
4844 (4845aR| 4845bR) 4845 (4846aR| 4851bR) 4846 (4847bL| 4849bL) 4847 (4848bR| 4848bR) 4848 (4854aR| 4854bR) 4849 (4850bR| 4850bR) 4850 (4827aR| 4827bR)  
4851 (4852bL| 4845bR) 4852 (4853bR| 4853bR) 4853 (4836aR| 4836bR) 4854 (4855aR| 4858bR) 4855 (4845aR| 4856aL) 4856 (4857aR| 4857aR) 4857 (4827aR| 4827bR)  
4858 (4859aL| 4861aL) 4859 (4860aR| 4860aR) 4860 (4836aR| 4836bR) 4861 (4862aR| 4862aR) 4862 (4845aR| 4845bR) 4863 (4864aR| 4869bR) 4864 (4865aL| 4867aL)  
4865 (4866bR| 4866bR) 4866 (4854aR| 4854bR) 4867 (4868bR| 4868bR) 4868 (4827aR| 4827bR) 4869 (4872aR| 4870aL) 4870 (4871bR| 4871bR) 4871 (4845aR| 4845bR)  
4872 (4873bR| ERROR-) 4873 (4874aL| 4874bL) 4874 (4875aR| 4878bR) 4875 (4876aL| ERROR-) 4876 (4877aR| 4877bR) 4877 (4935aL| 4935bL) 4878 (4879aL| ERROR-)  
4879 (4880aL| 4880bL) 4880 (4874aL| 4874bL) 4881 (4882aR| 4885bR) 4882 (4883bL| 4881bR) 4883 (4884aR| 4884aR) 4884 (4908aR| 4908bR) 4885 (4886bL| 4888bL)  
4886 (4887aR| 4887aR) 4887 (4890aR| 4890bR) 4888 (4889aR| 4889aR) 4889 (4899aR| 4899bR) 4890 (4891aR| 4896bR) 4891 (4892aL| 4894aL) 4892 (4893bR| 4893bR)  
4893 (4908aR| 4908bR) 4894 (4895bR| 4895bR) 4895 (4881aR| 4881bR) 4896 (4917aR| 4897aL) 4897 (4898bR| 4898bR) 4898 (4899aR| 4899bR) 4899 (4900aR| 4905bR)  
4900 (4901bL| 4903bL) 4901 (4902bR| 4902bR) 4902 (4908aR| 4908bR) 4903 (4904bR| 4904bR) 4904 (4881aR| 4881bR) 4905 (4906bL| 4899bR) 4906 (4907bR| 4907bR)  
4907 (4890aR| 4890bR) 4908 (4909aR| 4912bR) 4909 (4881aR| 4911aR) 4910 (4911aR| 4911aR) 4911 (4881aR| 4881bR) 4912 (4913aL| 4915aL) 4913 (4914aR| 4914aR)  
4914 (4890aR| 4890bR) 4915 (4916aR| 4916aR) 4916 (4899aR| 4899bR) 4917 (4918aR| 4923bR) 4918 (4919aL| 4921aL) 4919 (4920bR| 4920bR) 4920 (4908aR| 4908bR)  
4921 (4922bR| 4922bR) 4922 (4881aR| 4881bR) 4923 (4926aR| 4924aL) 4924 (4925bR| 4925bL) 4925 (4899aR| 4899bR) 4926 (4927bR| ERROR-) 4927 (4928aL| 4928bL)  
4928 (4929aR| 4932bR) 4929 (4930aL| ERROR-) 4930 (4931aR| 4931bR) 4931 (4946aL| 4946bL) 4932 (4933aL| ERROR-) 4933 (4934aL| 4934bL) 4934 (4928aL| 4928bL)  
4935 (4936aR| 4941bR) 4936 (4937aL| 4939bL) 4937 (4938aR| 4938bL) 4938 (4935aL| 4935bL) 4939 (4940aL| 4940bL) 4940 (4935aL| 4935bL) 4941 (4942aL| 4944bL)  
4942 (4943aL| 4943bL) 4943 (4783aL| 4783bL) 4944 (4945aL| 4945bL) 4945 (4935aL| 4935bL) 4946 (4947aR| 4952bR) 4947 (4948aL| 4950bL) 4948 (4949aL| 4949bL)  
4949 (4946aL| 4946bL) 4950 (4951aL| 4951bL) 4951 (4946aL| 4946bL) 4952 (4953aL| 4955bL) 4953 (4954aL| 4954bL) 4954 (4794aL| 4794aL) 4955 (4956aL| 4956bL)  
4956 (4946aL| 4946bL) 4957 (4958aR| 4963bR) 4958 (4959aL| 4961bL) 4959 (4960aL| 4960bL) 4960 (4957aL| 4957bL) 4961 (4962aL| 4962bL) 4962 (4957aL| 4957bL)  
4963 (4966aR| 4964bL) 4964 (4965aL| 4965bL) 4965 (4957aL| 4957bL) 4966 (4967aR| 4970bR) 4967 (4966aR| 4968bL) 4968 (4969aR| 4969bR) 4969 (4973aL| 4973bL)  
4970 (ERROR-| 4971bL) 4971 (4972aR| 4972bR) 4972 (4973aL| 4973bL) 4973 (4974aR| 4975bR) 4974 (4976aR| 4973bR) 4975 (4973aR| 4973bR) 4976 (4977bR| ERROR-)  
4977 (4978aR| 4978bR) 4978 (4979aR| 4980bR) 4979 (4978aR| 4978bR) 4980 (4981aR| 4978bR) 4981 (4982aR| 4983bR) 4982 (4981aR| 4981bR) 4983 (4984aL| 4981bR)  
4984 (4985aR| 4985aR) 4985 (4986aR| 4986bR) 4986 (4987aR| 4992bR) 4987 (4988aL| 4990bL) 4988 (4989aR| 4989bR) 4989 (4995aL| 4995bL) 4990 (4991aR| 4991bR)  
4991 (4506aL| 4506bL) 4992 (ERROR-| 4993bL) 4993 (4994aR| 4994bR) 4994 (4506aL| 4506bL) 4995 (4996aR| 5001bR) 4996 (4997aL| 4999bL) 4997 (4998aL| 4998bL)  
4998 (4995aL| 4995bL) 4999 (5000aL| 5000bL) 5000 (4995aL| 4995bL) 5001 (5002aL| 5004bL) 5002 (5003aL| 5003bL) 5003 (5006aL| 5006bL) 5004 (5005aL| 5005bL)  
5005 (4995aL| 4995bL) 5006 (5007aR| 5012bR) 5007 (5008aL| 5010bL) 5008 (5009aL| 5009bL) 5009 (5006aL| 5006bL) 5010 (5011aL| 5011bL) 5011 (5010aL| 5006bL)  
5012 (5013aL| 5015bL) 5013 (5014aR| 5014aR) 5014 (5017aL| 5017bL) 5015 (5016aL| 5016bL) 5016 (5006aL| 5006bL) 5017 (5018aR| 5023bR) 5018 (5019aL| 5021bL)  
5019 (5020aL| 5020bL) 5020 (5017aL| 5017bL) 5021 (5022aR| 5022bR) 5022 (5026aL| 5026bL) 5023 (ERROR-| 5024bL) 5024 (5025aR| 5025bR) 5025 (5026aL| 5026bL)  
5026 (5027aR| 5032bR) 5027 (5028aL| 5030bL) 5028 (5029bR| 5029bR) 5029 (5037aL| 5037bL) 5030 (5031aL| 5031bL) 5031 (5026aL| 5026bL) 5032 (5033aL| 5035bL)  
5033 (5034aL| 5034bL) 5034 (5026aL| 5026bL) 5035 (5036aL| 5036bL) 5036 (5026aL| 5026bL) 5037 (5038aR| 5043bR) 5038 (5039aL| 5041aL) 5039 (5040aL| 5040bL)  
5040 (5078aL| 5078bL) 5042 (5042bL| 5042bL) 5042 (5046aL| 5046bL) 5043 (5054aR| 5044aL) 5044 (5045bL| 5045bL) 5045 (5048aL| 5048bL) 5046 (ERROR-| 5047aR)  
5047 (5050bR| ERROR-) 5048 (ERROR-| 5049bR) 5049 (5052bR| ERROR-) 5050 (ERROR-| 5051bR) 5051 (5059aR| 5059bR) 5052 (ERROR-| 5053bR) 5053 (5064aR| 5064bR)  
5054 (5055aL| 5056bR) 5055 (5054aR| 5054bR) 5056 (5055aL| 5055bL) 5057 (5058aR| 5058aR) 5058 (5103aR| 5103bR) 5059 (5059aR| 5061bR) 5060 (5059aR| 5059bR)  
5061 (5062bL| 5059bR) 5062 (5063aR| 5063aR) 5063 (5103aR| 5103bR) 5064 (5065aR| 5066bR) 5065 (5064aR| 5064bR) 5066 (5067bL| 5064bR) 5067 (5068bR| 5068bR)  
5068 (5103aR| 5103bR) 5069 (5070aR| 5075bR) 5070 (5071aL| 5073bL) 5071 (5072aL| 5072bL) 5072 (5069aL| 5069bL) 5073 (5074aL| 5074bL) 5074 (5069aL| 5069bL)  
5075 (5037aR| 5076bL) 5076 (5077aL| 5077bL) 5077 (5069aL| 50



5103 (5104aR|5109bR) 5104 (5105aL|5107aL) 5105 (5106bR|5106bR) 5106 (5121aR|5121bR) 5107 (5108bR|5108bR) 5108 (5094aR|5094bR) 5109 (5130aR|5110aL)  
5110 (5111bR|5111bR) 5111 (5112aR|5112bR) 5112 (5113aR|5118bR) 5113 (5114bL|5116bL) 5114 (5115bR|5115bR) 5115 (5121aR|5121bR) 5116 (5117bR|5117bR)  
5117 (5094aR|5094bR) 5118 (5119bL|5112bR) 5119 (5120bR|5120bR) 5120 (5103aR|5103bR) 5121 (5122aR|5125bR) 5122 (5121aR|5123aL) 5123 (5124aR|5124aR)  
5124 (5094aR|5094bR) 5125 (5126aL|5128aL) 5126 (5127aR|5127aR) 5127 (5103aR|5103bR) 5128 (5129aR|5129aR) 5129 (5112aR|5112bR) 5130 (5131aR|5136bR)  
5131 (5132aL|5134aL) 5132 (5133bR|5133bR) 5133 (5121aR|5121bR) 5134 (5135bR|5135bR) 5135 (5094aR|5094bR) 5136 (5139aR|5137aL) 5137 (5138bR|5138bR)  
5138 (5112aR|5112bR) 5139 (5140bR|ERROR-) 5140 (5141aL|5141bL) 5141 (5142aR|5145bR) 5142 (5143aL|ERROR-) 5143 (5144aR|5144bR) 5144 (5148aL|5148bL)  
5145 (5146aL|ERROR-) 5146 (5147aL|5147bL) 5147 (5141aL|5141bL) 5148 (5149aR|5154bR) 5149 (5150aL|5152bL) 5150 (5151aL|5151bL) 5151 (5148aL|5148bL)  
5152 (5153aL|5153bL) 5153 (5148aL|5148bL) 5154 (5155aL|5157bL) 5155 (5156aL|5156bL) 5156 (5069aL|5069bL) 5157 (5158aL|5158bL) 5158 (5148aL|5148bL)  
5159 (5160aR|5165bR) 5160 (5161aL|5163bL) 5161 (5162aL|5162bL) 5162 (5159aL|5159bL) 5163 (5164aL|5164bL) 5164 (5159aL|5159bL) 5165 (5166aL|5168bL)  
5166 (5167aL|5167aL) 5167 (5170aL|5170bL) 5168 (5169aL|5169bL) 5169 (5159aL|5159bL) 5170 (5171aR|5176bR) 5171 (5172aL|5174bL) 5172 (5173aL|5173bL)  
5173 (5170aL|5170bL) 5174 (5175aR|5175bR) 5175 (5179aL|5179bL) 5176 (ERROR-|5177bL) 5177 (5178aR|5178bR) 5178 (5179aL|5179bL) 5179 (5180aR|5185bR)  
5180 (5181aL|5183bL) 5181 (5182bL|5182bL) 5182 (5190aL|5190bL) 5183 (5184aL|5184bL) 5184 (5179aL|5179bL) 5185 (5186aL|5188bL) 5186 (5187aL|5187bL)  
5187 (5179aL|5179bL) 5188 (5189aL|5189bL) 5189 (5179aL|5179bL) 5190 (5191aR|5196bR) 5191 (5192aL|5194bL) 5192 (5193aL|5193bL) 5193 (5190aL|5190bL)  
5194 (5195aL|5195bL) 5195 (5190aL|5190bL) 5196 (5197aL|5199bL) 5197 (5198aL|5198aL) 5198 (5201aL|5201bL) 5199 (5200aL|5200bL) 5200 (5190aL|5190bL)  
5201 (5202bL|ERROR-) 5202 (5203aL|5203bL) 5203 (5204aR|5209bR) 5204 (5205aL|5207aL) 5205 (5206aR|5206bR) 5206 (5212aL|5212bL) 5207 (5208aL|5208aL)  
5208 (5203aL|5203bL) 5209 (ERROR-|5210aL) 5210 (5211aL|5211aL) 5211 (5203aL|5203bL) 5212 (5213aR|5214bR) 5213 (5212aR|5212bR) 5214 (5215aR|5212bR)  
5215 (5216aR|5217bR) 5216 (5215aR|5215bR) 5217 (5218aL|5215bR) 5218 (5219aR|5219aR) 5219 (5220aR|5220bR) 5220 (5221aR|5226bR) 5221 (5222aL|5224aL)  
5222 (5223aR|5223bR) 5223 (5303aL|5303bL) 5224 (5225bL|5225bL) 5225 (5229aL|5229bL) 5226 (ERROR-|5227aL) 5227 (5228bL|5228bL) 5228 (5240aL|5240bL)  
5229 (5230aR|5235bR) 5230 (5231aL|5233bL) 5231 (5232aL|5232bL) 5232 (5229aL|5229bL) 5233 (5234aL|5234bL) 5234 (5229aL|5229bL) 5235 (5236aL|5238bL)  
5236 (5237aL|5237bL) 5237 (5251aL|5251bL) 5238 (5239aL|5239bL) 5239 (5241aR|5246bR) 5240 (5241aR|5246bR) 5241 (5242aL|5244bL) 5242 (5243aL|5243bL)  
5243 (5240aL|5240bL) 5244 (5245aL|5245bL) 5245 (5240aL|5240bL) 5246 (5247aL|5249bL) 5247 (5248aL|5248bL) 5248 (5278aL|5278bL) 5249 (5250aL|5250bL)  
5250 (5240aL|5240bL) 5251 (5252aR|5257bR) 5252 (5253bL|5255bL) 5253 (5254aR|5254aR) 5254 (5287aL|5287bL) 5255 (5256aL|5256bL) 5256 (5251aL|5251bL)  
5257 (ERROR-|5258bL) 5258 (5259aL|5259aL) 5259 (5260aL|5260bL) 5260 (5261aR|5266bR) 5261 (5262bL|5264bL) 5262 (5263bR|5263bR) 5263 (5287aL|5287bL)  
5264 (5265bL|5265bL) 5265 (5251aL|5251bL) 5266 (ERROR-|5267bL) 5267 (5268aL|5268bL) 5268 (5260aL|5260bL) 5269 (5270aR|5275bR) 5270 (5271bL|5273bL)  
5271 (5272aR|5272aR) 5272 (5290aL|5290bL) 5273 (5274aL|5274bL) 5274 (5269aL|5269bL) 5275 (ERROR-|5276bL) 5276 (5277aL|5277aL) 5277 (5278aL|5278bL)  
5278 (5279aR|5284bR) 5279 (5280bL|5282bL) 5280 (5281bR|5281bR) 5281 (5290aL|5290bL) 5282 (5283bL|5283bL) 5283 (5269aL|5269bL) 5284 (ERROR-|5285bL)  
5285 (5286aL|5286bL) 5286 (5278aL|5278bL) 5287 (5288aR|5289bR) 5288 (5287aR|5287bR) 5289 (5293aR|5293bR) 5290 (5291aR|5292bR) 5291 (5290aR|5290bR)  
5292 (5298aR|5290bR) 5293 (5294aR|5295bR) 5294 (5293aR|5293bR) 5295 (5296bL|5293bR) 5296 (5297aR|5297aR) 5297 (5220aR|5220bR) 5298 (5299aR|5300bR)  
5299 (5298aR|5298bR) 5300 (5301bL|5298bR) 5301 (5302bR|5302bR) 5302 (5220aR|5220bR) 5303 (5304aR|5309bR) 5304 (5305aL|5307aL) 5305 (5306aL|5306bL)  
5306 (5312aL|5312bL) 5307 (5308aL|5308aL) 5308 (5303aL|5303bL) 5309 (ERROR-|5310aL) 5310 (5311aL|5311aL) 5311 (5303aL|5303bL) 5312 (5313aR|5318bR)  
5313 (5314aL|5316aL) 5314 (5315aL|5315bL) 5315 (5321aL|5321bL) 5316 (5317aL|5317aL) 5317 (5303aL|5303bL) 5318 (ERROR-|5319aL) 5319 (5320aL|5320aL)  
5320 (5303aL|5303bL) 5321 (5322aR|5323bR) 5322 (HALT--|5326bR) 5323 (ERROR-|5324bL) 5324 (5325aR|5325aR) 5325 (5326aR|5326bR) 5326 (5327aR|5332bR)  
5327 (5328aL|5330bL) 5328 (5329aL|5329bL) 5329 (5326aL|5326bL) 5330 (5331aL|5331bL) 5331 (5326aL|5326bL) 5332 (5333aL|5335bL) 5333 (5334aL|5334aL)  
5334 (5337aL|5337bL) 5335 (5336aL|5336bL) 5336 (5326aL|5326bL) 5337 (5338aR|5343bR) 5338 (5339bL|5341bL) 5339 (5340bR|5340bR) 5340 (5346aL|5346bL)  
5341 (5342bL|5342bL) 5342 (5337aL|5337bL) 5343 (ERROR-|5344bL) 5344 (5345aR|5345aR) 5345 (5346aL|5346bL) 5346 (5347aR|5348bR) 5347 (5349aR|5346bR)  
5348 (5346aR|5346bR) 5349 (5350aR|5351bR) 5350 (5349aR|ERROR-) 5351 (ERROR-|5352bL) 5352 (5353aR|5353bR) 5353 (5354aL|5354bL) 5354 (5355aR|5356bR)  
5355 (5357aR|5354bR) 5356 (5354aR|5354bR) 5357 (5358aR|5359bR) 5358 (5360aR|5354bR) 5359 (5354aR|5354bR) 5360 (5361aR|5364bR) 5361 (5362aL|5354bR)  
5362 (5363aR|5363bR) 5363 (5365aL|5365bL) 5364 (5354aR|5354bR) 5365 (5366aR|5367bR) 5366 (5365aR|ERROR-) 5367 (ERROR-|5368bL) 5368 (5369aL|5369bL)  
5369 (5370aL|5370bL) 5370 (5371bL|ERROR-) 5371 (1841aL|1841bL)

## 7 R

We present a 5,185-state Turing Machine that is *independent of Riemann's hypothesis*; in other words, to know whether or not this machine halts is to know whether or not Riemann's hypothesis is true. It is therefore impossible to prove the value of  $BB(5,185)$  without simultaneously implying a proof of the truth or falsehood of Riemann's hypothesis.

Riemann's hypothesis is traditionally stated as follows:

**Statement 3.** The Riemann zeta function has its zeros only at the negative even integers and the complex numbers with real part  $1/2$ .

### 7.1 Equivalent Statement

Instead of encoding the Riemann zeta function into a Laconic program, it is simpler to use the following statement, which has been shown to be equivalent to the Riemann hypothesis: [?]

**Statement 4.** For all integers  $n \geq 1$ ,

$$\left( \left( \sum_{k \leq \delta(n)} \frac{1}{k} \right) - \frac{n^2}{2} \right)^2 < 36n^3$$

The function  $\delta(n)$  used in Statement 4 is defined as follows:

$$\begin{aligned} \eta(j) & \text{ if } j = p^k, p \text{ is prime, } k \text{ is a positive integer} \\ \eta(j) & = 1 \text{ otherwise} \\ \delta(x) & = \prod_{n < x} \prod_{j \leq n} \eta(j) \end{aligned}$$

## 7.2 Implementation Methods

The statement can be manipulated to contain only positive integers as follows:

$$\begin{aligned} & \left( \left( \sum_{k \leq \delta(n)} \frac{1}{k} \right) - \frac{n^2}{2} \right)^2 < 36n^3 \\ & \left( \left( \sum_{k \leq \delta(n)} \frac{\delta(n)!}{k} \right) - \delta(n)! \frac{n^2}{2} \right)^2 < 36n^3 (\delta(n)!)^2 \\ & \left( \sum_{k \leq \delta(n)} \frac{\delta(n)!}{k} \right)^2 - 2 \left( \sum_{k \leq \delta(n)} \frac{\delta(n)!}{k} \right) \left( \delta(n)! \frac{n^2}{2} \right) + \left( \delta(n)! \frac{n^2}{2} \right)^2 < 36n^3 (\delta(n)!)^2 \\ & \left( \sum_{k \leq \delta(n)} \frac{\delta(n)!}{k} \right)^2 + \left( \delta(n)! \frac{n^2}{2} \right)^2 < 36n^3 (\delta(n)!)^2 + 2 \left( \sum_{k \leq \delta(n)} \frac{\delta(n)!}{k} \right) \left( \delta(n)! \frac{n^2}{2} \right) \end{aligned}$$

Further reorganizing the statement:

$$\begin{aligned} a(n) & = \sum_{k \leq \delta(n)!} \frac{\delta(n)!}{k} \\ b(n) & = \delta(n)! \frac{n^2}{2} \end{aligned}$$

and let

$$\begin{aligned} l(n) & = (a(n))^2 + (b(n))^2 \\ r(n) & = 36n^3 (\delta(n)!)^2 + 2a(n)b(n) \end{aligned}$$

.

When rewritten in terms of  $l$  and  $r$ , Riemann's hypothesis is equivalent to whether or not  $l(n) < r(n)$  for all positive integers  $n$ .

To check the Riemann hypothesis, my program computes  $a(n)$ ,  $b(n)$ ,  $l(n)$ , and  $r(n)$ , in that order, for each possible value of  $n$ . If  $l(n) \geq r(n)$ , my program halts.

### 7.3 An Explicit Description of $R$

We present below an explicit description of  $R$ . The same format is used below as was used for  $Z$ . Again, Figure 3 contains useful information for interpreting our format, the tape alphabet is  $\{a, b\}$  with  $a$  being the empty symbol, state 0000 is the start state, and  $G$  will never follow a transition to the ERROR state. The only transition to the HALT state in  $R$  is out of state 5137.

## Appendices

### A Example Laconic Program: Goldbach's Conjecture

The following is an example Laconic program, which compiles down to the aforementioned Turing Machine  $G$  (which halts if and only Goldbach's Conjecture is false).

```
func zero(x) {
x = 0;
return;
}

func one(x) {
x = 1;
return;
}

func incr(x) {
x = x + 1;
return;
}

/* Computes x modulo y */
func modulus(x, y, out) {
out = x;

while (out >= y) {
out = out - y;
}

return;
}

func assignXtoYminusX(x, y) {
x = y - x;
```

```

return;
}

/* Figures out if x is prime, and puts the output in y */
/* Does not modify x, modifies y */
func isPrime(x, h, y) {
if (x == 1) {
zero(y);
return;
}

y = 2;

while (x > y) {
modulus(x, y, h);

if (h == 0) {
zero(y);
return;
}
incr(y);
}

return;
}

int evenNumber;
int primeCounter;
int isThisOnePrime;
int foundSum;
int h;

evenNumber = 2;
one(foundSum);

while (foundSum) {
zero(foundSum);
evenNumber = evenNumber + 2;
one(primeCounter);

while (primeCounter < evenNumber) {
isPrime(primeCounter, h, isThisOnePrime);

if (isThisOnePrime) {
assignXtoYminusX(primeCounter, evenNumber);

```

```

isPrime(primeCounter, h, isThisOnePrime);

assignXtoYminusX(primeCounter, evenNumber);

if (isThisOnePrime) {
print evenNumber;

print primeCounter;

one(foundSum);
}
}

incr(primeCounter);
}
}

halt;

```

For detailed documentation of the Laconic programming language, see [?].

## B Example TMD Program: Multiplication

The following is an example TMD program, which compiles down to a segment of Turing Machine code. It is the function that is called every time a multiplication is performed in a Laconic program.

For detailed documentation of the TMD programming language, see [?].

## C Explicit Description of $Z$

```

0000(0001bR|ERROR-) 0001(0004bR|ERROR-) 0002(0003bR|ERROR-) 0003(0012aR|0012bR) 0004(0005bR|ERROR-) 0005(0006bR|ERROR-) 0006(0007aR|ERROR-)
0007(0008bR|ERROR-) 0008(0009bR|ERROR-) 0009(0010bR|ERROR-) 0010(0011bR|ERROR-) 0011(0002bR|ERROR-) 0012(0013aR|ERROR-) 0013(0014aR|0014bR)
0014(0015aR|ERROR-) 0015(0057aR|0057bR) 0016(0017bR|ERROR-) 0017(0018bR|ERROR-) 0018(0019aR|ERROR-) 0019(0020aR|0020bR) 0020(0021aR|ERROR-)
0021(0022aR|0022bR) 0022(0023aR|ERROR-) 0023(0024aR|0024bR) 0024(0025aR|ERROR-) 0025(0067aR|0067bR) 0026(0027aR|0032bR) 0027(0028aL|0030bL)
0028(0029aL|0029bL) 0029(0026aL|0026bL) 0030(0031aL|0031bL) 0031(0026aL|0026bL) 0032(0033aL|0035bL) 0033(0034aL|0034bL) 0034(0037aL|0037bL)
0035(0036aL|0036bL) 0036(0026aL|0026bL) 0037(0038aR|0041bR) 0038(0044aR|0039bL) 0039(0040bR|0040bR) 0040(0049aL|0049bL) 0041(ERROR-|0042bL)
0042(0043aL|0043aL) 0043(0037aL|0037bL) 0044(0045aR|0048bR) 0045(ERROR-|0046aL) 0046(0047aR|0047aR) 0047(0049aL|0049bL) 0048(0071aR|ERROR-)
0049(0050aR|0051bR) 0050(0049aR|0049bR) 0051(0052aR|0049bR) 0052(0053aR|0054bR) 0053(0052aR|0052bR) 0054(0055aL|0052bR) 0055(0056aR|0056aR)
0056(0012aR|0012bR) 0057(0058aR|ERROR-) 0058(0059aR|0059bR) 0059(0060aR|ERROR-) 0060(0061aR|0061bR) 0061(0062aR|ERROR-) 0062(0063aR|0063bR)
0063(0064aR|ERROR-) 0064(0065aR|0065bR) 0065(0066aR|ERROR-) 0066(0016aR|0016bR) 0067(0068bR|ERROR-) 0068(0069bR|ERROR-) 0069(0070bL|ERROR-)
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0077(0078aL|0076bR) 0078(0079bR|0079bR) 0079(0081aR|0081bR) 0080(0076aR|0076bR) 0081(0082aR|0083bR) 0082(0081aR|0081bR) 0083(0084aL|0081bR)
0084(0085aL|0085bL) 0085(0086aL|0086bL) 0086(0087aR|0091bR) 0087(0088aL|0089bL) 0088(0096a-|0096b-) 0089(0090aL|0090bL) 0090(0086aL|0086bL)
0091(0092aL|0094bL) 0092(0093aL|0093bL) 0093(0086aL|0086bL) 0094(0095aL|0095bL) 0095(0086aL|0086bL) 0096(0097aR|0101bR) 0097(0098aL|0100bL)
0098(0099aL|0099bL) 0099(0096aL|0096bL) 0100(0105a-|0105b-) 0101(0102aL|0104bL) 0102(0103aR|0103aR) 0103(0131aL|0131bL) 0104(0105a-|0105b-)
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0126(0127aL|0127bL) 0127(0124aL|0124bL) 0128(0086a-|0086b-) 0129(ERROR-|0130bL) 0130(0086a-|0086b-) 0131(0132aR|0134bR) 0132(0131aR|0133bL)
0133(0136a-|0136b-) 0134(ERROR-|0135bL) 0135(0136a-|0136b-) 0136(0137aR|0139bR) 0137(0138aL|0136bR) 0138(0071a-|0071b-) 0139(0140aL|0136bR)
0140(0141aR|0141aR) 0141(0142aR|0142bR) 0142(0143aR|ERROR-) 0143(0144aR|0144bR) 0144(0145bL|ERROR-) 0145(0146aL|0146bL) 0146(0147aR|0151bR)
0147(0148aL|0150bL) 0148(0149aL|0149bL) 0149(0146aL|0146bL) 0150(0153a-|0153b-) 0151(0181aR|0152bL) 0152(0153a-|0153b-) 0153(0154aR|0159bR)
0154(0155aL|0157bL) 0155(0156bL|0156bL) 0156(0164aL|0164bL) 0157(0158aL|0158bL) 0158(0153aL|0153bL) 0159(0160aL|0162bL) 0160(0161aL|0161bL)
0161(0153aL|0153bL) 0162(0163aL|0163bL) 0163(0153aL|0153bL) 0164(0165aR|0169bR) 0165(0166aL|0168bL) 0166(0167aL|0167bL) 0167(0164aL|0164bL)
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0175(0171aL|0171bL) 0176(0177aL|0179bL) 0177(0178aL|0178bL) 0178(0171aL|0171bL) 0179(0180aL|0180bL) 0180(0171aL|0171bL) 0181(0182aR|0183bR)
0182(0181aR|0181bR) 0183(0184aR|0181bR) 0184(0185aR|0188bR) 0185(0186aL|0181bR) 0186(0187bR|0187bR) 0187(0189aR|0189bR) 0188(0184aR|0181bR)
0189(0190aR|ERROR-) 0190(0191aR|0191bR) 0191(0192aR|ERROR-) 0192(0193aR|0193bR) 0193(0194aR|ERROR-) 0194(0203aR|0203bR) 0195(0196bR|ERROR-)

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0196 (0197bR ERROR-)	0197 (0198aR ERROR-)	0198 (0217aR 0217bR)	0199 (0200bR ERROR-)	0200 (0201bR ERROR-)	0201 (0202bL ERROR-)	0202 (0247aL 0247bL)
0203 (0204aR ERROR-)	0204 (0205aR 0205bR)	0205 (0206aR ERROR-)	0206 (0207aR 0207bR)	0207 (0208aR ERROR-)	0208 (0209aR 0209bR)	0209 (0210aR ERROR-)
0210 (0211aR 0211bR)	0211 (0212aR ERROR-)	0212 (0213aR 0213bR)	0213 (0214aR ERROR-)	0214 (0215aR 0215bR)	0215 (0216aR ERROR-)	0216 (0195aR 0195bR)
0217 (0218bR ERROR-)	0218 (0221bR ERROR-)	0219 (0220bR ERROR-)	0220 (0229aR 0229bR)	0221 (0222bR ERROR-)	0222 (0223bR ERROR-)	0223 (0224aR ERROR-)
0224 (0225bR ERROR-)	0225 (0226bR ERROR-)	0226 (0227bR ERROR-)	0227 (0228aR ERROR-)	0228 (0219bR ERROR-)	0229 (0230aR ERROR-)	0230 (0231aR 0231bR)
0231 (0232aR ERROR-)	0232 (0233aR 0233bR)	0233 (0234aR ERROR-)	0234 (0235aR 0235bR)	0235 (0236aR ERROR-)	0236 (0237aR 0237bR)	0237 (0238aR ERROR-)
0238 (0239aR 0239bR)	0239 (0240aR ERROR-)	0240 (0241aR 0241bR)	0241 (0242aR ERROR-)	0242 (0243aR 0243bR)	0243 (0244aR ERROR-)	0244 (0245aR 0245bR)
0245 (0246aR ERROR-)	0246 (0199aR 0199bR)	0247 (0248aR 0253bR)	0248 (0249aL 0251bL)	0249 (0250aL 0250bL)	0250 (0247aL 0247bL)	0251 (0252aL 0252bL)
0252 (0247aL 0247bL)	0253 (0254aL 0256bL)	0254 (0255aL 0255bL)	0255 (0258aL 0258bL)	0256 (0257aL 0257bL)	0257 (0247aL 0247bL)	0258 (0259aR 0262bR)
0259 (0265aR 0260bL)	0260 (0261bR 0261bR)	0261 (0272aL 0272bL)	0262 (ERROR- 0263bL)	0263 (0264aL 0264aL)	0264 (0258aL 0258bL)	0265 (0266aR 0269bR)
0266 (ERROR- 0267aL)	0267 (0268aR 0268aR)	0268 (0272aL 0272bL)	0269 (0270aL ERROR-)	0270 (0271aR 0271aR)	0271 (0284aR 0284bR)	0272 (0273aR 0274bR)
0273 (0272aR 0272bR)	0274 (0275aR 0272bR)	0275 (0276aR 0277bR)	0276 (0275aR 0275bR)	0277 (0278aL 0275bR)	0278 (0279aR 0279aR)	0279 (0280aR 0280bR)
0280 (0281bR ERROR-)	0281 (0282bR ERROR-)	0282 (0283bL ERROR-)	0283 (0247aL 0247bL)	0284 (0285aR 0286bR)	0285 (0284aR 0284bR)	0286 (0284aR 0287bR)
0287 (0288aR 0289bR)	0288 (0369aR 0369bR)	0289 (0369aR 0369bR)	0290 (0291bR ERROR-)	0291 (0292aR 0292bR)	0292 (0293aR 0294bR)	0293 (0292aR 0292bR)
0294 (0295aL 0292bR)	0295 (0296aL 0296bL)	0296 (0297aL 0297bL)	0297 (0298aR 0301bR)	0298 (0322aR 0299bL)	0299 (0300bL 0300bL)	0300 (0297aL 0297bL)
0301 (0322aR 0302bL)	0302 (0303aR 0303aR)	0303 (0343aL 0343bL)	0304 (0305aR 0308bR)	0305 (0304aR 0306aL)	0306 (0307aR 0307aR)	0307 (0313aR 0313bR)
0308 (0309aL 0311aL)	0309 (0310aR 0310aR)	0310 (0331aR 0331bR)	0311 (0312aR 0312aR)	0312 (0322aR 0322bR)	0313 (0314aR 0317bR)	0314 (0315bL 0313bR)
0315 (0316aR 0316aR)	0316 (0304aR 0304bR)	0317 (0318bL 0320bL)	0318 (0319aR 0319aR)	0319 (0321aR 0321aR)	0320 (0321aR 0321aR)	0321 (0322aR 0322bR)
0322 (0323aR 0328bR)	0323 (0324bL 0326bL)	0324 (0325bR 0325bR)	0325 (0304aR 0304bR)	0326 (0327bR 0327bR)	0327 (0313aR 0313bR)	0328 (0329bL 0322bR)
0329 (0330bR 0330bR)	0330 (0331aR 0331bR)	0331 (0332aL 0333bL)	0332 (0333aL 0333bL)	0333 (0334aR 0338bR)	0334 (0335aL 0337bL)	0335 (0336aL 0336bL)
0336 (0333aL 0333bL)	0337 (0297a- 0297b-)	0338 (0339aL 0341bL)	0339 (0340aR 0341bL)	0340 (0354aR 0354bR)	0341 (0342aL 0342bL)	0342 (0333aL 0333bL)
0343 (0344aR 0349bR)	0344 (0334aL 0347bL)	0345 (0346aL 0346bL)	0346 (0297aL 0297bL)	0347 (0348aR 0348bL)	0348 (0343aL 0343bL)	0349 (0350aL 0352bL)
0350 (0351aR 0351aR)	0351 (0354aR 0354bR)	0352 (0353aL 0353bL)	0353 (0343aL 0343bL)	0354 (0355aR 0358bR)	0355 (0356aL 0354bR)	0356 (0357bR 0357bR)
0357 (0292aR 0292bR)	0358 (0359aL 0354bR)	0359 (0360aR 0360aR)	0360 (0361aR 0361bR)	0361 (0362bR ERROR-)	0362 (0363bR ERROR-)	0363 (0364aR ERROR-)
0364 (0365aR 0365bR)	0365 (0366aR ERROR-)	0366 (0367aR 0367bR)	0367 (0368bR ERROR-)	0368 (0372aR 0372bR)	0369 (0372aR 0371bR)	0370 (0290aR 0290bR)
0371 (0290aR 0290bR)	0372 (0373aR ERROR-)	0373 (0374bL ERROR-)	0374 (0378aR ERROR-)	0375 (0376aL 0375aL)	0376 (0376aL 0377bR)	0377 (04605aR ERROR-)
0378 (0379bR 1735aR)	0379 (0380bR 1085aR)	0380 (0380bR 0413aR)	0381 (0382bR 3714aR)	0382 (0383bR 3458aR)	0383 (0384bR 3511aR)	0384 (0385bR 2434aR)
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0406 (0407bR 0521aR)	0407 (0408bR 1437aR)	0408 (0409bR 0413aR)	0409 (0410bR 3113aR)	0410 (0411bR 1437aR)	0411 (0412bR 0421aR)	0412 (0413bR 0622aR)
0413 (0414bR 2474aR)	0414 (0415bR 2474aR)	0415 (0416bR 1066aR)	0416 (0417bR 0951aR)	0417 (0418bR 2458aR)	0418 (0419bR 3976aR)	0419 (0420bR 0904aR)
0420 (0421bR 3191aR)	0421 (0422bR 1082aR)	0422 (0423bR 0570aR)	0423 (0424bR 2670aR)	0424 (0425bR 0938aR)	0425 (0426bR 0938aR)	0426 (0427bR 0439aR)
0427 (0428bR 0518aR)	0428 (0429bR 0550aR)	0429 (0430bR 1356aR)	0430 (0431bR 0572aR)	0431 (0432bR 0570aR)	0432 (0433bR 3130aR)	0433 (0434bR 2672aR)
0434 (0435bR 0509aR)	0435 (0436bR 2482aR)	0436 (0437bR 0948aR)	0437 (0438bR 3438aR)	0438 (0439bR 0392aR)	0439 (0440bR 2484aR)	0440 (0441bR 3130aR)
0441 (0442bR 0613aR)	0442 (0443bR 1117aR)	0443 (0444bR 0946aR)	0444 (0445bR 0580aR)	0445 (0446bR 3234aR)	0446 (0447bR 4102aR)	0447 (0448bR 0434aR)
0448 (0449bR 3365aR)	0449 (0450bR 0413aR)	0450 (0451bR 0421aR)	0451 (0452bR 0509aR)	0452 (0453bR 3714aR)	0453 (0454bR 3458aR)	0454 (0455bR 4009aR)
0455 (0456bR 1437aR)	0456 (0457bR 0421aR)	0457 (0458bR 2615aR)	0458 (0459bR 0893aR)	0459 (0460bR 0509aR)	0460 (0461bR 0413aR)	0461 (0462bR 0421aR)
0462 (0463bR 3714aR)	0463 (0464bR 4138aR)	0464 (0465bR 2487aR)	0465 (0466bR 3634aR)	0466 (0467bR 3634aR)	0467 (0468bR 1082aR)	0468 (0469bR 2670aR)
0469 (0470bR 0938aR)	0470 (0471bR 0940aR)	0471 (0472bR 4284aR)	0472 (0473bR 1148aR)	0473 (0474bR 3369aR)	0474 (0475bR 1541aR)	0475 (0476bR 0509aR)
0476 (0477bR 0421aR)	0477 (0478bR 0413aR)	0478 (0479bR 3836aR)	0479 (0480bR 0602aR)	0480 (0481bR 3452aR)	0481 (0482bR 4137aR)	0482 (0483bR 3706aR)
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0490 (0491bR 3202aR)	0491 (0492bR 1362aR)	0492 (0493bR 0520aR)	0493 (0494bR 0604aR)	0494 (0495bR 1317aR)	0495 (0496bR 2569aR)	0496 (0497bR 1437aR)
0497 (0498bR 0413aR)	0498 (0499bR 2670aR)	0499 (0500bR 2949aR)	0500 (0501bR 0421aR)	0501 (0502bR 0413aR)	0502 (0503bR 3834aR)	0503 (0504bR 3162aR)
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0546 (0547bR 0428aR)	0547 (0548bR 3140aR)	0548 (0549bR 1180aR)	0549 (0550bR 3581aR)	0550 (0551bR 0550aR)	0551 (0552bR 0938aR)	0552 (0553bR 1114aR)
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0560 (0561bR 3746aR)	0561 (0562bR 1082aR)	0562 (0563bR 3130aR)	0563 (0564bR 2672aR)	0564 (0565bR 0421aR)	0565 (0566bR 2476aR)	0566 (0567bR 2484aR)
0567 (0568bR 3441aR)	0568 (0569bR 3706aR)	0569 (0570bR 0434aR)	0570 (0571bR 1125aR)	0571 (0572bR 1090aR)	0572 (0573bR 4018aR)	0573 (0574bR 0570aR)
0574 (0575bR 2618aR)	0575 (0576bR 3132aR)	0576 (0577bR 0622aR)	0577 (0578bR 0938aR)	0578 (0579bR 0946aR)	0579 (0580bR 0622aR)	0580 (0581bR 0946aR)
0581 (0582bR 1082aR)	0582 (0583bR 2672aR)	0583 (0584bR 0413aR)	0584 (0585bR 2474aR)	0585 (0586bR 0564aR)	0586 (0587bR 3194aR)	0587 (0588bR 3402aR)
0588 (0589bR 0550aR)	0589 (0590bR 0390aR)	0590 (0591bR 0518aR)	0591 (0592bR 0550aR)	0592 (0593bR 0905aR)	0593 (0594bR 1916aR)	0594 (0595bR 1277aR)
0595 (0596bR 0392aR)	0596 (0597bR 3130aR)	0597 (0598bR 1354aR)	0598 (0599bR 0552aR)	0599 (0600bR 3114aR)	0600 (0601bR 0938aR)	0601 (0602bR 1066aR)
0602 (0603bR 2487aR)	0603 (0604bR 2434aR)	0604 (0605bR 3974aR)	0605 (0606bR 3172aR)	0606 (0607bR 3625aR)	0607 (0608bR 1404aR)	0608 (0609bR 3354aR)
0609 (0610bR 3458aR)	0610 (0611bR 3460aR)	0611 (0612bR 3482aR)	0612 (0613bR 4314aR)	0613 (0614bR 0946aR)	0614 (0615bR 1288aR)	0615 (0616bR 3165aR)
0616 (0617bR 3706aR)	0617 (0618bR 3133aR)	0618 (0619bR 0413aR)	0619 (0620bR 0421aR)	0620 (0621bR 0509aR)	0621 (0622bR 3834aR)	0622 (0623bR 2650aR)
0623 (0624bR 4196aR)	0624 (0625bR 4209aR)	0625 (0626bR 1710aR)	0626 (0627bR 0617aR)	0627 (0628bR 1437aR)	0628 (0629bR 1335aR)	0629 (0630bR 3783aR)
0630 (0631bR 0557aR)	0631 (0632bR 3749aR)	0632 (0633bR 1367aR)	0633 (0634bR 1612aR)	0634 (0635bR 1207aR)	0635 (0636bR 2660aR)	0636 (0637bR 3324aR)
0637 (0638bR 4317aR)	0638 (0639bR 3394aR)	0639 (0640bR 4125aR)	0640 (0641bR 2441aR)	0641 (0642bR 1972aR)	0642 (0643bR 4146aR)	0643 (0644bR 4151aR)
0644 (0645bR 2658aR)	0645 (0646bR 4349aR)	0646 (0647bR 4335aR)	0647 (0648bR 1245aR)	0648 (0649bR 3069aR)	0649 (0650bR 2429aR)	0650 (0651bR 3433aR)
0651 (0652bR 2253aR)	0652 (0653bR 1542aR)	0653 (0654bR 4282aR)	0654 (0655bR 1207aR)	0655 (0656bR 0422aR)	0656 (0657bR 4335aR)	0657 (0658bR 1245aR)
0658 (0659bR 2557aR)	0659 (0660bR 3257aR)	0660 (0661bR 2253aR)	0661 (0662bR 1972aR)	0662 (0663bR 2994aR)	0663 (0664bR 0949aR)	0664 (0665bR 3697aR)
0665 (0666bR 1710aR)	0666 (0667bR 1097aR)	0667 (0668bR 2100aR)	0668 (0669bR 2650aR)	0669 (0670bR 0565aR)	0670 (0671bR 4105aR)	0671 (0672bR 11973aR)
0672 (0673bR 2610aR)	0673 (0674bR 2615aR)	0674 (0675bR 2662aR)	0675 (0676bR 1114aR)	0676 (0677bR 1136aR)	0677 (0678bR 1336aR)	0678 (0679bR 4284aR)
0679 (0680bR 3253aR)	0680 (0681bR 3918aR)	0681 (0682bR 3708aR)	0682 (0683bR 3694aR)	0683 (0684bR 0565aR)	0684 (0685bR 3918aR)	0685 (0686bR 3740aR)
0686 (0687bR 3645aR)	0687 (0688bR 3404aR)	0688 (0689bR 3145aR)	0689 (0690bR 2253aR)	0690 (0691bR 1446aR)	0691 (0692bR 4325aR)	0692 (0693bR 2440aR)
0693 (0694bR 3140aR)	0694 (0695bR 4325aR)	0695 (0696bR 3432aR)	0696 (0697bR 3186aR)	0697 (0698bR 1392aR)	0698 (0699bR 0602aR)	0699 (0700bR 1317aR)
0700 (0701bR 2615aR)	0701 (0702bR 2485aR)	0702 (0703bR 4196aR)	0703 (0704bR 4349aR)	0704 (0705bR 4292aR)	0705 (0706bR 1194aR)	0706 (0707bR 4208aR)
0707 (0708bR 1317aR)	0708 (0709bR 2610aR)	0709 (0710bR 1285aR)	0710 (0711bR 3749aR)	0711 (0712bR 1362aR)	0712 (0713bR 4136aR)	0713 (0714bR 1136aR)
0714 (0715bR 0602aR)	0715 (0716bR 3496aR)	0716 (0717bR 3191aR)	0717 (0718bR 1030aR)	0718 (0719bR 4157aR)	0719 (0720bR 3716aR)	0720 (0721bR 4157aR)
0721 (0722bR 3918aR)	0722 (0723bR 3880aR)	0723 (0724bR 2994aR)	0724 (0725bR 1193aR)	0725 (0726bR 1928aR)	0726 (0727bR 2952aR)	0727 (0728bR 0631aR)
072						

0812 (0813bR 1148aR)	0813 (0814bR 3453aR)	0814 (0815bR 3836aR)	0815 (0816bR 1277aR)	0816 (0817bR 0421aR)	0817 (0818bR 3129aR)	0818 (0819bR 1437aR)
0819 (0820bR 0390aR)	0820 (0821bR 3402aR)	0821 (0822bR 2618aR)	0822 (0823bR 3333aR)	0823 (0824bR 3738aR)	0824 (0825bR 1154aR)	0825 (0826bR 3453aR)
0826 (0827bR 0425aR)	0827 (0828bR 1437aR)	0828 (0829bR 0392aR)	0829 (0830bR 1354aR)	0830 (0831bR 2566aR)	0831 (0832bR 1155aR)	0832 (0833bR 2618aR)
0833 (0834bR 1354aR)	0834 (0835bR 2661aR)	0835 (0836bR 0425aR)	0836 (0837bR 1436aR)	0837 (0838bR 3205aR)	0838 (0839bR 3165aR)	0839 (0840bR 0390aR)
0840 (0841bR 0554aR)	0841 (0842bR 2672aR)	0842 (0843bR 0392aR)	0843 (0844bR 0580aR)	0844 (0845bR 3365aR)	0845 (0846bR 1065aR)	0846 (0847bR 1404aR)
0847 (0848bR 3238aR)	0848 (0849bR 0426aR)	0849 (0850bR 1084aR)	0850 (0851bR 1362aR)	0851 (0852bR 0434aR)	0852 (0853bR 1154aR)	0853 (0854bR 4134aR)
0854 (0855bR 0951aR)	0855 (0856bR 0548aR)	0856 (0857bR 3494aR)	0857 (0858bR 3590aR)	0858 (0859bR 3173aR)	0859 (0860bR 0436aR)	0860 (0861bR 1192aR)
0861 (0862bR 1317aR)	0862 (0863bR 0390aR)	0863 (0864bR 0554aR)	0864 (0865bR 2670aR)	0865 (0866bR 0938aR)	0866 (0867bR 0612aR)	0867 (0868bR 4282aR)
0868 (0869bR 0902aR)	0869 (0870bR 0554aR)	0870 (0871bR 0622aR)	0871 (0872bR 0948aR)	0872 (0873bR 1148aR)	0873 (0874bR 4335aR)	0874 (0875bR 1210aR)
0875 (0876bR 2633aR)	0876 (0877bR 1574aR)	0877 (0878bR 4335aR)	0878 (0879bR 1210aR)	0879 (0880bR 3145aR)	0880 (0881bR 1574aR)	0881 (0882bR 4335aR)
0882 (0883bR 1212aR)	0883 (0884bR 0585aR)	0884 (0885bR 1574aR)	0885 (0886bR 4335aR)	0886 (0887bR 1212aR)	0887 (0888bR 1097aR)	0888 (0889bR 1574aR)
0889 (0890bR 4335aR)	0890 (0891bR 1212aR)	0891 (0892bR 2633aR)	0892 (0893bR 1574aR)	0893 (0894bR 4335aR)	0894 (0895bR 1212aR)	0895 (0896bR 3145aR)
0896 (0897bR 1574aR)	0897 (0898bR 4335aR)	0898 (0899bR 1210aR)	0899 (0900bR 3694aR)	0900 (0901bR 3145aR)	0901 (0902bR 2253aR)	0902 (0903bR 1446aR)
0903 (0904bR 4290aR)	0904 (0905bR 1126aR)	0905 (0906bR 1362aR)	0906 (0907bR 3976aR)	0907 (0908bR 1356aR)	0908 (0909bR 0941aR)	0909 (0910bR 0624aR)
0910 (0911bR 3362aR)	0911 (0912bR 1114aR)	0912 (0913bR 4428aR)	0913 (0914bR 2605aR)	0914 (0915bR 3209aR)	0915 (0916bR 1570aR)	0916 (0917bR 3686aR)
0917 (0918bR 1367aR)	0918 (0919bR 1618aR)	0919 (0920bR 3965aR)	0920 (0921bR 3114aR)	0921 (0922bR 4317aR)	0922 (0923bR 3432aR)	0923 (0924bR 3191aR)
0924 (0925bR 3162aR)	0925 (0926bR 1317aR)	0926 (0927bR 2672aR)	0927 (0928bR 3384aR)	0928 (0929bR 4137aR)	0929 (0930bR 3918aR)	0930 (0931bR 3741aR)
0931 (0932bR 1356aR)	0932 (0933bR 1069aR)	0933 (0934bR 3404aR)	0934 (0935bR 2477aR)	0935 (0936bR 3918aR)	0936 (0937bR 1155aR)	0937 (0938bR 2994aR)
0938 (0939bR 1161aR)	0939 (0940bR 1970aR)	0940 (0941bR 2613aR)	0941 (0942bR 1207aR)	0942 (0943bR 1021aR)	0943 (0944bR 3415aR)	0944 (0945bR 1618aR)
0945 (0946bR 3973aR)	0946 (0947bR 3848aR)	0947 (0948bR 3112aR)	0948 (0949bR 4274aR)	0949 (0950bR 0625aR)	0950 (0951bR 1710aR)	0951 (0952bR 1069aR)
0952 (0953bR 3402aR)	0953 (0954bR 1085aR)	0954 (0955bR 3918aR)	0955 (0956bR 3880aR)	0956 (0957bR 3133aR)	0957 (0958bR 2489aR)	0958 (0959bR 1572aR)
0959 (0960bR 3696aR)	0960 (0961bR 0612aR)	0961 (0962bR 4018aR)	0962 (0963bR 1390aR)	0963 (0964bR 3110aR)	0964 (0965bR 4335aR)	0965 (0966bR 1245aR)
0966 (0967bR 2952aR)	0967 (0968bR 1093aR)	0968 (0969bR 3848aR)	0969 (0970bR 2984aR)	0970 (0971bR 0951aR)	0971 (0972bR 2662aR)	0972 (0973bR 4151aR)
0973 (0974bR 2660aR)	0974 (0975bR 0562aR)	0975 (0976bR 4201aR)	0976 (0977bR 3410aR)	0977 (0978bR 4105aR)	0978 (0979bR 3708aR)	0979 (0980bR 3697aR)
0980 (0981bR 1710aR)	0981 (0982bR 0389aR)	0982 (0983bR 3206aR)	0983 (0984bR 3402aR)	0984 (0985bR 2629aR)	0985 (0986bR 3402aR)	0986 (0987bR 2653aR)
0987 (0988bR 1356aR)	0988 (0989bR 1125aR)	0989 (0990bR 2629aR)	0990 (0991bR 3877aR)	0991 (0992bR 2482aR)	0992 (0993bR 3365aR)	0993 (0994bR 4282aR)
0994 (0995bR 1077aR)	0995 (0996bR 1117aR)	0996 (0997bR 3182aR)	0997 (0998bR 0940aR)	0998 (0999bR 3511aR)	0999 (1000bR 0520aR)	1000 (1001bR 1335aR)
1001 (1002bR 0893aR)	1002 (1003bR 3141aR)	1003 (1004bR 2670aR)	1004 (1005bR 0938aR)	1005 (1006bR 4151aR)	1006 (1007bR 2610aR)	1007 (1008bR 1332aR)
1008 (1009bR 3383aR)	1009 (1010bR 3783aR)	1010 (1011bR 0386aR)	1011 (1012bR 3645aR)	1012 (1013bR 3752aR)	1013 (1014bR 3511aR)	1014 (1015bR 3783aR)
1015 (1016bR 0565aR)	1016 (1017bR 3714aR)	1017 (1018bR 3689aR)	1018 (1019bR 2253aR)	1019 (1020bR 1437aR)	1020 (1021bR 3255aR)	1021 (1022bR 0426aR)
1022 (1023bR 4282aR)	1023 (1024bR 2476aR)	1024 (1025bR 4157aR)	1025 (1026bR 3714aR)	1026 (1027bR 3653aR)	1027 (1028bR 3918aR)	1028 (1029bR 3717aR)
1029 (1030bR 1364aR)	1030 (1031bR 4134aR)	1031 (1032bR 0562aR)	1032 (1033bR 0624aR)	1033 (1034bR 3384aR)	1034 (1035bR 3977aR)	1035 (1036bR 3129aR)
1036 (1037bR 1928aR)	1037 (1038bR 3138aR)	1038 (1039bR 3965aR)	1039 (1040bR 3837aR)	1040 (1041bR 3432aR)	1041 (1042bR 0628aR)	1042 (1043bR 3438aR)
1043 (1044bR 0517aR)	1044 (1045bR 1356aR)	1045 (1046bR 1069aR)	1046 (1047bR 3410aR)	1047 (1048bR 3976aR)	1048 (1049bR 3182aR)	1049 (1050bR 0541aR)
1050 (1051bR 3209aR)	1051 (1052bR 2100aR)	1052 (1053bR 3418aR)	1053 (1054bR 4137aR)	1054 (1055bR 1410aR)	1055 (1056bR 3255aR)	1056 (1057bR 0933aR)
1057 (1058bR 1335aR)	1058 (1059bR 2650aR)	1059 (1060bR 3621aR)	1060 (1061bR 3740aR)	1061 (1062bR 3242aR)	1062 (1063bR 4317aR)	1063 (1064bR 2476aR)
1064 (1065bR 3184aR)	1065 (1066bR 0612aR)	1066 (1067bR 3464aR)	1067 (1068bR 0439aR)	1068 (1069bR 2485aR)	1069 (1070bR 4186aR)	1070 (1071bR 4389aR)
1071 (1072bR 4282aR)	1072 (1073bR 2997aR)	1073 (1074bR 0624aR)	1074 (1075bR 3365aR)	1075 (1076bR 2610aR)	1076 (1077bR 1390aR)	1077 (1078bR 0517aR)
1078 (1079bR 1362aR)	1079 (1080bR 3976aR)	1080 (1081bR 3182aR)	1081 (1082bR 2982aR)	1082 (1083bR 4157aR)	1083 (1084bR 3918aR)	1084 (1085bR 3848aR)
1085 (1086bR 0439aR)	1086 (1087bR 2662aR)	1087 (1088bR 4439aR)	1088 (1089bR 1618aR)	1089 (1090bR 4125aR)	1090 (1091bR 2476aR)	1091 (1092bR 4325aR)
1092 (1093bR 3069aR)	1093 (1094bR 2489aR)	1094 (1095bR 1972aR)	1095 (1096bR 3162aR)	1096 (1097bR 3415aR)	1097 (1098bR 1610aR)	1098 (1099bR 2632aR)
1099 (1100bR 4292aR)	1100 (1101bR 3145aR)	1101 (1102bR 2253aR)	1102 (1103bR 1434aR)	1103 (1104bR 3383aR)	1104 (1105bR 0518aR)	1105 (1106bR 4209aR)
1106 (1107bR 1710aR)	1107 (1108bR 1097aR)	1108 (1109bR 2253aR)	1109 (1110bR 1446aR)	1110 (1111bR 4290aR)	1111 (1112bR 1126aR)	1112 (1113bR 1362aR)
1113 (1114bR 1314aR)	1114 (1115bR 3976aR)	1115 (1116bR 1364aR)	1116 (1117bR 4122aR)	1117 (1118bR 1277aR)	1118 (1119bR 0439aR)	1119 (1120bR 1032aR)
1120 (1121bR 0624aR)	1121 (1122bR 1282aR)	1122 (1123bR 3174aR)	1123 (1124bR 3511aR)	1124 (1125bR 1029aR)	1125 (1126bR 1322aR)	1126 (1127bR 4292aR)
1127 (1128bR 2632aR)	1128 (1129bR 3511aR)	1129 (1130bR 3783aR)	1130 (1131bR 0538aR)	1131 (1132bR 3686aR)	1132 (1133bR 3336aR)	1133 (1134bR 3402aR)
1134 (1135bR 0550aR)	1135 (1136bR 1192aR)	1136 (1137bR 1321aR)	1137 (1138bR 2253aR)	1138 (1139bR 1437aR)	1139 (1140bR 0585aR)	1140 (1141bR 1437aR)
1141 (1142bR 1129aR)	1142 (1143bR 1442aR)	1143 (1144bR 3334aR)	1144 (1145bR 1193aR)	1145 (1146bR 1437aR)	1146 (1147bR 1289aR)	1147 (1148bR 2253aR)
1148 (1149bR 1437aR)	1149 (1150bR 1335aR)	1150 (1151bR 0546aR)	1151 (1152bR 3645aR)	1152 (1153bR 3918aR)	1153 (1154bR 3741aR)	1154 (1155bR 1354aR)
1155 (1156bR 0934aR)	1156 (1157bR 4325aR)	1157 (1158bR 3114aR)	1158 (1159bR 1274aR)	1159 (1160bR 4325aR)	1160 (1161bR 3432aR)	1161 (1162bR 3186aR)
1162 (1163bR 1390aR)	1163 (1164bR 0517aR)	1164 (1165bR 1362aR)	1165 (1166bR 3974aR)	1166 (1167bR 1134aR)	1167 (1168bR 0429aR)	1168 (1169bR 3740aR)
1169 (1170bR 3253aR)	1170 (1171bR 3716aR)	1171 (1172bR 3689aR)	1172 (1173bR 2253aR)	1173 (1174bR 1530aR)	1174 (1175bR 1189aR)	1175 (1176bR 2482aR)
1176 (1177bR 3404aR)	1177 (1178bR 0552aR)	1178 (1179bR 1204aR)	1179 (1180bR 3506aR)	1180 (1181bR 1285aR)	1181 (1182bR 2999aR)	1182 (1183bR 0520aR)
1183 (1184bR 0613aR)	1184 (1185bR 3866aR)	1185 (1186bR 3974aR)	1186 (1187bR 1124aR)	1187 (1188bR 4426aR)	1188 (1189bR 0520aR)	1189 (1190bR 3325aR)
1190 (1191bR 3740aR)	1191 (1192bR 3133aR)	1192 (1193bR 2632aR)	1193 (1194bR 3325aR)	1194 (1195bR 2612aR)	1195 (1196bR 1364aR)	1196 (1197bR 0602aR)
1197 (1198bR 3508aR)	1198 (1199bR 3209aR)	1199 (1200bR 1437aR)	1200 (1201bR 2484aR)	1201 (1202bR 4292aR)	1202 (1203bR 0562aR)	1203 (1204bR 3325aR)
1204 (1205bR 3868aR)	1205 (1206bR 3974aR)	1206 (1207bR 2996aR)	1207 (1208bR 3438aR)	1208 (1209bR 2973aR)	1209 (1210bR 1160aR)	1210 (1211bR 3197aR)
1211 (1212bR 1114aR)	1212 (1213bR 4008aR)	1213 (1214bR 2667aR)	1214 (1215bR 2565aR)	1215 (1216bR 3240aR)	1216 (1217bR 3332aR)	1217 (1218bR 2612aR)
1218 (1219bR 1354aR)	1219 (1220bR 2650aR)	1220 (1221bR 4151aR)	1221 (1222bR 1020aR)	1222 (1223bR 4008aR)	1223 (1224bR 0624aR)	1224 (1225bR 2610aR)
1225 (1226bR 1154aR)	1226 (1227bR 4137aR)	1227 (1228bR 3748aR)	1228 (1229bR 2628aR)	1229 (1230bR 3634aR)	1230 (1231bR 1285aR)	1231 (1232bR 2999aR)
1232 (1233bR 0378aR)	1233 (1234bR 1158aR)	1234 (1235bR 0572aR)	1235 (1236bR 3592aR)	1236 (1237bR 3240aR)	1237 (1238bR 0604aR)	1238 (1239bR 4105aR)
1239 (1240bR 1437aR)	1240 (1241bR 2476aR)	1241 (1242bR 4284aR)	1242 (1243bR 1160aR)	1243 (1244bR 0624aR)	1244 (1245bR 2482aR)	1245 (1246bR 1157aR)
1246 (1247bR 3114aR)	1247 (1248bR 3415aR)	1248 (1249bR 1610aR)	1249 (1250bR 2472aR)	1250 (1251bR 4290aR)	1251 (1252bR 0554aR)	1252 (1253bR 4206aR)
1253 (1254bR 0941aR)	1254 (1255bR 0625aR)	1255 (1256bR 1710aR)	1256 (1257bR 1097aR)	1257 (1258bR 1532aR)	1258 (1259bR 1205aR)	1259 (1260bR 3918aR)
1260 (1261bR 3741aR)	1261 (1262bR 1354aR)	1262 (1263bR 0934aR)	1263 (1264bR 4325aR)	1264 (1265bR 3074aR)	1265 (1266bR 3965aR)	1266 (1267bR 3418aR)
1267 (1268bR 1354aR)	1268 (1269bR 0934aR)	1269 (1270bR 4282aR)	1270 (1271bR 1207aR)	1271 (1272bR 2650aR)	1272 (1273bR 3511aR)	1273 (1274bR 0550aR)
1274 (1275bR 4209aR)	1275 (1276bR 1710aR)	1276 (1277bR 2557aR)	1277 (1278bR 1192aR)	1278 (1279bR 1356aR)	1279 (1280bR 0934aR)	1280 (1281bR 4157aR)
1281 (1282bR 2661aR)	1282 (1283bR 0439aR)	1283 (1284bR 3783aR)	1284 (1285bR 0386aR)	1285 (1286bR 3645aR)	1286 (1287bR 3714aR)	1287 (1288bR 0614aR)
1288 (1289bR 1367aR)	1289 (1290bR 1610aR)	1290 (1291bR 2629aR)	1291 (1292bR 1354aR)	1292 (1293bR 2653aR)	1293 (1294bR 3404aR)	1294 (1295bR 1032aR)
1295 (1296bR 3337aR)	1296 (1297bR 1541aR)	1297 (1298bR 2661aR)	1298 (1299bR 1134aR)	1299 (1300bR 0938aR)	1300 (1301bR 4023aR)	1301 (1302bR 3783aR)
1302 (1303bR 0557aR)	1303 (1304bR 3880aR)	1304 (1305bR 0439aR)	1305 (1306bR 3177aR)	1306 (1307bR 3122aR)	1307 (1308bR 0612aR)	1308 (1309bR 4426aR)
1309 (1310bR 0585aR)	1310 (1311bR 2100aR)	1311 (1312bR 2568aR)	1312 (1313bR 0617aR)	1313 (1314bR 1445aR)	1314 (1315bR 1335aR)	1315 (1316bR 3783aR)
1316 (1317bR 0538aR)	1317 (1318bR 3653aR)	1318 (1319bR 2661aR)	1319 (1320bR 0439aR)	1320 (1321bR 1018aR)	1321 (1322bR 4157aR)	1322 (1323bR 1117aR)
1323 (1324bR 3130aR)	1324 (1325bR 4335aR)	1325 (1326bR 1210aR)	1326 (1327bR 1069aR)	1327 (1328bR 1117aR)	1328 (1329bR 3182aR)	1329 (1330bR 2565aR)
1330 (1331bR 1322aR)	1331 (1332bR 3634aR)	1332 (1333bR 4151aR)	1333 (1334bR 3783aR)	1334 (1335bR 0518aR)	1335 (1336bR 4206aR)	1336 (

1428 (1429bR  3637aR)	1429 (1430bR  2661aR)	1430 (1431bR  0439aR)	1431 (1432bR  3783aR)	1432 (1433bR  0518aR)	1433 (1434bR  1207aR)	1434 (1435bR  0518aR)
1435 (1436bR  3383aR)	1436 (1437bR  1060aR)	1437 (1438bR  4010aR)	1438 (1439bR  3639aR)	1439 (1440bR  0518aR)	1440 (1441bR  4023aR)	1441 (1442bR  3783aR)
1442 (1443bR  0518aR)	1443 (1444bR  4206aR)	1444 (1445bR  2461aR)	1445 (1446bR  1161aR)	1446 (1447bR  2253aR)	1447 (1448bR  1586aR)	1448 (1449bR  3465aR)
1449 (1450bR  1532aR)	1450 (1451bR  3373aR)	1451 (1452bR  1125aR)	1452 (1453bR  0426aR)	1453 (1454bR  3229aR)	1454 (1455bR  3714aR)	1455 (1456bR  3462aR)
1456 (1457bR  3410aR)	1457 (1458bR  0602aR)	1458 (1459bR  4104aR)	1459 (1460bR  3191aR)	1460 (1461bR  0518aR)	1461 (1462bR  0585aR)	1462 (1463bR  1437aR)
1463 (1464bR  0565aR)	1464 (1465bR  3748aR)	1465 (1466bR  0578aR)	1466 (1467bR  3462aR)	1467 (1468bR  1134aR)	1468 (1469bR  0938aR)	1469 (1470bR  3593aR)
1470 (1471bR  1402aR)	1471 (1472bR  1085aR)	1472 (1473bR  2629aR)	1473 (1474bR  0439aR)	1474 (1475bR  0380aR)	1475 (1476bR  1286aR)	1476 (1477bR  1149aR)
1477 (1478bR  0556aR)	1478 (1479bR  1356aR)	1479 (1480bR  1064aR)	1480 (1481bR  3373aR)	1481 (1482bR  1082aR)	1482 (1483bR  3494aR)	1483 (1484bR  2672aR)
1484 (1485bR  0434aR)	1485 (1486bR  1160aR)	1486 (1487bR  3133aR)	1487 (1488bR  3918aR)	1488 (1489bR  3706aR)	1489 (1490bR  2621aR)	1490 (1491bR  1134aR)
1491 (1492bR  0940aR)	1492 (1493bR  3696aR)	1493 (1494bR  1114aR)	1494 (1495bR  3592aR)	1495 (1496bR  3191aR)	1496 (1497bR  0518aR)	1497 (1498bR  3383aR)
1498 (1499bR  2610aR)	1499 (1500bR  1149aR)	1500 (1501bR  3129aR)	1501 (1502bR  2380aR)	1502 (1503bR  3500aR)	1503 (1504bR  4343aR)	1504 (1505bR  0518aR)
1505 (1506bR  3383aR)	1506 (1507bR  2610aR)	1507 (1508bR  1309aR)	1508 (1509bR  3129aR)	1509 (1510bR  1578aR)	1510 (1511bR  3639aR)	1511 (1512bR  4335aR)
1512 (1513bR  1212aR)	1513 (1514bR  1158aR)	1514 (1515bR  4284aR)	1515 (1516bR  1192aR)	1516 (1517bR  4282aR)	1517 (1518bR  0552aR)	1518 (1519bR  1158aR)
1519 (1520bR  3402aR)	1520 (1521bR  2632aR)	1521 (1522bR  1367aR)	1522 (1523bR  1610aR)	1523 (1524bR  3255aR)	1524 (1525bR  3172aR)	1525 (1526bR  4349aR)
1526 (1527bR  2672aR)	1527 (1528bR  0612aR)	1528 (1529bR  4349aR)	1529 (1530bR  2670aR)	1530 (1531bR  3145aR)	1531 (1532bR  2253aR)	1532 (1533bR  1446aR)
1533 (1534bR  4325aR)	1534 (1535bR  3077aR)	1535 (1536bR  2441aR)	1536 (1537bR  2100aR)	1537 (1538bR  2610aR)	1538 (1539bR  0617aR)	1539 (1540bR  3127aR)
1540 (1541bR  0390aR)	1541 (1542bR  4317aR)	1542 (1543bR  2485aR)	1543 (1544bR  3716aR)	1544 (1545bR  3689aR)	1545 (1546bR  2253aR)	1546 (1547bR  1404aR)
1547 (1548bR  2620aR)	1548 (1549bR  3613aR)	1549 (1550bR  1065aR)	1550 (1551bR  1437aR)	1551 (1552bR  1062aR)	1552 (1553bR  1134aR)	1553 (1554bR  0946aR)
1554 (1555bR  0573aR)	1555 (1556bR  3740aR)	1556 (1557bR  3973aR)	1557 (1558bR  2438aR)	1558 (1559bR  3127aR)	1559 (1560bR  2949aR)	1560 (1561bR  2484aR)
1561 (1562bR  0948aR)	1562 (1563bR  3438aR)	1563 (1564bR  0413aR)	1564 (1565bR  0940aR)	1565 (1566bR  3182aR)	1566 (1567bR  0940aR)	1567 (1568bR  3138aR)
1568 (1569bR  4284aR)	1569 (1570bR  1274aR)	1570 (1571bR  3511aR)	1571 (1572bR  0936aR)	1572 (1573bR  0562aR)	1573 (1574bR  0580aR)	1574 (1575bR  3412aR)
1575 (1576bR  0562aR)	1576 (1577bR  1306aR)	1577 (1578bR  1317aR)	1578 (1579bR  4282aR)	1579 (1580bR  0940aR)	1580 (1581bR  3236aR)	1581 (1582bR  4284aR)
1582 (1583bR  1188aR)	1583 (1584bR  3625aR)	1584 (1585bR  1437aR)	1585 (1586bR  2438aR)	1586 (1587bR  1356aR)	1587 (1588bR  1114aR)	1588 (1589bR  3322aR)
1589 (1590bR  3621aR)	1590 (1591bR  3866aR)	1591 (1592bR  3325aR)	1592 (1593bR  2429aR)	1593 (1594bR  3129aR)	1594 (1595bR  1404aR)	1595 (1596bR  1277aR)
1596 (1597bR  1065aR)	1597 (1598bR  1437aR)	1598 (1599bR  1064aR)	1599 (1600bR  0622aR)	1600 (1601bR  0946aR)	1601 (1602bR  0573aR)	1602 (1603bR  3740aR)
1603 (1604bR  3973aR)	1604 (1605bR  2438aR)	1605 (1606bR  3127aR)	1606 (1607bR  2949aR)	1607 (1608bR  2476aR)	1608 (1609bR  2996aR)	1609 (1610bR  3438aR)
1610 (1611bR  0940aR)	1611 (1612bR  3132aR)	1612 (1613bR  4284aR)	1613 (1614bR  1274aR)	1614 (1615bR  3593aR)	1615 (1616bR  1404aR)	1616 (1617bR  3162aR)
1617 (1618bR  3236aR)	1618 (1619bR  3965aR)	1619 (1620bR  3714aR)	1620 (1621bR  3621aR)	1621 (1622bR  1079aR)	1622 (1623bR  0520aR)	1623 (1624bR  0434aR)
1624 (1625bR  1354aR)	1625 (1626bR  0549aR)	1626 (1627bR  2566aR)	1627 (1628bR  3122aR)	1628 (1629bR  0622aR)	1629 (1630bR  0388aR)	1630 (1631bR  3621aR)
1631 (1632bR  2472aR)	1632 (1633bR  0951aR)	1633 (1634bR  2597aR)	1634 (1635bR  2476aR)	1635 (1636bR  2484aR)	1636 (1637bR  2484aR)	1637 (1638bR  0508aR)
1638 (1639bR  3644aR)	1639 (1640bR  3590aR)	1640 (1641bR  3334aR)	1641 (1642bR  3122aR)	1642 (1643bR  0602aR)	1643 (1644bR  3402aR)	1644 (1645bR  0901aR)
1645 (1646bR  1189aR)	1646 (1647bR  2484aR)	1647 (1648bR  3462aR)	1648 (1649bR  3122aR)	1649 (1650bR  0602aR)	1650 (1651bR  3402aR)	1651 (1652bR  1021aR)
1652 (1653bR  1117aR)	1653 (1654bR  3130aR)	1654 (1655bR  4008aR)	1655 (1656bR  2660aR)	1656 (1657bR  3453aR)	1657 (1658bR  4022aR)	1658 (1659bR  0938aR)
1659 (1660bR  3138aR)	1660 (1661bR  1180aR)	1661 (1662bR  3621aR)	1662 (1663bR  2440aR)	1663 (1664bR  0562aR)	1664 (1665bR  2670aR)	1665 (1666bR  0892aR)
1666 (1667bR  4157aR)	1667 (1668bR  0556aR)	1668 (1669bR  1285aR)	1669 (1670bR  1064aR)	1670 (1671bR  0434aR)	1671 (1672bR  1116aR)	1672 (1673bR  1354aR)
1673 (1674bR  2437aR)	1674 (1675bR  3206aR)	1675 (1676bR  3162aR)	1676 (1677bR  4102aR)	1677 (1678bR  3122aR)	1678 (1679bR  0602aR)	1679 (1680bR  3330aR)
1680 (1681bR  4284aR)	1681 (1682bR  1188aR)	1682 (1683bR  4009aR)	1683 (1684bR  1437aR)	1684 (1685bR  2440aR)	1685 (1686bR  2440aR)	1686 (1687bR  0509aR)
1687 (1688bR  2470aR)	1688 (1689bR  3122aR)	1689 (1690bR  0622aR)	1690 (1691bR  0940aR)	1691 (1692bR  3138aR)	1692 (1693bR  3402aR)	1693 (1694bR  0904aR)
1694 (1695bR  0434aR)	1695 (1696bR  1092aR)	1696 (1697bR  3402aR)	1697 (1698bR  3116aR)	1698 (1699bR  3182aR)	1699 (1700bR  0506aR)	1700 (1701bR  3973aR)
1701 (1702bR  2438aR)	1702 (1703bR  3127aR)	1703 (1704bR  2949aR)	1704 (1705bR  2476aR)	1705 (1706bR  2484aR)	1706 (1707bR  3441aR)	1707 (1708bR  3706aR)
1708 (1709bR  3162aR)	1709 (1710bR  3621aR)	1710 (1711bR  2440aR)	1711 (1712bR  0567aR)	1712 (1713bR  2597aR)	1713 (1714bR  2474aR)	1714 (1715bR  2660aR)
1715 (1716bR  3485aR)	1716 (1717bR  3706aR)	1717 (1718bR  3140aR)	1718 (1719bR  3621aR)	1719 (1720bR  2440aR)	1720 (1721bR  0567aR)	1721 (1722bR  2597aR)
1722 (1723bR  2482aR)	1723 (1724bR  3365aR)	1724 (1725bR  2615aR)	1725 (1726bR  0506aR)	1726 (1727bR  3370aR)	1727 (1728bR  3494aR)	1728 (1729bR  2652aR)
1729 (1730bR  3621aR)	1730 (1731bR  2440aR)	1731 (1732bR  0562aR)	1732 (1733bR  0602aR)	1733 (1734bR  0892aR)	1734 (1735bR  4157aR)	1735 (1736bR  0938aR)
1736 (1737bR  3357aR)	1737 (1738bR  1064aR)	1738 (1739bR  0434aR)	1739 (1740bR  1116aR)	1740 (1741bR  1354aR)	1741 (1742bR  0389aR)	1742 (1743bR  2612aR)
1743 (1744bR  1317aR)	1744 (1745bR  1065aR)	1745 (1746bR  1437aR)	1746 (1747bR  1064aR)	1747 (1748bR  3184aR)	1748 (1749bR  1064aR)	1749 (1750bR  0604aR)
1750 (1751bR  2660aR)	1751 (1752bR  4441aR)	1752 (1753bR  1404aR)	1753 (1754bR  3229aR)	1754 (1755bR  1064aR)	1755 (1756bR  0434aR)	1756 (1757bR  1136aR)
1757 (1758bR  1064aR)	1758 (1759bR  0570aR)	1759 (1760bR  4134aR)	1760 (1761bR  0622aR)	1761 (1762bR  0421aR)	1762 (1763bR  0556aR)	1763 (1764bR  3162aR)
1764 (1765bR  1276aR)	1765 (1766bR  4316aR)	1766 (1767bR  3162aR)	1767 (1768bR  4196aR)	1768 (1769bR  4206aR)	1769 (1770bR  3234aR)	1770 (1771bR  3621aR)
1771 (1772bR  3918aR)	1772 (1773bR  3706aR)	1773 (1774bR  2630aR)	1774 (1775bR  1354aR)	1775 (1776bR  0520aR)	1776 (1777bR  3511aR)	1777 (1778bR  3783aR)
1778 (1779bR  0410aR)	1779 (1780bR  1205aR)	1780 (1781bR  0622aR)	1781 (1782bR  3117aR)	1782 (1783bR  3918aR)	1783 (1784bR  3738aR)	1784 (1785bR  3686aR)
1785 (1786bR  1362aR)	1786 (1787bR  4137aR)	1787 (1788bR  2476aR)	1788 (1789bR  4290aR)	1789 (1790bR  1194aR)	1790 (1791bR  4209aR)	1791 (1792bR  1710aR)
1792 (1793bR  0514aR)	1793 (1794bR  3686aR)	1794 (1795bR  3366aR)	1795 (1796bR  0572aR)	1796 (1797bR  4282aR)	1797 (1798bR  2566aR)	1798 (1799bR  3506aR)
1799 (1800bR  4138aR)	1800 (1801bR  1157aR)	1801 (1802bR  3918aR)	1802 (1803bR  3714aR)	1803 (1804bR  3629aR)	1804 (1805bR  3714aR)	1805 (1806bR  4021aR)
1806 (1807bR  3708aR)	1807 (1808bR  1076aR)	1808 (1809bR  3634aR)	1809 (1810bR  4284aR)	1810 (1811bR  1160aR)	1811 (1812bR  3415aR)	1812 (1813bR  1610aR)
1813 (1814bR  3255aR)	1814 (1815bR  3162aR)	1815 (1816bR  1362aR)	1816 (1817bR  1314aR)	1817 (1818bR  3976aR)	1818 (1819bR  3412aR)	1819 (1820bR  4122aR)
1820 (1821bR  3322aR)	1821 (1822bR  4325aR)	1822 (1823bR  3068aR)	1823 (1824bR  3972aR)	1824 (1825bR  4325aR)	1825 (1826bR  2440aR)	1826 (1827bR  2948aR)
1827 (1828bR  4325aR)	1828 (1829bR  2482aR)	1829 (1830bR  3362aR)	1830 (1831bR  4212aR)	1831 (1832bR  1134aR)	1832 (1833bR  0517aR)	1833 (1834bR  1362aR)
1834 (1835bR  3976aR)	1835 (1836bR  3402aR)	1836 (1837bR  0585aR)	1837 (1838bR  1970aR)	1838 (1839bR  1321aR)	1839 (1840bR  1970aR)	1840 (1841bR  4206aR)
1841 (1842bR  2982aR)	1842 (1843bR  4157aR)	1843 (1844bR  3918aR)	1844 (1845bR  3706aR)	1845 (1846bR  2658aR)	1846 (1847bR  4137aR)	1847 (1848bR  1412aR)
1848 (1849bR  1094aR)	1849 (1850bR  1149aR)	1850 (1851bR  3114aR)	1851 (1852bR  0570aR)	1852 (1853bR  3402aR)	1853 (1854bR  1029aR)	1854 (1855bR  3238aR)
1855 (1856bR  1124aR)	1856 (1857bR  3453aR)	1857 (1858bR  0425aR)	1858 (1859bR  1437aR)	1859 (1860bR  3114aR)	1860 (1861bR  1354aR)	1861 (1862bR  2618aR)
1862 (1863bR  1157aR)	1863 (1864bR  3708aR)	1864 (1865bR  2986aR)	1865 (1866bR  1124aR)	1866 (1867bR  3453aR)	1867 (1868bR  3834aR)	1868 (1869bR  3325aR)
1869 (1870bR  0948aR)	1870 (1871bR  3441aR)	1871 (1872bR  3706aR)	1872 (1873bR  2653aR)	1873 (1874bR  3127aR)	1874 (1875bR  0924aR)	1875 (1876bR  4013aR)
1876 (1877bR  0436aR)	1878 (1878bR  3194aR)	1878 (1879bR  3461aR)	1879 (1880bR  3714aR)	1880 (1881bR  4134aR)	1881 (1882bR  0624aR)	1882 (1883bR  3122aR)
1883 (1884bR  1316aR)	1884 (1885bR  4137aR)	1885 (1886bR  3706aR)	1886 (1887bR  2661aR)	1887 (1888bR  3127aR)	1888 (1889bR  0924aR)	1889 (1890bR  4149aR)
1890 (1891bR  0436aR)	1891 (1892bR  3194aR)	1892 (1893bR  3461aR)	1893 (1894bR  3714aR)	1894 (1895bR  4134aR)	1895 (1896bR  0624aR)	1896 (1897bR  3122aR)
1897 (1898bR  1308aR)	1898 (1899bR  4137aR)	1899 (1900bR  3708aR)	1900 (1901bR  3117aR)	1901 (1902bR  3336aR)	1902 (1903bR  3197aR)	1903 (1904bR  0564aR)
1904 (1905bR  3194aR)	1905 (1906bR  3461aR)	1906 (1907bR  3708aR)	1907 (1908bR  3114aR)	1908 (1909bR  3634aR)	1909 (1910bR  4140aR)	1910 (1911bR  1189aR)
1911 (1912bR  3114aR)	1912 (1913bR  0570aR)	1913 (1914bR  3402aR)	1914 (1915bR  2429aR)	1915 (1916bR  0426aR)	1916 (1917bR  3229aR)	1917 (1918bR  1074aR)
1918 (1919bR  1317aR)	1919 (1920bR  0390aR)	1920 (1921bR  0554aR)	1921 (1922bR  2670aR)	1922 (1923bR  0890aR)	1923 (1924bR  3590aR)	1924 (1925bR  3130aR)
1925 (1926bR  3496aR)	1926 (1927bR  1124aR)	1927 (1928bR  3453aR)	1928 (1929bR  0422aR)	1929 (1930bR  0951aR)	1930 (1931bR  0520aR)	



2044 (2045bBr  3740aR)	2045 (2046bBr  0580aR)	2046 (2047bBr  3965aR)	2047 (2048bBr  2953aR)	2048 (2049bBr  1434aR)	2049 (2050bBr  3140aR)	2050 (2051bBr  3650aR)
2051 (2052bBr  4093aR)	2052 (2053bBr  2984aR)	2053 (2054bBr  2999aR)	2054 (2055bBr  0520aR)	2055 (2056bBr  2476aR)	2056 (2057bBr  1364aR)	2057 (2058bBr  2482aR)
2058 (2059bBr  1181aR)	2059 (2060bBr  3129aR)	2060 (2061bBr  1404aR)	2061 (2062bBr  1181aR)	2062 (2063bBr  2953aR)	2063 (2064bBr  1436aR)	2064 (2065bBr  3322aR)
2065 (2066bBr  3590aR)	2066 (2067bBr  3170aR)	2067 (2068bBr  1308aR)	2068 (2069bBr  4125aR)	2069 (2070bBr  3714aR)	2070 (2071bBr  1068aR)	2071 (2072bBr  3244aR)
2072 (2073bBr  1306aR)	2073 (2074bBr  4101aR)	2074 (2075bBr  3081aR)	2075 (2076bBr  2074aR)	2076 (2077bBr  3974aR)	2077 (2078bBr  1317aR)	2078 (2079bBr  0622aR)
2079 (2080bBr  0948aR)	2080 (2081bBr  0578aR)	2081 (2082bBr  4292aR)	2082 (2083bBr  0564aR)	2083 (2084bBr  1122aR)	2084 (2085bBr  1364aR)	2085 (2086bBr  2610aR)
2086 (2087bBr  1146aR)	2087 (2088bBr  3365aR)	2088 (2089bBr  4284aR)	2089 (2090bBr  0902aR)	2090 (2091bBr  3965aR)	2091 (2092bBr  0940aR)	2092 (2093bBr  3324aR)
2093 (2094bBr  4093aR)	2094 (2095bBr  2984aR)	2095 (2096bBr  2999aR)	2096 (2097bBr  0516aR)	2097 (2098bBr  1276aR)	2098 (2099bBr  4012aR)	2099 (2100bBr  1189aR)
2100 (2101bBr  2474aR)	2101 (2102bBr  2620aR)	2102 (2103bBr  3330aR)	2103 (2104bBr  4093aR)	2104 (2105bBr  2984aR)	2105 (2106bBr  2999aR)	2106 (2107bBr  0520aR)
2107 (2108bBr  2482aR)	2108 (2109bBr  1134aR)	2109 (2110bBr  0948aR)	2110 (2111bBr  1116aR)	2111 (2112bBr  1354aR)	2112 (2113bBr  2941aR)	2113 (2114bBr  3080aR)
2114 (2115bBr  2484aR)	2115 (2116bBr  1134aR)	2116 (2117bBr  0946aR)	2117 (2118bBr  1124aR)	2118 (2119bBr  1354aR)	2119 (2120bBr  2981aR)	2120 (2121bBr  1276aR)
2121 (2122bBr  3590aR)	2122 (2123bBr  3162aR)	2123 (2124bBr  4008aR)	2124 (2125bBr  2620aR)	2125 (2126bBr  1156aR)	2126 (2127bBr  4134aR)	2127 (2128bBr  2484aR)
2128 (2129bBr  0610aR)	2129 (2130bBr  3362aR)	2130 (2131bBr  4284aR)	2131 (2132bBr  1306aR)	2132 (2133bBr  4137aR)	2133 (2134bBr  2074aR)	2134 (2135bBr  3976aR)
2135 (2136bBr  2612aR)	2136 (2137bBr  3438aR)	2137 (2138bBr  2428aR)	2138 (2139bBr  3581aR)	2139 (2140bBr  0614aR)	2140 (2141bBr  2628aR)	2141 (2142bBr  3976aR)
2142 (2143bBr  1122aR)	2143 (2144bBr  4093aR)	2144 (2145bBr  2984aR)	2145 (2146bBr  2996aR)	2146 (2147bBr  3182aR)	2147 (2148bBr  0948aR)	2148 (2149bBr  0610aR)
2149 (2150bBr  4324aR)	2150 (2151bBr  0602aR)	2151 (2152bBr  4101aR)	2152 (2153bBr  3129aR)	2153 (2154bBr  1530aR)	2154 (2155bBr  3138aR)	2155 (2156bBr  1205aR)
2156 (2157bBr  0613aR)	2157 (2158bBr  0428aR)	2158 (2159bBr  3590aR)	2159 (2160bBr  3162aR)	2160 (2161bBr  4008aR)	2161 (2162bBr  2660aR)	2162 (2163bBr  3453aR)
2163 (2164bBr  0422aR)	2164 (2165bBr  0938aR)	2165 (2166bBr  3138aR)	2166 (2167bBr  3234aR)	2167 (2168bBr  3621aR)	2168 (2169bBr  2600aR)	2169 (2170bBr  2484aR)
2170 (2171bBr  1124aR)	2171 (2172bBr  1316aR)	2172 (2173bBr  4284aR)	2173 (2174bBr  1306aR)	2174 (2175bBr  4005aR)	2175 (2176bBr  3874aR)	2176 (2177bBr  1277aR)
2177 (2178bBr  2984aR)	2178 (2179bBr  3191aR)	2179 (2180bBr  4282aR)	2180 (2181bBr  0392aR)	2181 (2182bBr  0428aR)	2182 (2183bBr  3325aR)	2183 (2184bBr  2604aR)
2184 (2185bBr  1154aR)	2185 (2186bBr  4093aR)	2186 (2187bBr  2984aR)	2187 (2188bBr  2999aR)	2188 (2189bBr  0520aR)	2189 (2190bBr  2474aR)	2190 (2191bBr  2670aR)
2191 (2192bBr  0946aR)	2192 (2193bBr  0610aR)	2193 (2194bBr  1364aR)	2194 (2195bBr  2482aR)	2195 (2196bBr  1181aR)	2196 (2197bBr  3116aR)	2197 (2198bBr  1354aR)
2198 (2199bBr  0520aR)	2199 (2200bBr  1076aR)	2200 (2201bBr  0625aR)	2201 (2202bBr  1710aR)	2202 (2203bBr  0940aR)	2203 (2204bBr  3694aR)	2204 (2205bBr  0946aR)
2205 (2206bBr  4206aR)	2206 (2207bBr  0410aR)	2207 (2208bBr  4146aR)	2208 (2209bBr  4290aR)	2209 (2210bBr  3336aR)	2210 (2211bBr  3241aR)	2211 (2212bBr  1437aR)
2212 (2213bBr  0605aR)	2213 (2214bBr  3918aR)	2214 (2215bBr  3738aR)	2215 (2216bBr  0605aR)	2216 (2217bBr  3130aR)	2217 (2218bBr  4284aR)	2218 (2219bBr  0934aR)
2219 (2220bBr  1196aR)	2220 (2221bBr  4138aR)	2221 (2222bBr  1157aR)	2222 (2223bBr  3714aR)	2223 (2224bBr  4140aR)	2224 (2225bBr  4324aR)	2225 (2226bBr  3974aR)
2226 (2227bBr  0436aR)	2227 (2228bBr  3438aR)	2228 (2229bBr  2981aR)	2229 (2230bBr  3206aR)	2230 (2231bBr  3366aR)	2231 (2232bBr  0572aR)	2232 (2233bBr  4284aR)
2233 (2234bBr  1318aR)	2234 (2235bBr  3412aR)	2235 (2236bBr  3325aR)	2236 (2237bBr  2612aR)	2237 (2238bBr  3438aR)	2238 (2239bBr  0514aR)	2239 (2240bBr  3645aR)
2240 (2241bBr  1125aR)	2241 (2242bBr  0426aR)	2242 (2243bBr  3404aR)	2243 (2244bBr  3080aR)	2244 (2245bBr  1192aR)	2245 (2246bBr  3197aR)	2246 (2247bBr  0567aR)
2247 (2248bBr  0388aR)	2248 (2249bBr  3508aR)	2249 (2250bBr  3462aR)	2250 (2251bBr  1136aR)	2251 (2252bBr  3162aR)	2252 (2253bBr  4104aR)	2253 (2254bBr  3170aR)
2254 (2255bBr  4282aR)	2255 (2256bBr  1066aR)	2256 (2257bBr  4138aR)	2257 (2258bBr  1157aR)	2258 (2259bBr  3740aR)	2259 (2260bBr  1085aR)	2260 (2261bBr  3240aR)
2261 (2262bBr  3197aR)	2262 (2263bBr  0567aR)	2263 (2264bBr  3122aR)	2264 (2265bBr  1160aR)	2265 (2266bBr  3133aR)	2266 (2267bBr  3918aR)	2267 (2268bBr  3706aR)
2268 (2269bBr  2630aR)	2269 (2270bBr  3402aR)	2270 (2271bBr  2469aR)	2271 (2272bBr  1322aR)	2272 (2273bBr  3634aR)	2273 (2274bBr  4151aR)	2274 (2275bBr  3783aR)
2275 (2276bBr  0890aR)	2276 (2277bBr  3494aR)	2277 (2278bBr  2628aR)	2278 (2279bBr  4284aR)	2279 (2280bBr  0934aR)	2280 (2281bBr  1196aR)	2281 (2282bBr  3590aR)
2282 (2283bBr  3162aR)	2283 (2284bBr  4284aR)	2284 (2285bBr  1181aR)	2285 (2286bBr  1136aR)	2286 (2287bBr  0946aR)	2287 (2288bBr  1277aR)	2288 (2289bBr  3129aR)
2289 (2290bBr  1410aR)	2290 (2291bBr  2630aR)	2291 (2292bBr  3138aR)	2292 (2293bBr  2628aR)	2293 (2294bBr  3977aR)	2294 (2295bBr  1436aR)	2295 (2296bBr  3173aR)
2296 (2297bBr  3240aR)	2297 (2298bBr  1149aR)	2298 (2299bBr  0940aR)	2299 (2300bBr  3325aR)	2300 (2301bBr  3748aR)	2301 (2302bBr  2620aR)	2302 (2303bBr  3462aR)
2303 (2304bBr  2628aR)	2304 (2305bBr  3977aR)	2305 (2306bBr  1404aR)	2306 (2307bBr  3206aR)	2307 (2308bBr  2628aR)	2308 (2309bBr  3977aR)	2309 (2310bBr  1434aR)
2310 (2311bBr  3133aR)	2311 (2312bBr  1190aR)	2312 (2313bBr  2628aR)	2313 (2314bBr  3977aR)	2314 (2315bBr  1949aR)	2315 (2316bBr  2474aR)	2316 (2317bBr  4134aR)
2317 (2318bBr  1367aR)	2318 (2319bBr  1612aR)	2319 (2320bBr  0550aR)	2320 (2321bBr  3242aR)	2321 (2322bBr  4020aR)	2322 (2323bBr  3462aR)	2323 (2324bBr  1134aR)
2324 (2325bBr  0948aR)	2325 (2326bBr  3511aR)	2326 (2327bBr  3122aR)	2327 (2328bBr  1146aR)	2328 (2329bBr  4137aR)	2329 (2330bBr  3746aR)	2330 (2331bBr  3142aR)
2331 (2332bBr  3208aR)	2332 (2333bBr  3197aR)	2333 (2334bBr  0567aR)	2334 (2335bBr  0520aR)	2335 (2336bBr  3209aR)	2336 (2337bBr  1446aR)	2337 (2338bBr  0622aR)
2338 (2339bBr  2474aR)	2339 (2340bBr  3366aR)	2340 (2341bBr  0624aR)	2341 (2342bBr  0562aR)	2342 (2343bBr  1309aR)	2343 (2344bBr  3129aR)	2344 (2345bBr  1437aR)
2345 (2346bBr  3133aR)	2346 (2347bBr  3714aR)	2347 (2348bBr  3464aR)	2348 (2349bBr  4282aR)	2349 (2350bBr  2474aR)	2350 (2351bBr  3366aR)	2351 (2352bBr  0622aR)
2352 (2353bBr  0938aR)	2353 (2354bBr  3497aR)	2354 (2355bBr  1540aR)	2355 (2356bBr  3334aR)	2356 (2357bBr  3242aR)	2357 (2358bBr  4138aR)	2358 (2359bBr  1157aR)
2359 (2360bBr  3877aR)	2360 (2361bBr  2485aR)	2361 (2362bBr  3125aR)	2362 (2363bBr  3918aR)	2363 (2364bBr  3716aR)	2364 (2365bBr  0557aR)	2365 (2366bBr  3209aR)
2366 (2367bBr  2253aR)	2367 (2368bBr  1437aR)	2368 (2369bBr  1335aR)	2369 (2370bBr  0941aR)	2370 (2371bBr  3716aR)	2371 (2372bBr  0941aR)	2372 (2373bBr  0625aR)
2373 (2374bBr  1712aR)	2374 (2375bBr  3362aR)	2375 (2376bBr  3962aR)	2376 (2377bBr  1336aR)	2377 (2378bBr  1136aR)	2378 (2379bBr  1314aR)	2379 (2380bBr  1282aR)
2380 (2381bBr  1330aR)	2381 (2382bBr  1362aR)	2382 (2383bBr  4090aR)	2383 (2384bBr  3962aR)	2384 (2385bBr  4154aR)	2385 (2386bBr  4317aR)	2386 (2387bBr  3128aR)
2387 (2388bBr  0629aR)	2388 (2389bBr  4206aR)	2389 (2390bBr  1069aR)	2390 (2391bBr  3415aR)	2391 (2392bBr  1610aR)	2392 (2393bBr  2565aR)	2393 (2394bBr  0582aR)
2394 (2395bBr  3333aR)	2395 (2396bBr  2996aR)	2396 (2397bBr  3402aR)	2397 (2398bBr  2440aR)	2398 (2399bBr  0604aR)	2399 (2400bBr  4284aR)	2400 (2401bBr  1285aR)
2401 (2402bBr  1136aR)	2402 (2403bBr  2610aR)	2403 (2404bBr  1189aR)	2404 (2405bBr  3129aR)	2405 (2406bBr  1410aR)	2406 (2407bBr  2630aR)	2407 (2408bBr  1157aR)
2408 (2409bBr  2612aR)	2409 (2410bBr  1317aR)	2410 (2411bBr  3716aR)	2411 (2412bBr  2474aR)	2412 (2413bBr  3372aR)	2413 (2414bBr  4020aR)	2414 (2415bBr  3622aR)
2415 (2416bBr  2618aR)	2416 (2417bBr  4008aR)	2417 (2418bBr  2660aR)	2418 (2419bBr  4284aR)	2419 (2420bBr  2482aR)	2420 (2421bBr  1149aR)	2421 (2422bBr  2612aR)
2422 (2423bBr  1317aR)	2423 (2424bBr  3716aR)	2424 (2425bBr  3114aR)	2425 (2426bBr  3653aR)	2426 (2427bBr  2612aR)	2427 (2428bBr  1317aR)	2428 (2429bBr  3868aR)
2429 (2430bBr  3974aR)	2430 (2431bBr  1317aR)	2431 (2432bBr  0622aR)	2432 (2433bBr  2426aR)	2433 (2434bBr  3974aR)	2434 (2435bBr  3336aR)	2435 (2436bBr  3333aR)
2436 (2437bBr  2996aR)	2437 (2438bBr  3402aR)	2438 (2439bBr  2652aR)	2439 (2440bBr  4151aR)	2440 (2441bBr  0520aR)	2441 (2442bBr  2665aR)	2442 (2443bBr  1404aR)
2443 (2444bBr  0612aR)	2444 (2445bBr  4105aR)	2445 (2446bBr  1410aR)	2446 (2447bBr  0610aR)	2447 (2448bBr  4008aR)	2448 (2449bBr  3182aR)	2449 (2450bBr  0940aR)
2450 (2451bBr  3357aR)	2451 (2452bBr  3918aR)	2452 (2453bBr  3714aR)	2453 (2454bBr  2602aR)	2454 (2455bBr  4165aR)	2455 (2456bBr  0940aR)	2456 (2457bBr  3325aR)
2457 (2458bBr  3714aR)	2458 (2459bBr  3590aR)	2459 (2460bBr  3410aR)	2460 (2461bBr  2650aR)	2461 (2462bBr  3976aR)	2462 (2463bBr  3191aR)	2463 (2464bBr  0412aR)
2464 (2465bBr  1322aR)	2465 (2466bBr  3462aR)	2466 (2467bBr  2628aR)	2467 (2468bBr  3977aR)	2468 (2469bBr  1444aR)	2469 (2470bBr  1094aR)	2470 (2471bBr  0581aR)
2471 (2472bBr  2661aR)	2472 (2473bBr  0556aR)	2473 (2474bBr  1189aR)	2474 (2475bBr  2487aR)	2475 (2476bBr  0518aR)	2476 (2477bBr  2620aR)	2477 (2478bBr  4316aR)
2478 (2479bBr  1277aR)	2479 (2480bBr  0948aR)	2480 (2481bBr  3441aR)	2481 (2482bBr  3716aR)	2482 (2483bBr  3114aR)	2483 (2484bBr  4165aR)	2484 (2485bBr  0940aR)
2485 (2486bBr  3325aR)	2486 (2487bBr  3842aR)	2487 (2488bBr  3976aR)	2488 (2489bBr  4136aR)	2489 (2490bBr  4282aR)	2490 (2491bBr  0938aR)	2491 (2492bBr  3229aR)
2492 (2493bBr  3918aR)	2493 (2494bBr  3706aR)	2494 (2495bBr  2661aR)	2495 (2496bBr  0439aR)	2496 (2497bBr  0418aR)	2497 (2498bBr  3253aR)	2498 (2499bBr  0570aR)
2499 (2500bBr  3494aR)	2500 (2501bBr  2670aR)	2501 (2502bBr  0938aR)	2502 (2503bBr  1161aR)	2503 (2504bBr  1917aR)	2504 (2505bBr  2484aR)	2505 (2506bBr  4137aR)
2506 (2507bBr  3950aR)	2507 (2508bBr  2565aR)	2508 (2509bBr  0582aR)	2509 (2510bBr  3197aR)	2510 (2511bBr  0556aR)	2511 (2512bBr  1354aR)	2512 (2513bBr  2618aR)
2513 (2514bBr  3639aR)	2514 (2515bBr  2440aR)	2515 (2516bBr  0572aR)	2516 (2517bBr  1317aR)	2517 (2518bBr  4284aR)	2518 (2519bBr  3078aR)	2519 (2520bBr  4157aR)
2520 (2521bBr  1117aR)	2521 (2522bBr  0426aR)	2522 (2523bBr  3229aR)	2523 (2524bBr  3714aR)	2524 (2525bBr  3462aR)	2525 (2526bBr  3402aR)	2526 (2527bBr  2620aR)
2527 (2528bBr  4023aR)	2528 (2529bBr  0388aR)	2529 (2530bBr  3229aR)	2530 (2531bBr  0426aR)	2531 (2532bBr  3410aR)	2532 (2533bBr  2650aR)	2533 (2534bBr  3453aR)
2534 (2535bBr  3129aR)	2535 (2536bBr  2380aR)	2536 (2537bBr  2438aR)	2537 (2538bBr  1196aR)	2538 (2539bBr  3462aR)	2539 (2540bBr  1090aR)	2540 (2541bBr  4314aR)
2541 (2542bBr  1277aR)	2542 (2543bBr  0436aR)	2543 (2544bBr  3197aR)	2544 (2545bBr  3752aR)	2545 (2546bBr  3197aR)	2546 (2547bBr  3918aR)	

2660 (2661bR  4282aR)	2661 (2662bR  0938aR)	2662 (2663bR  3229aR)	2663 (2664bR  3950aR)	2664 (2665bR  0421aR)	2665 (2666bR  2626aR)	2666 (2667bR  3624aR)
2667 (2668bR  0624aR)	2668 (2669bR  0946aR)	2669 (2670bR  1149aR)	2670 (2671bR  3114aR)	2671 (2672bR  1354aR)	2672 (2673bR  0550aR)	2673 (2674bR  3229aR)
2674 (2675bR  1074aR)	2675 (2676bR  1362aR)	2676 (2677bR  2650aR)	2677 (2678bR  4196aR)	2678 (2679bR  4206aR)	2679 (2680bR  3205aR)	2680 (2681bR  0951aR)
2681 (2682bR  3783aR)	2682 (2683bR  1028aR)	2683 (2684bR  3686aR)	2684 (2685bR  3366aR)	2685 (2686bR  0572aR)	2686 (2687bR  4292aR)	2687 (2688bR  1069aR)
2688 (2689bR  0605aR)	2689 (2690bR  3130aR)	2690 (2691bR  3497aR)	2691 (2692bR  2253aR)	2692 (2693bR  1580aR)	2693 (2694bR  2628aR)	2694 (2695bR  3404aR)
2695 (2696bR  3494aR)	2696 (2697bR  3127aR)	2697 (2698bR  1092aR)	2698 (2699bR  3621aR)	2699 (2700bR  3714aR)	2700 (2701bR  3621aR)	2701 (2702bR  1079aR)
2702 (2703bR  2597aR)	2703 (2704bR  2474aR)	2704 (2705bR  1064aR)	2705 (2706bR  3191aR)	2706 (2707bR  0518aR)	2707 (2708bR  3114aR)	2708 (2709bR  1354aR)
2709 (2710bR  2650aR)	2710 (2711bR  1157aR)	2711 (2712bR  3738aR)	2712 (2713bR  1276aR)	2713 (2714bR  3621aR)	2714 (2715bR  2441aR)	2715 (2716bR  1437aR)
2716 (2717bR  2482aR)	2717 (2718bR  1134aR)	2718 (2719bR  0381aR)	2719 (2720bR  2476aR)	2720 (2721bR  3194aR)	2721 (2722bR  3621aR)	2722 (2723bR  2440aR)
2723 (2724bR  0567aR)	2724 (2725bR  0898aR)	2725 (2726bR  1181aR)	2726 (2727bR  3114aR)	2727 (2728bR  1092aR)	2728 (2729bR  3402aR)	2729 (2730bR  2628aR)
2730 (2731bR  3325aR)	2731 (2732bR  3844aR)	2732 (2733bR  3325aR)	2733 (2734bR  2984aR)	2734 (2735bR  3191aR)	2735 (2736bR  1052aR)	2736 (2737bR  3650aR)
2737 (2738bR  3461aR)	2738 (2739bR  1068aR)	2739 (2740bR  3162aR)	2740 (2741bR  1276aR)	2741 (2742bR  4284aR)	2742 (2743bR  1188aR)	2743 (2744bR  3625aR)
2744 (2745bR  1956aR)	2745 (2746bR  3974aR)	2746 (2747bR  1076aR)	2747 (2748bR  3438aR)	2748 (2749bR  0421aR)	2749 (2750bR  3116aR)	2750 (2751bR  3162aR)
2751 (2752bR  1276aR)	2752 (2753bR  4290aR)	2753 (2754bR  2604aR)	2754 (2755bR  1196aR)	2755 (2756bR  3236aR)	2756 (2757bR  3965aR)	2757 (2758bR  2473aR)
2758 (2759bR  1437aR)	2759 (2760bR  1064aR)	2760 (2761bR  3182aR)	2761 (2762bR  0946aR)	2762 (2763bR  0570aR)	2763 (2764bR  1354aR)	2764 (2765bR  0893aR)
2765 (2766bR  2470aR)	2766 (2767bR  3122aR)	2767 (2768bR  0622aR)	2768 (2769bR  0940aR)	2769 (2770bR  3140aR)	2770 (2771bR  4292aR)	2771 (2772bR  0562aR)
2772 (2773bR  0580aR)	2773 (2774bR  3402aR)	2774 (2775bR  1053aR)	2775 (2776bR  1064aR)	2776 (2777bR  0562aR)	2777 (2778bR  0624aR)	2778 (2779bR  1064aR)
2779 (2780bR  0610aR)	2780 (2781bR  1317aR)	2781 (2782bR  4282aR)	2782 (2783bR  0946aR)	2783 (2784bR  1188aR)	2784 (2785bR  4316aR)	2785 (2786bR  3162aR)
2786 (2787bR  4008aR)	2787 (2788bR  3164aR)	2788 (2789bR  4284aR)	2789 (2790bR  1188aR)	2790 (2791bR  3625aR)	2791 (2792bR  1956aR)	2792 (2793bR  3974aR)
2793 (2794bR  0517aR)	2794 (2795bR  3129aR)	2795 (2796bR  4137aR)	2796 (2797bR  1062aR)	2797 (2798bR  3184aR)	2798 (2799bR  3184aR)	2799 (2800bR  0572aR)
2800 (2801bR  0612aR)	2801 (2802bR  4426aR)	2802 (2803bR  2598aR)	2803 (2804bR  3974aR)	2804 (2805bR  3622aR)	2805 (2806bR  3322aR)	2806 (2807bR  3973aR)
2807 (2808bR  3740aR)	2808 (2809bR  1090aR)	2809 (2810bR  3652aR)	2810 (2811bR  3621aR)	2811 (2812bR  2440aR)	2812 (2813bR  0567aR)	2813 (2814bR  2597aR)
2814 (2815bR  2484aR)	2815 (2816bR  3172aR)	2816 (2817bR  4133aR)	2817 (2818bR  3738aR)	2818 (2819bR  2476aR)	2819 (2820bR  1317aR)	2820 (2821bR  0518aR)
2821 (2822bR  3127aR)	2822 (2823bR  0518aR)	2823 (2824bR  3116aR)	2824 (2825bR  3410aR)	2825 (2826bR  3122aR)	2826 (2827bR  1282aR)	2827 (2828bR  3365aR)
2828 (2829bR  4292aR)	2829 (2830bR  1069aR)	2830 (2831bR  0940aR)	2831 (2832bR  3236aR)	2832 (2833bR  3965aR)	2833 (2834bR  2473aR)	2834 (2835bR  1404aR)
2835 (2836bR  3229aR)	2836 (2837bR  1064aR)	2837 (2838bR  0434aR)	2838 (2839bR  1134aR)	2839 (2840bR  0940aR)	2840 (2841bR  3140aR)	2841 (2842bR  4316aR)
2842 (2843bR  3162aR)	2843 (2844bR  3962aR)	2844 (2845bR  4137aR)	2845 (2846bR  3706aR)	2846 (2847bR  3172aR)	2847 (2848bR  3621aR)	2848 (2849bR  2440aR)
2849 (2850bR  0567aR)	2850 (2851bR  0412aR)	2851 (2852bR  1324aR)	2852 (2853bR  1156aR)	2853 (2854bR  3621aR)	2854 (2855bR  2440aR)	2855 (2856bR  0567aR)
2856 (2857bR  0898aR)	2857 (2858bR  3202aR)	2858 (2859bR  3493aR)	2859 (2860bR  1074aR)	2860 (2861bR  1285aR)	2861 (2862bR  2988aR)	2862 (2863bR  0580aR)
2863 (2864bR  3322aR)	2864 (2865bR  3973aR)	2865 (2866bR  3714aR)	2866 (2867bR  3621aR)	2867 (2868bR  0905aR)	2868 (2869bR  1437aR)	2869 (2870bR  0518aR)
2870 (2871bR  3127aR)	2871 (2872bR  0518aR)	2872 (2873bR  3124aR)	2873 (2874bR  3402aR)	2874 (2875bR  2650aR)	2875 (2876bR  1157aR)	2876 (2877bR  3740aR)
2877 (2878bR  3973aR)	2878 (2879bR  2438aR)	2879 (2880bR  3127aR)	2880 (2881bR  0518aR)	2881 (2882bR  3162aR)	2882 (2883bR  3410aR)	2883 (2884bR  3122aR)
2884 (2885bR  1154aR)	2885 (2886bR  3365aR)	2886 (2887bR  0517aR)	2887 (2888bR  3740aR)	2888 (2889bR  0578aR)	2889 (2890bR  3493aR)	2890 (2891bR  1065aR)
2891 (2892bR  1437aR)	2892 (2893bR  1062aR)	2893 (2894bR  2670aR)	2894 (2895bR  0946aR)	2895 (2896bR  0613aR)	2896 (2897bR  3738aR)	2897 (2898bR  3973aR)
2898 (2899bR  2438aR)	2899 (2900bR  3127aR)	2900 (2901bR  2949aR)	2901 (2902bR  2484aR)	2902 (2903bR  2612aR)	2903 (2904bR  3438aR)	2904 (2905bR  1021aR)
2905 (2906bR  0550aR)	2906 (2907bR  2628aR)	2907 (2908bR  3322aR)	2908 (2909bR  3973aR)	2909 (2910bR  3706aR)	2910 (2911bR  3138aR)	2911 (2912bR  3621aR)
2912 (2913bR  2440aR)	2913 (2914bR  0567aR)	2914 (2915bR  2597aR)	2915 (2916bR  2482aR)	2916 (2917bR  2996aR)	2917 (2918bR  3332aR)	2918 (2919bR  1356aR)
2919 (2920bR  0517aR)	2920 (2921bR  0550aR)	2921 (2922bR  2476aR)	2922 (2923bR  3325aR)	2923 (2924bR  2612aR)	2924 (2925bR  1154aR)	2925 (2926bR  3621aR)
2926 (2927bR  2440aR)	2927 (2928bR  0567aR)	2928 (2929bR  0548aR)	2929 (2930bR  3485aR)	2930 (2931bR  2620aR)	2931 (2932bR  3228aR)	2932 (2933bR  3590aR)
2933 (2934bR  3162aR)	2934 (2935bR  4008aR)	2935 (2936bR  2626aR)	2936 (2937bR  1188aR)	2937 (2938bR  3965aR)	2938 (2939bR  2473aR)	2939 (2940bR  1442aR)
2940 (2941bR  3174aR)	2941 (2942bR  2476aR)	2942 (2943bR  1317aR)	2943 (2944bR  1074aR)	2944 (2945bR  1285aR)	2945 (2946bR  2986aR)	2946 (2947bR  2620aR)
2947 (2948bR  3228aR)	2948 (2949bR  3621aR)	2949 (2950bR  2440aR)	2950 (2951bR  0567aR)	2951 (2952bR  0900aR)	2952 (2953bR  3196aR)	2953 (2954bR  3589aR)
2954 (2955bR  3206aR)	2955 (2956bR  3204aR)	2956 (2957bR  3581aR)	2957 (2958bR  0948aR)	2958 (2959bR  3237aR)	2959 (2960bR  2482aR)	2960 (2961bR  3234aR)
2961 (2962bR  3621aR)	2962 (2963bR  2440aR)	2963 (2964bR  0562aR)	2964 (2965bR  2670aR)	2965 (2966bR  0940aR)	2966 (2967bR  3140aR)	2967 (2968bR  1356aR)
2968 (2969bR  2472aR)	2969 (2970bR  0428aR)	2970 (2971bR  3184aR)	2971 (2972bR  2440aR)	2972 (2973bR  0570aR)	2973 (2974bR  2612aR)	2974 (2975bR  3441aR)
2975 (2976bR  3706aR)	2976 (2977bR  3132aR)	2977 (2978bR  3621aR)	2978 (2979bR  2440aR)	2979 (2980bR  0567aR)	2980 (2981bR  2597aR)	2981 (2982bR  2476aR)
2982 (2983bR  4134aR)	2983 (2984bR  3415aR)	2984 (2985bR  1610aR)	2985 (2986bR  0541aR)	2986 (2987bR  1324aR)	2987 (2988bR  4284aR)	2988 (2989bR  0426aR)
2989 (2990bR  3639aR)	2990 (2991bR  3783aR)	2991 (2992bR  0388aR)	2992 (2993bR  1158aR)	2993 (2994bR  3205aR)	2994 (2995bR  3714aR)	2995 (2996bR  0570aR)
2996 (2997bR  3497aR)	2997 (2998bR  1532aR)	2998 (2999bR  2621aR)	2999 (3000bR  1096aR)	3000 (3001bR  4020aR)	3001 (3002bR  3494aR)	3002 (3003bR  2628aR)
3003 (3004bR  4284aR)	3004 (3005bR  1157aR)	3005 (3006bR  2670aR)	3006 (3007bR  0940aR)	3007 (3008bR  1321aR)	3008 (3009bR  1412aR)	3009 (3010bR  2628aR)
3010 (3011bR  3494aR)	3011 (3012bR  2672aR)	3012 (3013bR  1074aR)	3013 (3014bR  1154aR)	3014 (3015bR  1317aR)	3015 (3016bR  4284aR)	3016 (3017bR  1157aR)
3017 (3018bR  3182aR)	3018 (3019bR  2949aR)	3019 (3020bR  0938aR)	3020 (3021bR  3410aR)	3021 (3022bR  2650aR)	3022 (3023bR  4104aR)	3023 (3024bR  3191aR)
3024 (3025bR  1052aR)	3026 (3027bR  3645aR)	3026 (3027bR  0434aR)	3027 (3028bR  3494aR)	3028 (3029bR  2628aR)	3029 (3030bR  4314aR)	3030 (3031bR  3325aR)
3031 (3032bR  0413aR)	3032 (3033bR  3114aR)	3033 (3034bR  0951aR)	3034 (3035bR  0518aR)	3035 (3036bR  1117aR)	3036 (3037bR  3746aR)	3037 (3038bR  1090aR)
3038 (3039bR  3497aR)	3039 (3040bR  1949aR)	3040 (3041bR  2474aR)	3041 (3042bR  3172aR)	3042 (3043bR  4428aR)	3043 (3044bR  2984aR)	3044 (3045bR  3626aR)
3045 (3046bR  1318aR)	3046 (3047bR  1090aR)	3047 (3048bR  3625aR)	3048 (3049bR  1925aR)	3049 (3050bR  2474aR)	3050 (3051bR  0948aR)	3051 (3052bR  3196aR)
3052 (3053bR  1354aR)	3053 (3054aB  1061aR)	3054 (3055bR  1322aR)	3055 (3056bR  3634aR)	3056 (3057bR  4138aR)	3057 (3058bR  3229aR)	3058 (3059bR  1079aR)
3059 (3060bR  0518aR)	3060 (3061bR  1117aR)	3061 (3062bR  3714aR)	3062 (3063bR  3592aR)	3063 (3064bR  3404aR)	3064 (3065bR  1092aR)	3065 (3066bR  3590aR)
3066 (3067bR  1136aR)	3067 (3068bR  1074aR)	3068 (3069bR  1282aR)	3069 (3070bR  4137aR)	3070 (3071bR  3714aR)	3071 (3072bR  3130aR)	3072 (3073bR  4010aR)
3073 (3074bR  3494aR)	3074 (3075bR  2628aR)	3075 (3076bR  4314aR)	3076 (3077bR  3325aR)	3077 (3078bR  0413aR)	3078 (3079bR  3114aR)	3079 (3080bR  0951aR)
3080 (3081bR  0518aR)	3081 (3082bR  1117aR)	3082 (3083bR  3714aR)	3083 (3084bR  3592aR)	3084 (3085bR  3404aR)	3085 (3086bR  1092aR)	3086 (3087bR  3494aR)
3087 (3088bR  2672aR)	3088 (3089bR  1074aR)	3089 (3090bR  1146aR)	3090 (3091bR  1317aR)	3091 (3092bR  4284aR)	3092 (3093bR  1066aR)	3093 (3094bR  1318aR)
3094 (3095bR  3205aR)	3095 (3096bR  0940aR)	3096 (3097bR  3412aR)	3097 (3098bR  1114aR)	3098 (3099bR  3458aR)	3099 (3100bR  4134aR)	3100 (3101bR  0521aR)
3101 (3102bR  1436aR)	3102 (3103bR  3197aR)	3103 (3104bR  2621aR)	3104 (3105bR  0556aR)	3105 (3106bR  1189aR)	3106 (3107bR  3706aR)	3107 (3108bR  3141aR)
3108 (3109bR  0556aR)	3109 (3110bR  1189aR)	3110 (3111bR  3738aR)	3111 (3112bR  2986aR)	3112 (3113bR  3629aR)	3113 (3114bR  3336aR)	3114 (3115bR  3205aR)
3115 (3116bR  0940aR)	3116 (3117bR  3410aR)	3117 (3118bR  1114aR)	3118 (3119bR  3636aR)	3119 (3120bR  3241aR)	3120 (3121bR  2253aR)	3121 (3122bR  1538aR)
3122 (3123bR  3242aR)	3123 (3124bR  4010aR)	3124 (3125bR  1157aR)	3125 (3126bR  0951aR)	3126 (3127bR  0924aR)	3127 (3128bR  4165aR)	3128 (3129bR  3130aR)
3129 (3130bR  3494aR)	3130 (3131bR  2673aR)	3131 (3132bR  1710aR)	3132 (3133bR  0389aR)	3133 (3134bR  0556aR)	3134 (3135bR  3365aR)	3135 (3136bR  3714aR)
3136 (3137bR  4134aR)	3137 (3138bR  1134aR)	3138 (3139bR  0938aR)	3139 (3140bR  0605aR)	3140 (3141bR  3740aR)	3141 (3142bR  3461aR)	3142 (3143bR  0392aR)
3143 (3144bR  3184aR)	3144 (3145bR  0424aR)	3145 (3146bR  0578aR)	3146 (3147bR  1124aR)	3147 (3148bR  4426aR)	3148 (3149bR  2660aR)	3149 (3150bR  4206aR)
3150 (3151bR  0938aR)	3151 (3152bR  0572aR)	3152 (3153bR  4292aR)	3153 (3154bR  2474aR)	3154 (3155bR  1124aR)	3155 (3156bR  3453aR)	3156 (3157bR  3834aR)
3157 (3158bR  3325aR)	3158 (3159bR  0549aR)	3159 (3160bR  3129aR)	3160 (3161bR  1437aR)	3161 (3162bR  3114aR)	3162 (3163bR  4284aR)	

43

44

4508 (4510aR| 4509aR) 4509 (4511bL| 4509bR) 4510 (4511aL| ERROR-) 4511 (4512aL| 4511bL) 4512 (4513aR| 4512bL) 4513 (4515aR| 4514aR) 4514 (4515bR| 4514bR)  
4515 (4517aR| 4516aR) 4516 (4518bL| 4516bR) 4517 (4518aL| ERROR-) 4518 (4519aL| 4518bL) 4519 (4520aR| 4519bL) 4520 (4522aR| 4521aR) 4521 (4522bR| 4521bR)  
4522 (4524aR| 4523aR) 4523 (4525bL| 4523bR) 4524 (4525aL| ERROR-) 4525 (4526aL| 4525bL) 4526 (4527aR| 4526bL) 4527 (4529aR| 4528aR) 4528 (4529bR| 4528bR)  
4529 (4531aR| 4530aR) 4530 (4532bL| 4530bR) 4531 (4532aL| ERROR-) 4532 (4533aL| 4532bL) 4533 (4534aR| 4533bL) 4534 (4536aR| 4535aR) 4535 (4536bR| 4535bR)  
4536 (4538aR| 4537aR) 4537 (4539bL| 4537bR) 4538 (4539aL| ERROR-) 4539 (4540aL| 4539bL) 4540 (4541aR| 4540bL) 4541 (4543aR| 4542aR) 4542 (4543bR| 4542bR)  
4543 (4545aR| 4544aR) 4544 (4546bL| 4544bR) 4545 (4546aL| ERROR-) 4546 (4547aL| 4546bL) 4547 (4548aR| 4547bL) 4548 (4550aR| 4549aR) 4549 (4550bR| 4549bR)  
4550 (4552aR| 4551aR) 4551 (4553bL| 4551bR) 4552 (4553aL| ERROR-) 4553 (4554aL| 4553bL) 4554 (4555aR| 4554bL) 4555 (4557aR| 4556aR) 4556 (4557bR| 4556bR)  
4557 (4558aR| 4559aR) 4558 (4560aR| ERROR-) 4559 (4561bR| 4559bR) 4560 (4561aL| ERROR-) 4561 (4562aL| 4561bR) 4562 (4566aR| 4563aL) 4563 (4564aL| 4563bL)  
4564 (4569aL| 4564bL) 4565 (4561aR| 4565bR) 4566 (4567bL| ERROR-) 4567 (4568aL| ERROR-) 4568 (0378aR| 4568aL) 4569 (4571bL| 4570aL) 4570 (4574bL| 4573aL)  
4571 (4574aL| 4574bL) 4572 (4575aR| 4575bR) 4573 (4577bL| 4576aL) 4574 (4577aL| 4577bL) 4575 (4578aR| 4578bR) 4576 (4580bL| 4579aL) 4577 (4580aL| 4580bL)  
4578 (4581aR| 4581bR) 4579 (4583bL| 4582aL) 4580 (4583aL| 4583bL) 4581 (4584aR| 4584bR) 4582 (4586bL| 4585aL) 4583 (4586aL| 4586bL) 4584 (4587aR| 4587bR)  
4585 (4589bL| 4588aR) 4586 (4589aL| 4589bL) 4587 (4590aR| 4590bR) 4588 (4592bL| 4591aL) 4589 (4592aL| 4592bL) 4590 (4593aR| 4593bR) 4591 (4595bL| 4594aL)  
4592 (4595aL| 4595bL) 4593 (4596aR| 4596bR) 4594 (4598bL| 4597aL) 4595 (4598aL| 4598bL) 4596 (4599aR| 4599bR) 4597 (4601bL| 4600aL) 4598 (4601aL| 4601bL)  
4599 (4602aR| 4602bR) 4600 (4572bR| ERROR-) 4601 (4572aR| 4572bR) 4602 (4603aR| 4603bR) 4603 (4565aR| ERROR-) 4604 (0375aL| ERROR-) 4605 (4606aR| ERROR-)  
4606 (4607aR| 4607bR) 4607 (4608bL| ERROR-) 4608 (4609aL| 4609bR) 4609 (4610aR| 4615bR) 4610 (4611aL| 4613bL) 4611 (4612aL| 4612bL) 4612 (4609aL| 4609bL)  
4613 (4614aL| 4614bL) 4614 (4609aL| 4609bL) 4615 (4616aL| 4618bL) 4616 (4617aL| 4617bL) 4617 (4620aL| 4620bL) 4618 (4619aL| 4619bL) 4619 (4609aL| 4609bL)  
4620 (4621aR| 4624bR) 4621 (4654aR| 4622bL) 4622 (4623bL| 4623bL) 4623 (4620aL| 4620bL) 4624 (4690aR| 4625bL) 4625 (4626aL| 4626aL) 4626 (4609aL| 4609bL)  
4627 (4628aR| 4631bR) 4628 (4627aR| 4629aL) 4629 (4630aR| 4630aR) 4630 (4636aR| 4636bR) 4631 (4632aL| 4634aL) 4632 (4632aR| 4633aR) 4633 (4636aR| 4636bR)  
4634 (4635aR| 4635aR) 4635 (4654aR| 4654bR) 4636 (4637aR| 4640bR) 4637 (4638bL| 4636bR) 4638 (4639aR| 4639aR) 4639 (4627aR| 4627bR) 4640 (4641bL| 4643bL)  
4641 (4642aR| 4642aR) 4642 (4645aR| 4645bR) 4643 (4644aR| 4644aR) 4644 (4654aR| 4654bR) 4645 (4646aR| 4651bR) 4646 (4648bR| 4648bR)  
4648 (4627aR| 4627bR) 4649 (4650bR| 4650bR) 4650 (4636aR| 4636bR) 4651 (4645aR| 4652aL) 4652 (4653bR| 4653bR) 4653 (4654aR| 4654bR) 4654 (4655aR| 4660bR)  
4655 (4656bL| 4658bL) 4656 (4657bR| 4657bR) 4657 (4627aR| 4627bR) 4658 (4659bR| 4659bR) 4659 (4636aR| 4636bR) 4660 (4661bL| 4654bR) 4661 (4662bR| 4662bR)  
4662 (4645aR| 4645bR) 4663 (4664aR| 4669bR) 4664 (4665aL| 4667aL) 4665 (4666bL| 4666bL) 4666 (4672aL| 4672bL) 4667 (4668bR| 4668bR) 4668 (4636aR| 4636bR)  
4669 (4645aR| 4670aL) 4670 (4671bR| 4671bR) 4671 (4654aR| 4654bR) 4672 (4673aR| 4678bR) 4673 (4674aL| 4676bL) 4674 (4675aL| 4675bL) 4675 (4672aL| 4672bL)  
4676 (4677aL| 4677bL) 4677 (4672aL| 4672bL) 4678 (4679aL| 4681bL) 4679 (4680aL| 4680bL) 4680 (4683aL| 4683bL) 4681 (4682aL| 4682bL) 4682 (4672aL| 4672bL)  
4683 (4684aR| 4687bR) 4684 (4685aL| 4686bL) 4685 (4620a-| 4620b-) 4686 (4620a-| 4620b-) 4687 (4690aR| 4688bL) 4688 (4689aL| 4689bL) 4689 (4672aL| 4672bL)  
4690 (ERROR-| 4691bR) 4691 (4692aR| 4692bR) 4692 (4693aR| 4694bR) 4693 (4697aR| 4692bR) 4694 (4695aL| 4692bR) 4695 (4696aR| 4696aR) 4696 (4702aR| 4702bR)  
4697 (4698aR| 4699bR) 4698 (4697aR| 4692bR) 4699 (4700aL| 4692bR) 4700 (4701aL| 4701bL) 4701 (4705aL| 4705bL) 4702 (4703aR| 4704bR) 4703 (4720aR| 4702bR)  
4704 (4702aR| 4702bR) 4705 (4706aR| 4711bR) 4706 (4707aL| 4709bL) 4707 (4708aL| 4708bL) 4708 (4705aL| 4705bL) 4709 (4710aL| 4710bL) 4710 (4705aL| 4705bR)  
4711 (4712aL| 4714bL) 4712 (4713aL| 4713aL) 4713 (4725aL| 4725bL) 4714 (4715aL| 4715bL) 4715 (4705aL| 4705bL) 4716 (4717aR| 4719bR) 4717 (4718aL| ERROR-)  
4718 (4609a-| 4609b-) 4719 (4736aR| ERROR-) 4720 (4721aR| 4722bR) 4721 (4720aR| 4702bR) 4722 (4723aL| 4702bR) 4723 (4724aL| 4724bL) 4724 (4609aL| 4609bL)  
4725 (4726aR| 4731bR) 4726 (4727aL| 4729bL) 4727 (4728aL| 4728bL) 4728 (4730aL| 4705bL) 4729 (4730aL| 4730bL) 4730 (4705aL| 4705bL) 4731 (4732aL| 4734bL)  
4732 (4733aL| 4733aL) 4733 (4716aL| 4716bL) 4734 (4735aL| 4735bL) 4735 (4705aL| 4705bL) 4736 (4737aR| 4738bR) 4737 (4750aR| 4741bR) 4738 (4739aR| 4740bR)  
4739 (4740aL| 4740bL) 4740 (4774aL| 4774bL) 4741 (4742aR| 4743bR) 4742 (4744aR| 4744bR) 4743 (4744aR| 4744bR) 4744 (4745aR| 4746bR) 4745 (4747aR| 4747bR)  
4746 (4747aR| 4747bR) 4747 (4748aR| 4749bR) 4748 (4761aR| 4761bR) 4749 (4761aR| 4761bR) 4750 (4751aR| 4752bR) 4751 (4772aR| 4753bR) 4752 (ERROR-| 4753bR)  
4753 (4754aR| 4755bR) 4754 (4756aR| 4753bR) 4755 (4753aR| 4753bR) 4756 (4757aR| 4759bR) 4757 (4736aR| 4758bL) 4758 (4761a-| 4761b-) 4759 (ERROR-| 4760bL)  
4760 (4764a-| 4764b-) 4761 (4762aR| 4763bR) 4762 (4736aR| 4761bR) 4763 (4761aR| 4761bR) 4764 (4765aR| 4766bR) 4765 (4767aR| 4764bR) 4766 (4764aR| 4764bR)  
4767 (4768aR| 4770bR) 4768 (4750aR| 4769bL) 4769 (4764a-| 4764b-) 4770 (ERROR-| 4771bL) 4771 (4764a-| 4764b-) 4772 (ERROR-| 4773bR) 4773 (ERROR-| 4773aR)  
4774 (4775aR| 4780bR) 4775 (4776aL| 4778bL) 4776 (4777aL| 4777bL) 4777 (4774aL| 4774bL) 4778 (4779aL| 4779bL) 4779 (4774aL| 4774bL) 4780 (4781aL| 4783bL)  
4781 (4782aL| 4782bL) 4782 (4785aL| 4785bL) 4783 (4784aL| 4784bL) 4784 (4774aL| 4774bL) 4785 (4786aR| 4789bR) 4786 (4819aR| 4787bL) 4787 (4788bL| 4788bL)  
4788 (4785aL| 4785bL) 4789 (4847aR| 4790bL) 4790 (4791aL| 4791aL) 4791 (4774aL| 4774bL) 4792 (4793aR| 4796bR) 4793 (4792aR| 4794aL) 4794 (4795aR| 4795aR)  
4795 (4801aR| 4801bR) 4796 (4797aL| 4799aL) 4797 (4798aR| 4798aR) 4798 (4828aR| 4828bR) 4799 (4800aR| 4800aR) 4800 (4819aR| 4819bR) 4801 (4802aR| 4805bR)  
4802 (4803bL| 4801bR) 4803 (4804aR| 4804aR) 4804 (4792aR| 4792bR) 4805 (4806bL| 4808bR) 4806 (4807aR| 4807aR) 4807 (4810aR| 4810bR) 4808 (4809aR| 4809aR)  
4809 (4819aR| 4819bR) 4810 (4811aR| 4816bR) 4811 (4812aL| 4814bL) 4812 (4813bR| 4813bR) 4813 (4792aR| 4792bR) 4814 (4815bR| 4815bR) 4815 (4801aR| 4801bR)  
4816 (4810aR| 4817aL) 4817 (4818bR| 4818bR) 4818 (4819aR| 4819bR) 4819 (4820aR| 4825bR) 4820 (4821bL| 4823bL) 4821 (4822bR| 4822bR) 4822 (4792aR| 4792bR)  
4823 (4824bR| 4824bR) 4824 (4801aR| 4801bR) 4825 (4826bL| 4819bR) 4826 (4827bR| 4827bR) 4827 (4810aR| 4810bR) 4828 (4829bL| ERROR-) 4829 (4830aL| 4830bL)  
4830 (4831aR| 4836bR) 4831 (4832aL| 4834bL) 4832 (4833aL| 4833bL) 4833 (4830aL| 4830bL) 4834 (4835aL| 4835bL) 4835 (4830aL| 4830bL) 4836 (4837aL| 4839bL)  
4837 (4838aL| 4838bL) 4838 (4841aL| 4841bL) 4839 (4840aL| 4840bL) 4840 (4830aL| 4830bL) 4841 (4842aR| 4845bR) 4842 (4843aL| 4844bL) 4843 (4785a-| 4785b-)  
4844 (4785a-| 4785b-) 4845 (4847aR| 4846bL) 4846 (4830a-| 4830b-) 4847 (ERROR-| 4848bR) 4848 (4849aR| 4849bR) 4849 (4850aR| 4851bR) 4850 (4854aR| 4849bR)  
4851 (4852aL| 4849bR) 4852 (4853aR| 4853aR) 4853 (4862aR| 4862bR) 4854 (4855aR| 4858bR) 4855 (4856aL| 4857bL) 4856 (4849a-| 4849b-) 4857 (4849a-| 4849b-)  
4858 (4859aL| 4861bL) 4859 (4860aL| 4860bL) 4860 (4870aL| 4870bL) 4861 (4849a-| 4849b-) 4862 (4863aR| 4864bR) 4863 (4862aR| 4862bR) 4864 (4862aR| 4862bR)  
4865 (4866aR| 4867bR) 4866 (4865aR| 4862bR) 4867 (4868aL| 4862bR) 4868 (4869aL| 4869bL) 4869 (4774aL| 4774bL) 4870 (4871aR| 4876bR) 4871 (4872aL| 4874bL)  
4872 (4873aL| 4873bL) 4873 (4870aL| 4870bL) 4874 (4875aL| 4875bL) 4875 (4876aL| 4870bL) 4876 (4877aL| 4879bL) 4877 (4878aL| 4878bL) 4878 (4910aL| 4910bL)  
4879 (4880aL| 4880bL) 4880 (4870aL| 4870bL) 4881 (4882aR| 4883bR) 4882 (4919aR| 4919bR) 4883 (4919aR| 4919bR) 4884 (4885bR| ERROR-) 4885 (4886aR| 4886bR)  
4886 (4887aR| 4888bR) 4887 (4886aR| 4886bR) 4888 (4889aR| 4886bR) 4889 (4890bR| ERROR-) 4890 (4891aR| 4891bR) 4891 (4892bL| ERROR-) 4892 (4893aL| 4893bL)  
4893 (4894aR| 4896bR) 4894 (4895aL| ERROR-) 4895 (4899a-| 4899b-) 4896 (4897aL| ERROR-) 4897 (4898aL| 4898bL) 4898 (4898aL| 4898bL) 4899 (4900aR| 4905bR)  
4900 (4901aL| 4903bL) 4901 (4902aL| 4902bL) 4902 (4899aL| 4899bL) 4903 (4904aL| 4904bL) 4904 (4899aL| 4899bL) 4905 (4906aL| 4908bL) 4906 (4907aL| 4907bL)  
4907 (4902aL| 4922bL) 4908 (4909aL| 4909bL) 4909 (4899aL| 4899bL) 4910 (4911aR| 4916bR) 4911 (4912aL| 4914bL) 4912 (4913aL| 4913bL) 4913 (4870aL| 4870bL)  
4914 (4915aL| 4915bL) 4915 (4870aL| 4870bL) 4916 (4881aR| 4917bL) 4917 (4918aL| 4918bL) 4918 (4870aL| 4870bL) 4919 (4920aR| 4921bR) 4920 (4884aR| 4884bR)  
4921 (4884aR| 4884bR) 4922 (4923aR| 4927bR) 4923 (4924aL| 4926bL) 4924 (4925aL| 4925bL) 4925 (4922aL| 4922bL) 4926 (4931a-| 4931b-) 4927 (4928aL| 4930bL)  
4928 (4929aR| 4929aR) 4929 (4922aL| 4922bL) 4930 (4931a-| 4931b-) 4931 (4932aR| 4937bR) 4932 (4933aL| 4935bL) 4933 (4934aL| 4934bL) 4934 (4944aL| 4944bL)  
4935 (4936aL| 4936bL) 4936 (4931aL| 4931bL) 4937 (4938aL| 4940bL) 4938 (4939aL| 4939bL) 4939 (4931aL| 4931bL) 4940 (4941aL| 4941bL) 4941 (4931aL| 4931bL)  
4942 (4943bR| ERROR-) 4943 (4953aR| 4953bR) 4944 (4945aR| 4948bR) 4945 (4942aR| 4946bL) 4946 (4947aL| 4947bL) 4947 (4931aL| 4931bL) 4948 (4949aL| 4950bR)  
4949 (4950aL| 4950bL) 4950 (4931aL| 4931bL) 4951 (4952aL| 4952bL) 4952 (4931aL| 4931bL) 4953 (4954aR| 4959bR) 4954 (4955aL| 4957aL) 4955 (4956aL| 4956bL)  
4956 (4966aL| 4966bL) 4957 (4958bL| 4958bL) 4958 (4962aL| 4962bL) 4959 (ERROR-| 4960aL) 4960 (4961bL| 4961bL) 4961 (4964aL| 4964bL) 4962 (ERROR-| 4963aR)  
4963 (4997bR| ERROR-) 4964 (ERROR-| 4965bR) 4965 (4999bR| ERROR-) 4966 (4967aR| 4970bR) 4967 (4975aR| 4968bL) 4968 (4969aL| 4969bL) 4969 (4966aL| 4966bL)  
4970 (4971aL| 4973bL) 4971 (4972aL| 4972bL) 4972 (4966aL| 4966bL) 4973 (4974aL| 4974bL) 4974 (4966aL| 4966bL) 4975 (4976aR| 4979bR) 4976 (ERROR-| 4977aL)  
4977 (4978bR| 4978bR) 4978 (4983aR| 4983bR) 4979 (4980aL| 4981aL) 4980 (5001a-| 5001b-) 4981 (4982bR| 4982bR) 4982 (4990aR| 4990bR) 4983 (4984aR| 4985bR)  
4984 (ERROR-| 4983bR) 4985 (4986bL| 4988bL) 4986 (4987aR| 4987aR) 4987 (5001aL| 5001bL) 4988 (4989aR| 4989aR) 4989 (4990aR| 4990bR) 4990 (4991aR| 4994bR)  
4991 (ERROR-| 4992bL) 4992 (4993bR| 4993bR) 4993 (4983aR| 4983bR) 4994 (4995bL| 4996bR) 4995 (4996bR| 4996bR) 4996 (5001aL| 5001bL) 4997 (ERROR-| 4998bR)  
4998 (5004aR| 5004bR) 4999 (ERROR-| 5000bR) 5000 (5007aR| 5007bR) 5001 (5002aR| 5003bR) 5002 (5001aR| 5001bR) 5003 (5010aR| 5001bR) 5004 (5005aR| 5006bR)  
5005 (5004aR| 5004bR) 5006 (5017aR| 5004bR) 5007 (5008aR| 5009bR) 5008 (5007aR| 5007bR) 5009 (5026aR| 5007bR) 5010 (5011aR| 5015bR) 5011 (5012aL| 5014bL)  
5012 (5013aL| 5013bL) 5013 (5171aL| 5171bL) 5014 (5062a-| 5062b-) 5015 (ERROR-| 5016bL) 5016 (5062a-| 5062b-) 5017 (5018aR| 5022bR) 5018 (5019aL| 5020aL)  
5019 (5062a-| 5062b-) 5020 (5021bL| 5021bL) 5021 (5024aL| 5024bL) 5022 (ERROR-| 5023bL) 5023 (5062a-| 5062b-) 5024 (ERROR-| 5025aR) 5025 (5035bL| ERROR-)  
5026 (5027aR| 5030bR) 5027 (5028aL| 5029bL) 5028 (5062a-| 5062b-) 5029 (5062a-| 5062b-) 5030 (ERROR-| 5031aL) 5031 (5032bL| 5032bL) 5032 (5033aL| 5033bL)  
5033 (ERROR-| 5034bR) 5034 (5035bL| ERROR-) 5035 (5036aR| 5041bR) 5036 (5037aL| 5037bL) 5037 (5038aL| 5038bL) 5038 (5035aL| 5035bL) 5039 (5040aL| 5040bL)  
5040 (5035aL| 5035bL) 5041 (4953aR| 5042bL) 5042 (5043aL| 5043bL) 5043 (5035aL| 5035bL) 5044 (5045aR| ERROR-) 5045 (5049aR| 5046bR) 5046 (5047aR| 5048bR)  
5047 (5083aR| 5083bR) 5048 (5083aR| 5083bR) 5049 (5050aR| 5053bR) 5050 (5051aL| 5054bR) 5051 (5052bL| 5052bL) 5052 (5073aL| 5073bL) 5053 (ERROR-| 5054bR)  
5054 (5055aR| 5056bR) 5055 (5057aR| 5054bR) 5056 (5054aR| 5054bR) 5057 (5058aR| 5060bR) 5058 (5044aR| 5059bL) 5059 (5062a-| 5062b-) 5060 (ERROR-| 5061bL)  
5061 (5065a-| 5065b-) 5062 (5063aR| 5064bR) 5063 (5054aR| 5062bR) 5064 (5062aR| 5062bR) 5065 (5066aR| 5067bR) 5066 (5068aR| 5065bR) 5067 (5065aR| 5065bR)  
5068 (5069aR| 5071bR) 5069 (5069aR| 5070bL) 5070 (5065a-| 5065b-) 5071 (ERROR-| 5072bL) 5072 (5065a-| 5065b-) 5073 (5074aR| 5079bR) 5074 (5075aL| 5077bL)  
5075 (5076aL| 5076bL) 5076 (5073aL| 5073bL) 5077 (5078aL| 5078bL) 5078 (5073aL| 5073bL) 5079 (5080aL| 5081bL) 5080 (5089a-| 5089b-) 5081 (5082aL| 5082bL)  
5082 (5073aL| 5073bL) 5083 (5084aR| 5085bR) 5084 (5086aR| 5086bR) 5085 (5086aR| 5086bR) 5086 (5087aR| 5088bR) 5087 (5062aR| 5062bR) 5088 (5062aR| 5062bR)  
5089 (5090aR| 5093bR) 5090 (5098aR| 5091bL) 5091 (5092aL| 5092bL) 5092 (5089aR| 5089bL) 5093 (5094aL| 5096bL) 5094 (5095aL| 5095bL) 5095 (5089aR| 5089bL)  
5096 (5097aL| 5097bL) 5097 (5098aL| 5098bL) 5098 (5099aR| 5102bR) 5099 (ERROR-| 5100aL) 5100 (5101aR| 5101aR) 5101 (5107aL| 5107bR) 5102 (5103aL| 5105aL)  
5103 (5104aR| 5104aR) 5104 (5121aL| 5121bL) 5105 (5106aR| 5106aR) 5106 (5114aR| 5114bR) 5107 (5108aR|

5124 (5121aL|5121bL) 5125 (5126aL|5126bL) 5126 (5121aL|5121bL) 5127 (5128aL|5129bL) 5128 (5131a-|5131b-) 5129 (5130aL|5130bL) 5130 (5121aL|5121bL)  
5131 (5132aR|5135bR) 5132 (5140aR|5133bL) 5133 (5134aL|5134bL) 5134 (5131aL|5131bL) 5135 (5136aL|5138bL) 5136 (5137aL|5137bL) 5137 (5131aL|5131bL)  
5138 (5139aL|5139bL) 5139 (5131aL|5131bL) 5140 (5141aR|5144bR) 5141 (ERROR-|5142aL) 5142 (5143bR|5143bR) 5143 (5148aR|5148bR) 5144 (5145aL|5146aL)  
5145 (5162a-|5162b-) 5146 (5147bR|5147bR) 5147 (5155aR|5155bR) 5148 (5149aR|5150bR) 5149 (ERROR-|51548bR) 5150 (5151bL|5153bL) 5151 (5152aR|5152aR)  
5152 (5162aL|5162bL) 5153 (5154aR|5154aR) 5154 (5155aR|5155bR) 5155 (5156aR|5159bR) 5156 (ERROR-|5157bL) 5157 (5158bR|5158bR) 5158 (5148aR|5148bR)  
5159 (5160bL|5155bR) 5160 (5161bR|5161bR) 5161 (5162aL|5162bL) 5162 (5163aR|5168bR) 5163 (5164aL|5166bL) 5164 (5165aL|5162bL) 5165 (5162aL|5162bL)  
5166 (5167aL|5167bL) 5167 (5162aL|5162bL) 5168 (4953aR|5169bL) 5169 (5170aL|5170bL) 5170 (5162aL|5162bL) 5171 (5172aR|5175bR) 5172 (5180aR|5173bL)  
5173 (5174aL|5174bL) 5174 (5171aL|5171bL) 5175 (5176aL|5178bL) 5176 (5177aL|5177bL) 5177 (5171aL|5171bL) 5178 (5179aL|5179bL) 5179 (5171aL|5171bL)  
5180 (5181aR|5184bR) 5181 (ERROR-|5182aL) 5182 (5183bR|5183bR) 5183 (5188aR|5188bR) 5184 (5185aL|5186aL) 5185 (5202a-|5202b-) 5186 (5187bR|5187bR)  
5187 (5195aR|5195bR) 5188 (5189aR|5190bR) 5189 (ERROR-|5188bR) 5190 (5191bL|5193bL) 5191 (5192aR|5192aR) 5192 (5202aL|5202bL) 5193 (5194aR|5194aR)  
5194 (5195aR|5195bR) 5195 (5196aR|5199bR) 5196 (ERROR-|5197bL) 5197 (5198bR|5198bR) 5198 (5188aR|5188bR) 5199 (5200bL|5195bR) 5200 (5201bR|5201bR)  
5201 (5202aL|5202bL) 5202 (5203aR|5208bR) 5203 (5204aL|5206bL) 5204 (5205aL|5205bL) 5205 (5202aL|5202bL) 5206 (5207aL|5207bL) 5207 (5202aL|5202bL)  
5208 (5209aL|5211bL) 5209 (5210aL|5210bL) 5210 (5213aL|5213bL) 5211 (5212aL|5212bL) 5212 (5202aL|5202bL) 5213 (5214aR|5219bR) 5214 (5215aL|5217bL)  
5215 (5216aL|5216bL) 5216 (5213aL|5213bL) 5217 (5218aL|5218bL) 5218 (5213aL|5213bL) 5219 (5222aR|5220bL) 5220 (5221aL|5221bL) 5221 (5213aL|5213bL)  
5222 (5223aR|5226bR) 5223 (5231aR|5224bL) 5224 (5225aL|5225bL) 5225 (5222aL|5222bL) 5226 (5227aL|5229bL) 5227 (5228aL|5228bL) 5228 (5222aL|5222bL)  
5229 (5230aL|5230bL) 5230 (5222aL|5222bL) 5231 (5232aR|5235bR) 5232 (ERROR-|5233aL) 5233 (5234aR|5234aR) 5234 (5240aR|5240bR) 5235 (5236aL|5238aL)  
5236 (5237aR|5237aR) 5237 (5254aL|5254bL) 5238 (5239aR|5239aR) 5239 (5247aR|5247bR) 5240 (5241aR|5242bR) 5241 (ERROR-|5240bR) 5242 (5243bL|5245bL)  
5243 (5244aR|5244aR) 5244 (5254aL|5254bL) 5245 (5246aR|5246aR) 5246 (5247aR|5247bR) 5247 (5248aR|5251bR) 5248 (ERROR-|5249bL) 5249 (5250bR|5250bR)  
5250 (5240aR|5240bR) 5251 (5252bL|5247bR) 5252 (5253bR|5253bR) 5253 (5254aL|5254bL) 5254 (5255aR|5260bR) 5255 (5256aL|5258bL) 5256 (5257aL|5257bL)  
5257 (5232aL|5232bL) 5258 (5259aL|5259bL) 5259 (5254aL|5254bL) 5260 (5261aL|5262bL) 5261 (5262aL|5262bL) 5262 (5254aL|5264bL) 5263 (5254aL|5264bL)  
5264 (5254aL|5254bL) 5265 (5266aR|5270bR) 5266 (5267aL|5269bL) 5267 (5268aL|5268bL) 5268 (5265aL|5265bL) 5269 (5272a-|5272b-) 5270 (ERROR-|5271bL)  
5271 (5272a-|5272b-) 5272 (5273aR|5278bR) 5273 (5274aL|5276bR) 5274 (5275bR|5275bR) 5275 (5283aR|5283bR) 5276 (5277aL|5277bL) 5277 (5272aL|5272bL)  
5278 (5279aL|5281bL) 5279 (5280aL|5280bL) 5280 (5272aL|5272bL) 5281 (5282aL|5282bL) 5282 (5272aL|5272bL) 5283 (5284aR|5285bR) 5284 (5283aR|5283bR)  
5285 (5286aL|5283bR) 5286 (5287aR|5287aR) 5287 (5288aR|5288bR) 5288 (5289aR|5290bR) 5289 (5291aR|5288bR) 5290 (5288aR|5288bR) 5291 (5292bL|ERROR-)  
5292 (5293aL|5293bL) 5293 (5294aR|5299bR) 5294 (5295aL|5297bL) 5295 (5296aL|5296bL) 5296 (5293aL|5293bL) 5297 (5293aL|5293bL) 5298 (5293aL|5293bL)  
5299 (5293aL|5300bL) 5300 (5301aL|5301bL) 5301 (5293aL|5293bL) 5302 (5303aR|5308bR) 5303 (5304aL|5306bL) 5304 (5305aL|5305bL) 5305 (5313aL|5313bL)  
5306 (5307aL|5307bL) 5307 (5254aL|5254bL) 5308 (5309aL|5311bL) 5309 (5310aL|5311bL) 5310 (5254aL|5254bL) 5311 (5312aL|5312bL) 5312 (5254aL|5254bL)  
5313 (5314aR|5318bR) 5314 (5315aL|5316bL) 5315 (5265a-|5265b-) 5316 (5317aL|5317bL) 5317 (5254aL|5254bL) 5318 (5319aL|5321bL) 5319 (5320aL|5320bL)  
5320 (5254aL|5254bL) 5321 (5322aL|5322bL) 5322 (5254aL|5254bL) 5323 (5324aR|5329bR) 5324 (5325aL|5327aL) 5325 (5326aL|5326bL) 5326 (5336aL|5336bL)  
5327 (5328bL|5328bL) 5328 (5332aL|5332bL) 5329 (ERROR-|5330aL) 5330 (5331bL|5331bL) 5331 (5334aL|5334bL) 5332 (ERROR-|5333aR) 5333 (5367bR|ERROR-)  
5334 (ERROR-|5335bR) 5335 (5369bR|ERROR-) 5336 (5337aR|5340bR) 5337 (5345aR|5338bL) 5338 (5339aL|5339bL) 5339 (5336aL|5336bL) 5340 (5341aL|5343bL)  
5341 (5342aL|5342bL) 5342 (5336aL|5336bL) 5343 (5344aL|5344bL) 5344 (5346aR|5349bR) 5345 (5346aR|5349bR) 5346 (ERROR-|5347aL) 5347 (5348bR|5348bR)  
5348 (5353aR|5353bR) 5349 (5350aL|5351aL) 5350 (5371a-|5371b-) 5351 (5352bR|5352bR) 5352 (5360aR|5360bR) 5353 (5354aR|5355bR) 5354 (ERROR-|5353bR)  
5355 (5356bL|5358bL) 5356 (5357aR|5357aR) 5357 (5371aL|5371bL) 5358 (5359aR|5359aR) 5359 (5360aR|5360bR) 5360 (5361aR|5364bR) 5361 (ERROR-|5362bL)  
5362 (5363bR|5363bR) 5363 (5353aR|5353bR) 5364 (5365bL|5360bR) 5365 (5366bR|5366bR) 5366 (5371aL|5371bL) 5367 (ERROR-|5368bR) 5368 (5374aR|5374bR)  
5369 (ERROR-|5370bR) 5370 (5377aR|5377bR) 5371 (5372aR|5373bR) 5372 (5371aR|5371bR) 5373 (5380aR|5371bR) 5374 (5375aR|5376bR) 5375 (5374aR|5374bR)  
5376 (5378aR|5374bR) 5377 (5378aR|5379bR) 5378 (5377aR|5377bR) 5379 (5396aR|5377bR) 5380 (5381aR|5385bR) 5381 (5382aL|5384bL) 5382 (5383aL|5383bL)  
5383 (5540aL|5540bL) 5384 (5414a-|5414b-) 5385 (ERROR-|5386bL) 5386 (5414a-|5414b-) 5387 (5388aR|5392bR) 5388 (5389aL|5390aL) 5389 (5414a-|5414b-)  
5390 (5391bL|5391bL) 5391 (5394aL|5394bL) 5392 (ERROR-|5393bL) 5393 (5414a-|5414b-) 5394 (ERROR-|5395aR) 5395 (5405bL|ERROR-) 5396 (5397aR|5400bR)  
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5404 (5405bL|ERROR-) 5405 (5406aR|5411bR) 5406 (5407aL|5409bL) 5407 (5408aL|5408bL) 5408 (5405aL|5405bL) 5409 (5410aL|5410bL) 5410 (5405aL|5405bL)  
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5418 (5419aL|5421bR) 5419 (5420bL|5420bL) 5420 (5442aL|5442bL) 5421 (5422aR|5423bR) 5422 (5452aR|5452bR) 5423 (5452aR|5452bR) 5424 (5425aR|5427bR)  
5425 (5417aR|5426bL) 5426 (5429a-|5429b-) 5427 (ERROR-|5428bR) 5428 (5432a-|5432b-) 5429 (5430aR|5431bR) 5430 (5417aR|5429bR) 5431 (5429aR|5429bR)  
5432 (5433aR|5434bR) 5433 (5435aR|5432bR) 5434 (5432aR|5432bR) 5435 (5436aR|5440bR) 5436 (5437aL|5439bL) 5437 (5438bL|5438bL) 5438 (5442aL|5442bL)  
5439 (5432a-|5432b-) 5440 (ERROR-|5441bL) 5441 (5432a-|5432b-) 5442 (5443aR|5446bL) 5443 (5444aL|5446bL) 5444 (5445aL|5445bL) 5445 (5442aL|5442bL)  
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5453 (5455aR|5455bR) 5454 (5455aR|5455bR) 5455 (5456aR|5457bR) 5456 (5429aR|5429bR) 5457 (5429aR|5429bR) 5458 (5459aR|5462bR) 5459 (5467aR|5460bL)  
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5467 (5468aR|5471bR) 5468 (ERROR-|5469aL) 5469 (5470aR|5470aR) 5470 (5476aR|5476bR) 5471 (5472aL|5474aL) 5472 (5473aR|5473aR) 5473 (5490aL|5490bL)  
5474 (5475aR|5475aR) 5475 (5483aR|5483bR) 5476 (5477aR|5478bR) 5477 (ERROR-|5476bR) 5478 (5479bL|5481bL) 5479 (5480aR|5480aR) 5480 (5490aL|5490bL)  
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5488 (5489bR|5489bR) 5489 (5490aL|5490bL) 5490 (5491aR|5496bR) 5491 (5492aL|5494bL) 5492 (5493aL|5493bL) 5493 (5490aL|5490bL) 5494 (5495aL|5495bL)  
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5544 (5545aL|5547bL) 5545 (5546aL|5546bL) 5546 (5540aL|5540bL) 5547 (5541aR|5541bR) 5548 (5540aL|5540bL) 5549 (5550aR|5553bR) 5550 (ERROR-|5551aL)  
5551 (5552bR|5552bR) 5552 (5557aR|5557bR) 5553 (5554aL|5555aL) 5554 (5571a-|5571b-) 5555 (5556bR|5556bR) 5556 (5564aR|5564bR) 5557 (5558aR|5559bR)  
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5628 (5626aR|5626bR) 5629 (5630bR|ERROR-) 5630 (5631aL|5631bL) 5631 (5632aR|5633bR) 5632 (5631aR|5631bR) 5633 (5631aR|5634bL) 5634 (5635a-|5635b-)  
5635 (5636aR|5637bR) 5636 (5668aR|5635bR) 5637 (5635aR|5635bR) 5638 (5639aR|ERROR-) 5639 (5703bR|ERROR-) 5640 (5641aR|5646bR) 5641 (5642aL|5644bL)  
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5649 (5650aR|ERROR-) 5650 (5651aL|5652aL) 5651 (5654a-|5654b-) 5652 (5653aR|5653aR) 5653 (5703aL|5703bL) 5654 (5655aR|5656bR) 5655 (5654aR|5654bR)  
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5677 (5678bL|5676bR) 5678 (5679aR|5679aR) 5679 (5703aR|5703bR) 5680 (5681bL|5683bR) 5681 (5682aR|5682aR) 5682 (5683aR|5685bR) 5683 (5684aR|5684aR)  
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5726 (5727aL|ERROR-) 5727 (5728aL|5728bL) 5728 (5723aL|5723bL) 5729 (5730aR|5735bR) 5730 (5731aL|5733bL) 5731 (5732aL|5732bL) 5732 (5729aL|5729bL)  
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5740 (5741aR| 5746bR) 5741 (5742aL| 5744bL) 5742 (5743aL| 5743bL) 5743 (5740aL| 5740bL) 5744 (5745aL| 5745bL) 5745 (5740aL| 5740bL) 5746 (5747aL| 5749bL) 5747 (5748aR| 5748aR) 5748 (5751aL| 5751bL) 5749 (5750aL| 5750bL) 5750 (5740aL| 5740bL) 5751 (5752aR| 5753bR) 5752 (5751aR| 5751bR) 5753 (5754aR| 5751bR) 5754 (5755aR| 5760bR) 5755 (5756aL| 5758aL) 5756 (5757aL| 5757bL) 5757 (5759aL| 5759bL) 5758 (5759bL| 5759bL) 5759 (5763aL| 5763bL) 5760 (ERROR-| 5761aL) 5761 (5762bL| 5762bL) 5762 (5765aL| 5765bL) 5763 (ERROR-| 5764aR) 5764 (5769bL| ERROR-) 5765 (ERROR-| 5766bR) 5766 (5780bL| ERROR-) 5767 (5768bR| ERROR-) 5768 (5791aR| 5791bR) 5769 (5770aR| 5775bR) 5770 (5771aL| 5773bL) 5771 (5772aL| 5772bL) 5772 (5769aL| 5769bL) 5773 (5774aL| 5774bL) 5774 (5769aL| 5769bL) 5775 (5776bL| 5778bL) 5776 (5777aR| 5777aR) 5777 (5779aL| 5779bL) 5778 (5779aL| 5779bL) 5779 (5769aL| 5769bL) 5780 (5781aR| 5786bR) 5781 (5782aL| 5784bL) 5782 (5783aL| 5783bL) 5783 (5780aL| 5780bL) 5784 (5785aL| 5785bL) 5785 (5780aL| 5780bL) 5786 (5787bL| 5789bL) 5787 (5788bR| 5788bR) 5788 (5767aR| 5767bR) 5789 (5790aL| 5790bL) 5790 (5780aL| 5780bL) 5791 (5792aR| 5793bR) 5792 (5791aR| 5791bR) 5793 (5754aR| 5791bR) 5794 (5795aR| 5798bR) 5795 (5803aR| 5796bL) 5796 (5797aL| 5797bL) 5797 (5794aL| 5794bL) 5798 (5799aL| 5801bL) 5799 (5800aL| 5800bL) 5800 (5794aL| 5794bL) 5801 (5802aL| 5802bL) 5802 (5794aL| 5794bL) 5803 (5804aR| 5805bR) 5804 (ERROR-| 5810bR) 5805 (5806bL| 5808bL) 5806 (5807aR| 5807aR) 5807 (5824aL| 5824bL) 5808 (5809aR| 5809aR) 5809 (5817aR| 5817bR) 5810 (5811aR| 5812bR) 5811 (ERROR-| 5810bR) 5812 (5813bL| 5815bL) 5813 (5814aR| 5814aR) 5814 (5824aL| 5824bL) 5815 (5816aR| 5816aR) 5816 (5817aR| 5817bR) 5817 (5818aR| 5821bR) 5818 (ERROR-| 5819bL) 5819 (5820bR| 5820bR) 5820 (5810aR| 5810bR) 5821 (5822bL| 5817bR) 5822 (5823bR| 5823bR) 5823 (5824aL| 5824bL) 5824 (5825aR| 5828bR) 5825 (5826aL| 5824bR) 5826 (5827bL| 5827bL) 5827 (5829aL| 5829bL) 5828 (5824aR| 5824bR) 5829 (5830aR| 5835bR) 5830 (5831aL| 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6450bR) 6452 (6453aL| 6450bR) 6453 (6454aR| 6454aR) 6454 (5998aR| 5998bR) 6455 (6456aR| 6457bR) 6456 (6447aR| 6447bR) 6457 (6450aR| 6447bR) 6458 (6459aR| 6462bR) 6459 (6467aR| 6460bL) 6460 (6461aL| 6461bL) 6461 (6458aL| 6458bL) 6462 (6463aL| 6465bL) 6463 (6464aL| 6464bL) 6464 (6458aL| 6458bL) 6465 (6466aL| 6466bL) 6466 (6458aR| 6458bL) 6467 (6468aR| 6471bR) 6468 (ERROR-| 6469aL) 6469 (6470bR| 6470bR) 6470 (6475aR| 6475bR) 6471 (6472aL| 6473aL) 6472 (6489aL| 6489bL) 6473 (6474bR| 6474bR) 6474 (6482aR| 6482bR) 6475 (6476aR| 6477bR) 6476 (6478bR| 6480bL) 6477 (6489aL| 6489bL) 6478 (6481aR| 6481aR) 6479 (6488aR| 6488bL) 6480 (6482aR| 6482bR) 6481 (6489aR| 6489bL) 6482 (6483aR| 6486bR) 6483 (ERROR-| 6484bL) 6484 (6485bR| 6485bR) 6485 (6487bL| 6482bR) 6486 (6487bL| 6482bR) 6487 (6488bR| 6488bR) 6488 (6489aR| 6489bL) 6489 (6490aR| 6491bR) 6490 (6489aR| 6489bR) 6491 (6492aR| 6496bR) 6492 (6493aR| 6496bR) 6493 (6494aL| 6495bL) 6494 (6498aR| 6498bR) 6495 (6509a-| 6509b-) 6496 (ERROR-| 6497bL) 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7182 (7181aR|7181bR) 7183 (7184aR|7181bR) 7184 (7185aR|7186bR) 7185 (7184aR|7184bR) 7186 (7187bL|7184bR) 7187 (7188aR|7188aR) 7188 (7189aR|7189bR)  
7189 (7190aR|7191bR) 7190 (7285aR|7285bR) 7191 (7285aR|7285bR) 7192 (7193aR|7197bR) 7193 (7194a-|7194a-) 7194 (7274a-|7274b-) 7195 (7196bL|7196bL)  
7196 (7200aL|7200bL) 7197 (ERROR-|7198aL) 7198 (7199bL|7199bL) 7199 (7211aL|7211bL) 7200 (7201aR|7206bR) 7201 (7202aL|7204bL) 7202 (7203aL|7203bL)  
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7238 (7239aL|7239bL) 7239 (7231aL|7231bL) 7240 (7241aR|7246bR) 7241 (7242bL|7244bL) 7242 (7243aR|7243aR) 7243 (7261aL|7261bL) 7244 (7245aL|7245bL)  
7245 (7240aL|7240bL) 7246 (ERROR-|7247bL) 7247 (7248aL|7248aL) 7248 (7249aL|7249bL) 7249 (7250aR|7255bR) 7250 (7251bL|7253bL) 7251 (7252bR|7252bR)  
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7336 (7337bR|7337bR) 7337 (7338aR|7338bR) 7338 (7339aR|7344bR) 7339 (7340bL|7342bL) 7340 (7341bR|7341bR) 7341 (7347aR|7347bR) 7342 (7343bR|7343bR)  
7343 (7320aR|7320bR) 7344 (7345bL|7338bR) 7345 (7346bR|7346bR) 7346 (7329aR|7329bR) 7347 (7348aR|7351bR) 7348 (7347aR|7349aL) 7349 (7350aR|7350aR)  
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7357 (7358aL|7360aL) 7358 (7359bR|7359bR) 7359 (7347aR|7347bR) 7360 (7361bR|7361bR) 7361 (7320aR|7320bR) 7362 (7320aR|7363aR) 7363 (7364bR|7364bR)  
7364 (7338aR|7338bR) 7365 (7366bR|ERROR-) 7366 (7367aL|7367bL) 7367 (7368aR|7370bR) 7368 (7369aL|ERROR-) 7369 (7426a-|7426b-) 7370 (7371aL|ERROR-)  
7371 (7372aL|7372bL) 7372 (7373aL|7367bL) 7373 (7374aR|7377bR) 7374 (7375bL|7373bR) 7375 (7375bL|7373bR) 7376 (7376aR|7376aR) 7377 (7378bL|7380bL)  
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7385 (7400aR|7400bR) 7386 (7387bR|7387bR) 7387 (7373aR|7373bR) 7388 (7409aR|7389aR) 7389 (7390bR|7390bR) 7390 (7391aR|7391bR) 7391 (7392aR|7397bR)  
7392 (7393bL|7395bL) 7393 (7394bR|7394bR) 7394 (7400aR|7400bR) 7395 (7396bR|7396bR) 7396 (7373aR|7373bR) 7397 (7398bL|7391bR) 7398 (7399bR|7399bR)  
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7420 (7421aR|7423bR) 7421 (7422aL|ERROR-) 7422 (7437a-|7437b-) 7423 (7424aL|ERROR-) 7424 (7425aL|7425bL) 7425 (7420aL|7420bL) 7426 (7427aR|7423bR)  
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7448 (7449aR|7454bR) 7449 (7450aL|7452aL) 7450 (7451bL|7451bL) 7451 (7521aL|7521bL) 7452 (7453bL|7453bL) 7453 (7457aL|7457bL) 7454 (ERROR-|7455aL)  
7455 (7456bL|7456bL) 7456 (7468aL|7468bL) 7457 (7458aR|7463bR) 7458 (7459aL|7460bL) 7459 (7460aL|7460bL) 7460 (7457aL|7457bL) 7461 (7462aL|7462bL)  
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7504 (7508aR|7508bR) 7505 (7506aR|7507bR) 7506 (7505aR|7505bR) 7507 (7511aR|7505bR) 7508 (7509aR|7510bR) 7509 (7508aR|7508bR) 7510 (7516aR|7508bR)  
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7588 (7589aL| 7591aL) 7589 (7590bR| 7590bR) 7590 (7605aR| 7605bR) 7591 (7592bR| 7592bR) 7592 (7578aR| 7578bR) 7593 (7614aR| 7594aL) 7594 (7595bR| 7595bR)  
7595 (7596aR| 7596bR) 7596 (7597aR| 7602bR) 7597 (7598bL| 7600bL) 7598 (7599bR| 7599bR) 7599 (7605aR| 7605bR) 7600 (7601bR| 7601bR) 7601 (7578aR| 7578bR)  
7602 (7603bL| 7596bR) 7603 (7604bR| 7604bR) 7604 (7587aR| 7587bR) 7605 (7606aR| 7609bR) 7606 (7605aR| 7607aL) 7607 (7608aR| 7608aR) 7608 (7578aR| 7578bR)  
7609 (7610aL| 7612aL) 7610 (7611aR| 7611aR) 7611 (7587aR| 7587bR) 7612 (7613aR| 7613aR) 7613 (7596aR| 7596bR) 7614 (7615aR| 7620bR) 7615 (7616aL| 7618aL)  
7616 (7617bR| 7617bR) 7617 (7605aR| 7605bR) 7618 (7619bR| 7619bR) 7619 (7578aR| 7578bR) 7620 (7623aR| 7621aL) 7621 (7622bR| 7622bR) 7622 (7596aR| 7596bR)  
7623 (7624bR| ERROR-) 7624 (7625aL| 7625bL) 7625 (7626aR| 7626bR) 7626 (7627aL| ERROR-) 7627 (7631a-| 7631b-) 7628 (7629aL| ERROR-) 7629 (7630aL| 7630bL)  
7630 (7625aL| 7625bL) 7631 (7632aR| 7637bR) 7632 (7633aL| 7635bL) 7633 (7634aL| 7634bL) 7634 (7631aL| 7631bL) 7635 (7636aL| 7636bL) 7636 (7631aL| 7631bL)  
7637 (7638aL| 7640bL) 7638 (7639aL| 7639bL) 7639 (7532aL| 7532bL) 7640 (7641aL| 7641bL) 7641 (7631aL| 7631bL) 7642 (7643aR| 7648bR) 7643 (7644aL| 7646bL)  
7644 (7645aL| 7645bL) 7645 (7554aL| 7554bL) 7646 (7647aL| 7647bL) 7647 (7543aL| 7543bL) 7648 (7649aL| 7651bL) 7649 (7650aL| 7650bL) 7650 (7543aL| 7543bL)  
7651 (7652aL| 7652bL) 7652 (7543aL| 7543bL) 7653 (7654aR| 7657bR) 7654 (7565aR| 7655bL) 7655 (7656aL| 7656bL) 7656 (7554aL| 7554bL) 7657 (7658aL| 7660bL)  
7658 (7659aL| 7659bL) 7659 (7554aL| 7554bL) 7660 (7661aL| 7661bL) 7661 (7554aL| 7554bL) 7662 (7663aR| 7666bR) 7663 (7669aR| 7664bL) 7664 (7665bR| 7665bR)  
7665 (7676aL| 7676bL) 7666 (ERROR-| 7667bL) 7667 (7668aR| 7668aR) 7668 (7662aL| 7662bL) 7669 (7670aR| 7673bR) 7670 (ERROR-| 7671aL) 7671 (7672aR| 7672aR)  
7672 (7676aR| 7676bR) 7673 (7674aL| ERROR-) 7674 (7675aR| 7675aR) 7675 (7700aR| 7700bR) 7676 (7677aR| 7678bR) 7677 (7676aR| 7676bR) 7678 (7679aR| 7676bR)  
7679 (7680aR| 7681bR) 7680 (7679aR| 7679bR) 7681 (7682aL| 7679bR) 7682 (7683aR| 7683aR) 7683 (7684aR| 7684bR) 7684 (7685aR| 7688bR) 7685 (7686aL| 7684bR)  
7686 (7687bL| 7687bL) 7687 (7689aL| 7689bL) 7688 (7684aR| 7684bR) 7689 (7690aR| 7695bR) 7690 (7691aL| 7693bL) 7691 (7692aL| 7692bL) 7692 (7689aR| 7689bL)  
7693 (7694aL| 7694bL) 7694 (7689aL| 7689bL) 7695 (7696aL| 7698bL) 7696 (7697aL| 7697bL) 7697 (7662aL| 7662bL) 7698 (7699aL| 7699bL) 7699 (7689aL| 7689bL)  
7700 (7701aR| 7702bR) 7701 (7700aR| 7700bR) 7702 (7703aL| 7700bR) 7703 (7704aR| 7704aR) 7704 (7705aR| 7705bR) 7705 (7706aR| 7710bR) 7706 (7707aL| 7708aR)  
7707 (7795a-| 7795bR) 7708 (7709bR| 7709bR) 7709 (7713aR| 7713bR) 7710 (ERROR-| 7711aL) 7711 (7712bR| 7712bR) 7712 (7714aR| 7715bR) 7713 (7714aR| 7715bR)  
7714 (7713aR| 7713bR) 7715 (7716bL| 7713bR) 7716 (7717aR| 7717aR) 7717 (7776aR| 7776bR) 7718 (7719aR| 7720bR) 7719 (7718aR| 7718bR) 7720 (7721bL| 7718bR)  
7721 (7722bR| 7722bR) 7722 (7829aR| 7829bR) 7723 (7829aR| 7729bR) 7724 (7725aL| 7727bL) 7725 (7726aL| 7726bL) 7726 (7727aR| 7728bL) 7727 (7728aR| 7728bL)  
7728 (7723aL| 7723bL) 7729 (7730aL| 7732bL) 7730 (7731aL| 7731bL) 7731 (7745aL| 7745bL) 7732 (7733aL| 7733bL) 7733 (7723aL| 7723bL) 7734 (7735aR| 7740bR)  
7735 (7736aL| 7738bL) 7736 (7737aL| 7737bL) 7737 (7734aL| 7734bL) 7738 (7739aL| 7739bL) 7739 (7734aL| 7734bL) 7740 (7741aL| 7743bL) 7741 (7742aL| 7742bL)  
7742 (7756aL| 7756bL) 7743 (7744aL| 7744bL) 7744 (7734aL| 7734bL) 7745 (7746aR| 7751bR) 7746 (7747aL| 7749bL) 7747 (7748aL| 7748bL) 7748 (7745aL| 7745bL)  
7749 (7750aL| 7750bL) 7750 (7745aL| 7745bL) 7751 (7752bL| 7754aL) 7752 (7753aR| 7753aR) 7753 (7705aR| 7705bR) 7754 (7755aL| 7755bL) 7755 (7745aL| 7745bL)  
7756 (7757aR| 7762bR) 7757 (7758aL| 7760bL) 7758 (7759aL| 7759bL) 7759 (7756aL| 7756bL) 7760 (7761aL| 7761bL) 7761 (7766aL| 7766bL) 7762 (7763bL| 7765bL)  
7763 (7764bR| 7764bR) 7764 (7705aR| 7705bR) 7765 (7766aL| 7766bL) 7766 (7765aL| 7756bL) 7767 (7768aR| 7771bR) 7768 (7769bL| 7767bR) 7769 (7770aR| 7770aR)  
7770 (7794aR| 7794bR) 7771 (7772bL| 7774bL) 7772 (7773aR| 7773aR) 7773 (7776aR| 7776bR) 7774 (7775aR| 7775aR) 7775 (7785aR| 7785bR) 7776 (7777aR| 7782bR)  
7777 (7778aL| 7780aL) 7778 (7779bR| 7779bR) 7779 (7794aR| 7794bR) 7780 (7781bR| 7781bR) 7781 (7767aR| 7767bR) 7782 (7803aR| 7783aL) 7783 (7784bR| 7784bR)  
7784 (7785aR| 7785bR) 7785 (7786aR| 7791bR) 7786 (7787bL| 7789bL) 7787 (7788bR| 7788bR) 7788 (7794aR| 7794bR) 7789 (7790bR| 7790bR) 7790 (7767aR| 7767bR)  
7791 (7792bL| 7785bR) 7792 (7793bR| 7793bR) 7793 (7776aR| 7776bR) 7794 (7795aR| 7798bR) 7795 (7797aR| 7796aL) 7796 (7797aR| 7797aR) 7797 (7767aR| 7767bR)  
7798 (7799aR| 7801aL) 7799 (7800aR| 7800aR) 7800 (7776aR| 7776bR) 7801 (7802aR| 7802aR) 7802 (7785aR| 7785bR) 7803 (7804aR| 7809bR) 7804 (7805aL| 7807aL)  
7805 (7806bR| 7806bR) 7806 (7794aR| 7794bR) 7807 (7808bR| 7808bR) 7808 (7767aR| 7767bR) 7809 (7812aR| 7811aL) 7810 (7811bR| 7811bR) 7811 (7785aR| 7785bR)  
7812 (7813bR| ERROR-) 7813 (7814aL| 7814bL) 7814 (7815aR| 7817bR) 7815 (7816aL| ERROR-) 7816 (7873a-| 7873b-) 7817 (7818aL| ERROR-) 7818 (7819aL| 7819bR)  
7819 (7814aL| 7814bL) 7820 (7821aR| 7824bR) 7821 (7822bL| 7820bR) 7822 (7823aR| 7823aR) 7823 (7847aR| 7847bR) 7824 (7825bL| 7827bL) 7825 (7826aR| 7826aR)  
7826 (7829aR| 7829bR) 7827 (7828aR| 7828aR) 7828 (7838aR| 7838bR) 7829 (7830aR| 7835bR) 7830 (7831aL| 7833aL) 7831 (7832bR| 7832bR) 7832 (7847aR| 7847bR)  
7833 (7834bR| 7834bR) 7834 (7820aR| 7820bR) 7835 (7856aR| 7836aL) 7836 (7837bR| 7837bR) 7837 (7838aR| 7838bR) 7838 (7839aR| 7844bR) 7839 (7840bL| 7842bL)  
7840 (7841bR| 7841bR) 7841 (7847aR| 7847bR) 7842 (7843bR| 7843bR) 7843 (7820aR| 7820bR) 7844 (7845bL| 7838bR) 7845 (7846bR| 7846bR) 7846 (7829aR| 7829bR)  
7847 (7848aR| 7851bR) 7848 (7847aR| 7849aL) 7849 (7850aR| 7850aR) 7850 (7820aR| 7820bR) 7851 (7852aL| 7854aL) 7852 (7853aR| 7853aR) 7853 (7829aR| 7829bR)  
7854 (7855aR| 7855aR) 7855 (7838aR| 7838bR) 7856 (7857aR| 7862bR) 7857 (7858aL| 7860aL) 7858 (7859bR| 7859bR) 7859 (7847aR| 7847bR) 7860 (7861bR| 7861bR)  
7861 (7820aR| 7820bR) 7862 (7865aR| 7863aL) 7863 (7864bR| 7864bR) 7864 (7838aR| 7838bR) 7865 (7866bR| ERROR-) 7866 (7867aL| 7867bL) 7867 (7868aR| 7870bR)  
7868 (7869aR| ERROR-) 7869 (7884a-| 7884b-) 7870 (7871aL| ERROR-) 7871 (7872aL| 7872bL) 7872 (7867aL| 7867bL) 7873 (7874aR| 7879bR) 7874 (7875aL| 7877bL)  
7875 (7876aL| 7876bL) 7876 (7873aL| 7873bL) 7877 (7878aL| 7878bL) 7878 (7873aL| 7873bL) 7879 (7880aL| 7882bL) 7880 (7881aL| 7881bL) 7881 (7723aL| 7723bL)  
7882 (7883aL| 7883bL) 7883 (7873aL| 7873bL) 7884 (7885aR| 7890bR) 7885 (7886aL| 7888bL) 7886 (7887aL| 7887bL) 7887 (7884aL| 7884bL) 7888 (7889aL| 7889bR)  
7889 (7884aL| 7884bL) 7890 (7891aL| 7893bL) 7891 (7892aL| 7892bL) 7892 (7734aL| 7734bL) 7893 (7894aL| 7894bL) 7894 (7896aR| 7901bR) 7895 (7896aR| 7901bR)  
7896 (7897aL| 7899bL) 7897 (7898aL| 7898bL) 7898 (7895aL| 7895bL) 7899 (7900aL| 7900bL) 7900 (7895aL| 7895bL) 7901 (7904aR| 7902bL) 7902 (7903aL| 7903bL)  
7903 (7895aL| 7895bL) 7904 (7905aR| 7907bR) 7905 (7904aR| 7906bL) 7906 (7909a-| 7909b-) 7907 (ERROR-| 7908bL) 7908 (7909a-| 7909b-) 7909 (7910aR| 7911bR)  
7910 (7912aR| 7909bR) 7911 (7909aR| 7909bR) 7912 (7913bR| ERROR-) 7913 (7914aR| 7914bR) 7914 (7915aR| 7916bR) 7915 (7914aR| 7914bR) 7916 (7917aR| 7914bR)  
7917 (7918aR| 7919bR) 7918 (7917aR| 7917bR) 7919 (7920aL| 7917bR) 7920 (7921aR| 7921aR) 7921 (7922aR| 7922bR) 7922 (7923aR| 7926bR) 7923 (7924aL| 7925bL)  
7924 (7928a-| 7928b-) 7925 (7448a-| 7448b-) 7926 (ERROR-| 7927bL) 7927 (7448a-| 7448b-) 7928 (7929aR| 7934bR) 7929 (7930aL| 7932bL) 7930 (7931aL| 7931bL)  
7931 (7928aL| 7928bL) 7932 (7933aL| 7933bL) 7933 (7928aL| 7928bL) 7934 (7935aL| 7937bL) 7935 (7936aL| 7936bL) 7936 (7939aL| 7939bL) 7937 (7938aL| 7938bL)  
7938 (7928aL| 7928bL) 7939 (7940aR| 7945bR) 7940 (7941aL| 7943bL) 7941 (7942aL| 7942bL) 7942 (7939aL| 7939bL) 7943 (7944aL| 7944bL) 7944 (7939aL| 7939bL)  
7945 (7946aL| 7948bL) 7946 (7947aR| 7947aR) 7947 (7950aL| 7950bL) 7948 (7949aL| 7949bL) 7949 (7939aL| 7939bL) 7950 (7951aR| 7955bR) 7951 (7952aL| 7954bL)  
7952 (7953aL| 7953bL) 7953 (7950aL| 7950bL) 7954 (7957a-| 7957b-) 7955 (ERROR-| 7956bL) 7956 (7957a-| 7957b-) 7957 (7958aR| 7956bR) 7958 (7959aL| 7961bL)  
7959 (7960bR| 7960bR) 7960 (7968aL| 7968bL) 7961 (7962aL| 7962bL) 7962 (7957aL| 7957bL) 7963 (7964aL| 7966bL) 7964 (7965aL| 7965bL) 7965 (7957aL| 7957bL)  
7966 (7967aL| 7967bL) 7967 (7957aL| 7957bL) 7968 (7969aR| 7974bR) 7969 (7970aL| 7972aL) 7970 (7971aL| 7971bL) 7971 (8009aL| 8009bL) 7972 (7973bL| 7973bL)  
7973 (7977aL| 7977bL) 7974 (7985aR| 7975aL) 7975 (7976bL| 7976bL) 7976 (7979aL| 7979bL) 7977 (ERROR-| 7978aR) 7978 (7981bR| ERROR-) 7979 (ERROR-| 7980bR)  
7980 (7983bR| ERROR-) 7981 (ERROR-| 7982bR) 7982 (7990aR| 7990bR) 7983 (ERROR-| 7984bR) 7984 (7995aR| 7995bR) 7985 (7986aR| 7987bR) 7986 (7985aR| 7985bR)  
7987 (7988aR| 7985bR) 7988 (7989aR| 7989aR) 7989 (8033aR| 8003bR) 7990 (7991aR| 7992bR) 7991 (7990aR| 7990bR) 7992 (7993bL| 7993bL) 7993 (7994aR| 7994aR)  
7994 (8033aR| 8033bR) 7995 (7996aR| 7997bR) 7996 (7995aR| 7995bR) 7997 (7998bL| 7995bR) 7998 (7999bR| 7999bR) 7999 (8033aR| 8033bR) 8000 (8001aR| 8006bR)  
8001 (8002aL| 8004bL) 8002 (8003aL| 8003bL) 8003 (8000aL| 8000bL) 8004 (8005aL| 8005bL) 8005 (8000aL| 8000bL) 8006 (7968aR| 8007bL) 8007 (8008aL| 8008bR)  
8008 (8000aL| 8000bL) 8009 (ERROR-| 8010bR) 8010 (8011bL| ERROR-) 8011 (8012aL| 8012bL) 8012 (8013aL| 8013bL) 8013 (8014aR| 8018bR) 8014 (8015aL| 8016aL)  
8015 (8021a-| 8021b-) 8016 (8017aL| 8017aL) 8017 (8013aL| 8013bL) 8018 (ERROR-| 8019aL) 8019 (8020aL| 8020aL) 8020 (8013aL| 8013bL) 8021 (8022aR| 8023bR)  
8022 (8021aR| 8021bR) 8023 (8021aR| 8274bR) 8024 (8025aR| 8028bR) 8025 (8026bL| 8024bR) 8026 (8027aR| 8027aR) 8027 (8015aR| 8051bR) 8028 (8029bL| 8031bL)  
8029 (8030aR| 8030aR) 8030 (8033aR| 8033bR) 8031 (8032aR| 8032aR) 8032 (8042aR| 8042bR) 8033 (8034aR| 8039bR) 8034 (8035aL| 8037aL) 8035 (8036bR| 8036bR)  
8036 (8035aL| 8051bR) 8037 (8038bR| 8038bR) 8038 (8024aR| 8024bR) 8039 (8060aR| 8040aL) 8040 (8041bR| 8041bR) 8041 (8042aR| 8042bR) 8042 (8043aR| 8048bR)  
8043 (8044bL| 8046bL) 8044 (8045bR| 8045bR) 8045 (8051aR| 8051bR) 8046 (8047bR| 8047bR) 8047 (8024aR| 8024bR) 8048 (8049bL| 8042bR) 8049 (8050bR| 8050bR)  
8050 (8033aR| 8033bR) 8051 (8052aR| 8055bR) 8052 (8051aR| 8053aL) 8053 (8054aR| 8054aR) 8054 (8024aR| 8024bR) 8055 (8056aL| 8058aL) 8056 (8057aR| 8057aR)  
8057 (8033aR| 8033bR) 8058 (8059aR| 8059aR) 8059 (8042aR| 8042bR) 8060 (8061aR| 8066bR) 8061 (8062aL| 8064aL) 8062 (8063bR| 8063bR) 8063 (8051aR| 8051bR)  
8064 (8065bR| 8065bR) 8065 (8024aR| 8024bR) 8066 (8069aR| 8067aL) 8067 (8068bR| 8068bR) 8068 (8042aR| 8042bR) 8069 (8070bR| ERROR-) 8070 (8071aL| 8071bL)  
8071 (8072aR| 8074bR) 8072 (8073aL| ERROR-) 8073 (8077a-| 8077b-) 8074 (8075aL| ERROR-) 8075 (8076aL| 8076bL) 8076 (8077aL| 8071bL) 8077 (8078aR| 8083bR)  
8078 (8079aL| 8081bL) 8079 (8080aL| 8080bL) 8080 (8077aL| 8077bL) 8081 (8082aL| 8082bL) 8082 (8077aL| 8077bL) 8083 (8084aL| 8086bL) 8084 (8085aL| 8085bL)  
8085 (8000aL| 8000bL) 8086 (8087aL| 8087bL) 8087 (8077aL| 8077bL) 8088 (8089aR| 8094bR) 8089 (8090aL| 8092bL) 8090 (8091aL| 8091bL) 8091 (8088aL| 8088bL)  
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8099 (8100aR| 8104bR) 8100 (8101aL| 8103bL) 8101 (8102aL| 8102bL) 8102 (8099aL| 8099bL) 8103 (8106a-| 8106b-) 8104 (ERROR-| 8105bL) 8105 (8106a-| 8106b-)  
8106 (8107aR| 8112bR) 8107 (8108aL| 8110bL) 8108 (8109bL| 8109bL) 8109 (8117aL| 8117bL) 8110 (8111aL| 8111bL) 8111 (8106aL| 8106bL) 8112 (8113aL| 8115bL)  
8113 (8114aL| 8114bL) 8114 (8106aL| 8106bL) 8115 (8116aL| 8116bL) 8116 (8106aL| 8106bL) 8117 (8118aR| 8123bR) 8117 (8118aR| 8123bR) 8118 (8119aL| 8121bL)  
8120 (8117aL| 8117bL) 8121 (8122aL| 8122bL) 8122 (8117aL| 8117bL) 8123 (8124aL| 8126bL) 8124 (8125aL| 8125aL) 8125 (8126aL| 8128bL) 8126 (8127aL| 8120bL)  
8127 (8117aL| 8117bL) 8128 (8129bL| ERROR-) 8129 (8130aL| 8130bL) 8130 (8131aR| 8135bR) 8131 (8132aL| 8133aL) 8132 (8138a-| 8138b-) 8133 (8134aL| 8134aL)  
8134 (8130aL| 8130bL) 8135 (ERROR-| 8136aL) 8136 (8137aL| 8137aL) 8137 (8130aL| 8130bL) 8138 (8139aR| 8140bR) 8139 (8138aR| 8138bR) 8140 (8141aR| 8138bR)  
8141 (8142aR| 8143bR) 8142 (8141aR| 8141bR) 8143 (8144aL| 8141bR) 8144 (8145aR| 8145aR) 8145 (8146aR| 8146bR) 8146 (8147aR| 8151bR) 8147 (8148aL| 8149aL)  
8148 (8228a-| 8228b-) 8149 (8150bL| 8150bL) 8150 (8154aL| 8154bL) 8151 (ERROR-| 8152aL) 8152 (8153bL| 8153bL) 8153 (8165aL| 8165bL) 8154 (8155aR| 8160bR)  
8155 (8156aL| 8158bL) 8156 (8157aL| 8157bL) 8157 (8154aL| 8154bL) 8158 (8159aL| 8159bL) 8159 (8154aL| 8154bL) 8160 (8161aL| 8163bL) 8161 (8162aL| 8162bL)  
8162 (8176aL| 8176bL) 8163 (8164aL| 8164bL) 8164 (8154aL| 8154bL) 8165 (8166aR| 8171bR) 8166 (8167aL| 8169bL) 8167 (8168aL| 8168bL) 8168 (8165aL| 8165bL)  
8169 (8170aL| 8170bL) 8170 (8165aL| 8165bL) 8171 (8172aL| 8174bL) 8172 (8173aL| 8173bL) 8173 (8203aL| 8203bL) 8174 (8175aL| 8175bL) 8175 (8165aL| 8165bL)  
8176 (8177aR| 8182bR) 8177 (8178aL| 8180bL) 8178 (8179aR| 8179aR) 8179 (8212aL| 8212bL) 8180 (8181aL| 8181bL) 8181 (8176aL| 8176bL) 818

8204 (8205bL|8207bL) 8205 (8206bR|8206bR) 8206 (8215aL|8215bL) 8207 (8208bL|8208bL) 8208 (8194aL|8194bL) 8209 (ERROR-|8210bL) 8210 (8211aL|8211bL)  
8211 (8203aL|8203bL) 8212 (8213aR|8214bR) 8213 (8212aR|8212bR) 8214 (8218aR|8212bR) 8215 (8216aR|8217bR) 8216 (8215aR|8215bR) 8217 (8223aR|8215bR)  
8218 (8219aR|8220bR) 8219 (8218aR|8218bR) 8220 (8221bL|8218bR) 8221 (8222aR|8222aR) 8222 (8146aR|8146bR) 8223 (8224aR|8225bR) 8224 (8223aR|8223bR)  
8225 (8226bL|8223bR) 8226 (8227bR|8227bR) 8227 (8146aR|8146bR) 8228 (8229aR|8234bR) 8229 (8230aL|8232aL) 8230 (8231aL|8231bL) 8231 (8237aL|8237bL)  
8232 (8233aL|8233aL) 8233 (8228aL|8228bL) 8234 (ERROR-|8235aL) 8235 (8236aL|8236aL) 8236 (8228aL|8228bL) 8237 (8238aR|8243bR) 8238 (8239aL|8241aL)  
8239 (8240aL|8240bL) 8240 (8246aL|8246bL) 8241 (8242aL|8242aL) 8242 (8228aL|8228bL) 8243 (ERROR-|8244aL) 8244 (8245aL|8245aL) 8245 (8228aL|8228bL)  
8246 (8247aR|8248bR) 8247 (HALT--|8251bR) 8248 (ERROR-|8249bL) 8249 (8250aR|8250aR) 8250 (8251aR|8251bR) 8251 (8252aR|8257bR) 8252 (8253aL|8255bL)  
8253 (8254aL|8254bL) 8254 (8251aL|8251bL) 8255 (8256aL|8256bL) 8256 (8251aL|8251bL) 8257 (8258aL|8260bL) 8258 (8259aL|8259aL) 8259 (8262aL|8262bL)  
8260 (8261aL|8261bL) 8261 (8251aL|8251bL) 8262 (8263aR|8268bR) 8263 (8264bL|8266bL) 8264 (8265bR|8265bR) 8265 (8271aL|8271bL) 8266 (8267bL|8267bL)  
8267 (8262aL|8262bL) 8268 (ERROR-|8269bL) 8269 (8270aR|8270aR) 8270 (8271aL|8271bL) 8271 (8272aR|8273bR) 8272 (8274aR|8271bR) 8273 (8271aR|8271bR)  
8274 (8275aR|8276bR) 8275 (8274aR|ERROR-) 8276 (ERROR-|8277bL) 8277 (8278a-|8278b-) 8278 (8279aR|8280bR) 8279 (8281aR|8278bR) 8280 (8278aR|8278bR)  
8281 (8282aR|8283bR) 8282 (8284aR|8278bR) 8283 (8278aR|8278bR) 8284 (8285aR|8287bR) 8285 (8286aL|8278bR) 8286 (8288a-|8288b-) 8287 (8278aR|8278bR)  
8288 (8289aR|8290bR) 8289 (8288aR|ERROR-) 8290 (ERROR-|8291bL) 8291 (8292aL|8292bL) 8292 (8293aL|8293bL) 8293 (8294bL|ERROR-) 8294 (4922aL|4922bL)

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