

W02_03_Comprehensions_Generators

September 12, 2022

1 Comprehensions and Generators

Python aims to allow quite *lego-like* programming - small objects, flexibly combinable. Comprehensions and generators are two nice tools for this.

1.1 Comprehensions

A *comprehension* is a very handy syntax for transforming and slicing-and-dicing lists, sets and dicts to make new ones.

1.2 List comprehensions

The list comprehension syntax is like an inverted for-loop inside square brackets:

```
[1]: # make a list which we will use in following examples.  
L = [0, 1, 2, 3, 4]
```

```
[2]: M = [x**2 for x in L]  
M
```

```
[2]: [0, 1, 4, 9, 16]
```

Here, the `x**2` is an expression which will be evaluated for each value of `x`, and the results will be collected to make the new list.

```
[3]: # now M is a list  
type(M)
```

```
[3]: list
```

```
[4]: print(M)
```

```
[0, 1, 4, 9, 16]
```

The above code is exactly equivalent to:

```
[5]: M = []  
for x in L:  
    M.append(x**2)
```

However, the list comprehension is shorter, faster, and (subjectively) more readable.

The list comprehension syntax is intended to parallel the “set builder” notation which is familiar in mathematics, eg $s = \{x^2 \mid x = 0, \dots, 4\}$

1.3 Filtering

We can filter out items using if-statements inside the comprehension:

```
[6]: M = [x**2 for x in L if x % 2 == 0]
      print(M) # we get only squares of even numbers
```

[0, 4, 16]

The above code is exactly equivalent to:

```
[7]: M = []
      for x in L:
          if x % 2 == 0:
              M.append(x**2)
```

You can have double for-loops, or even more – but it becomes less readable than the equivalent for-loop, and should be used sparingly.

```
[8]: N = [[1, 2, 3], [4, 5, 6]] # nested lists
      P = [x**2 for M in N for x in M]
```

Note that using `for x in M for M in N` instead (ie putting the `for` parts the other way around) will crash. To see why, try writing out the equivalent double for-loop. Which has to go first, the `for M in N` or the `for x in M`?

1.4 Set and dict comprehensions

There are also *set comprehensions* and *dict comprehensions* that do what you expect. The set syntax is `{}` instead of `[]`:

```
[9]: s = {x**2 for x in L}
      type(s)
      print(s)
```

{0, 1, 4, 9, 16}

The dict syntax is again `{}`, but with `key: value` pairs inside it instead of single items:

```
[10]: d = {x: x**2 for x in L}
       print(d)
```

{0: 0, 1: 1, 2: 4, 3: 9, 4: 16}

Reminder: you can loop over the keys of a dict with `for`:

```
[11]: for k in d:
      print(d[k])
```

```
0
1
4
9
16
```

1.5 Exercises

Given a dictionary `d` as follows:

```
[12]: d = {'a': 17, 'b': 20, 'c': 25}
```

1. Create the inverted dictionary `{17: 'a', 20: 'b', 25: 'c'}`.
2. Create a set of the keys `{'a', 'b', 'c'}`.
3. Create a list of the values `[17, 20, 25]`.
4. Create a list of the keys whose values are odd `['a', 'c']`.

1.6 Solution

```
[13]: {d[k]: k for k in d}
```

```
[13]: {17: 'a', 20: 'b', 25: 'c'}
```

```
[14]: {k for k in d}
```

```
[14]: {'a', 'b', 'c'}
```

```
[15]: [d[k] for k in d]
```

```
[15]: [17, 20, 25]
```

```
[16]: [k for k in d if d[k] % 2 == 1]
```

```
[16]: ['a', 'c']
```

1.7 Generators

A generator is like a function – but instead of returning a single value, it *yields* one value at a time.

- `yield`
- use inside for-loops
- save memory
- “lazy” versus “eager”

See also <http://stackoverflow.com/questions/231767/what-does-the-yield-keyword-do-in-python>

After the caller has “used” the yielded value – usually, inside a `for` loop or comprehension or similar – control comes back into the generator, and it can then proceed to yield another value, and so on.

Generators are very useful in situations where we would normally have to create a huge (potentially infinite) list as our return value, which would use up all our RAM. A generator allows us to create and yield just one item from the huge list at a time, so the huge list is never actually formed.

A generator is called “lazy”, because it doesn’t do all its work immediately when you call it. It does just enough for now, then stops, and can resume later. A normal function is “eager”, the opposite of lazy.

```
[17]: import random
# given a word, rearrange all but the first and last letter, eg
# definitely -> dileefnity.
def g(word):
    yield word[0]
    if len(word) > 1:
        rest = list(word[1:-1])
        random.shuffle(rest)
        for r in rest:
            yield r
    yield word[-1]
```

Calling a generator doesn’t actually give us a yielded value: it just gives the generator itself, a piece of code ready to run. It is *iterable*, and now we have to iterate over it in some way.

```
[18]: g("definitely")
```

```
[18]: <generator object g at 0x10cdb1408>
```

```
[19]: for x in g("definitely"): print(x, end="")
```

dfenliiety

There’s no law that says the consumer has to *use* all the items yielded by the generator:

```
[20]: i = 0
for x in g("arguably"):
    print(x, end="")
    if i > 3:
        break # later items will never be created
    i += 1
```

aalbu

This fact allows generators to be infinite, e.g. using

```
while True:
    yield something
```

In the `itertools` module there are several examples where this is useful.

1.8 Generator comprehensions

Apart from using `yield`, another way to create a generator is as a “generator comprehension”. It’s just like a list comprehension we saw before, but lazy. This time, the syntax is `()`:

```
[21]: gc = (x**2 for x in L)
```

Generator comprehensions are *used* by something that consumes a sequence – like a `for` loop, or another comprehension:

```
[22]: for item in gc:
        print(item)
```

```
0
1
4
9
16
```

Notice that after we run through the generator, it is “used up”, and now empty:

```
[23]: for item in gc:
        print(item)
```

We have to make the generator again if we need it:

```
[24]: gc = (x**2 for x in L)
M = [item+3 for item in gc]
print(M)
```

```
[3, 4, 7, 12, 19]
```

So a nice tactic is to write a function to create the generator, if we’re going to need it more than once:

```
[25]: def make_gc(L):
        # this returns a generator. make_gc itself is NOT a generator
        return (x**2 for x in L)
M = [item + 3 for item in make_gc(L)]
M
```

```
[25]: [3, 4, 7, 12, 19]
```

Example (adapted from Prof Michael Madden): Use a generator comprehension to generate Pythagorean triples (i.e. integers (x, y, z) such that $x^2 + y^2 = z^2$), and $x, y, z \in [1, 30]$

```
[26]: triples = ((x,y,z)
                for x in range(1,30)
                for y in range(x,30)
                for z in range(y,30)
                if x**2 + y**2 == z**2)
# notice we *canonicalise* on the ordering  $x \leq y \leq z$  to avoid duplicates
print('Pythagorean triples:')
for x, y, z in triples:
    print(x, y, z)
```

Pythagorean triples:

```
3 4 5
5 12 13
6 8 10
7 24 25
8 15 17
9 12 15
10 24 26
12 16 20
15 20 25
20 21 29
```

Exercises

- Write a generator comprehension to generate all cuboids with integer sides each < 250 .
- Put that inside a function as described above since we'll be using it several times.
- Use `sum` to count the number of elements in the generator.
- Use a for-loop over the generator to find the cuboids whose sides sum to 250.
- Of those, find the cuboid of *maximum volume*.

```
[25]: top = 250
def cuboids():
    return ( # leave a bracket open: multi-line expression...
            (x, y, z)
            for x in range(top)
            for y in range(top)
            for z in range(top)
            ) # ... close the bracket
sum(1 for r in cuboids())
```

[25]: 15625000

```
[28]: for c in cuboids():
        if c[0] + c[1] + c[2] == top:
            print(c)
```

(0, 1, 249)
(0, 2, 248)
(0, 3, 247)
(0, 4, 246)
(0, 5, 245)
(0, 6, 244)
(0, 7, 243)
(0, 8, 242)
(0, 9, 241)
(0, 10, 240)
(0, 11, 239)
(0, 12, 238)
(0, 13, 237)
(0, 14, 236)
(0, 15, 235)
(0, 16, 234)
(0, 17, 233)
(0, 18, 232)
(0, 19, 231)
(0, 20, 230)
(0, 21, 229)
(0, 22, 228)
(0, 23, 227)
(0, 24, 226)
(0, 25, 225)
(0, 26, 224)
(0, 27, 223)
(0, 28, 222)
(0, 29, 221)
(0, 30, 220)
(0, 31, 219)
(0, 32, 218)
(0, 33, 217)
(0, 34, 216)
(0, 35, 215)
(0, 36, 214)
(0, 37, 213)
(0, 38, 212)
(0, 39, 211)
(0, 40, 210)
(0, 41, 209)
(0, 42, 208)
(0, 43, 207)
(0, 44, 206)
(0, 45, 205)
(0, 46, 204)
(0, 47, 203)
(0, 48, 202)

(0, 49, 201)
(0, 50, 200)
(0, 51, 199)
(0, 52, 198)
(0, 53, 197)
(0, 54, 196)
(0, 55, 195)
(0, 56, 194)
(0, 57, 193)
(0, 58, 192)
(0, 59, 191)
(0, 60, 190)
(0, 61, 189)
(0, 62, 188)
(0, 63, 187)
(0, 64, 186)
(0, 65, 185)
(0, 66, 184)
(0, 67, 183)
(0, 68, 182)
(0, 69, 181)
(0, 70, 180)
(0, 71, 179)
(0, 72, 178)
(0, 73, 177)
(0, 74, 176)
(0, 75, 175)
(0, 76, 174)
(0, 77, 173)
(0, 78, 172)
(0, 79, 171)
(0, 80, 170)
(0, 81, 169)
(0, 82, 168)
(0, 83, 167)
(0, 84, 166)
(0, 85, 165)
(0, 86, 164)
(0, 87, 163)
(0, 88, 162)
(0, 89, 161)
(0, 90, 160)
(0, 91, 159)
(0, 92, 158)
(0, 93, 157)
(0, 94, 156)
(0, 95, 155)
(0, 96, 154)

(0, 97, 153)
(0, 98, 152)
(0, 99, 151)
(0, 100, 150)
(0, 101, 149)
(0, 102, 148)
(0, 103, 147)
(0, 104, 146)
(0, 105, 145)
(0, 106, 144)
(0, 107, 143)
(0, 108, 142)
(0, 109, 141)
(0, 110, 140)
(0, 111, 139)
(0, 112, 138)
(0, 113, 137)
(0, 114, 136)
(0, 115, 135)
(0, 116, 134)
(0, 117, 133)
(0, 118, 132)
(0, 119, 131)
(0, 120, 130)
(0, 121, 129)
(0, 122, 128)
(0, 123, 127)
(0, 124, 126)
(0, 125, 125)
(0, 126, 124)
(0, 127, 123)
(0, 128, 122)
(0, 129, 121)
(0, 130, 120)
(0, 131, 119)
(0, 132, 118)
(0, 133, 117)
(0, 134, 116)
(0, 135, 115)
(0, 136, 114)
(0, 137, 113)
(0, 138, 112)
(0, 139, 111)
(0, 140, 110)
(0, 141, 109)
(0, 142, 108)
(0, 143, 107)
(0, 144, 106)

(0, 145, 105)
(0, 146, 104)
(0, 147, 103)
(0, 148, 102)
(0, 149, 101)
(0, 150, 100)
(0, 151, 99)
(0, 152, 98)
(0, 153, 97)
(0, 154, 96)
(0, 155, 95)
(0, 156, 94)
(0, 157, 93)
(0, 158, 92)
(0, 159, 91)
(0, 160, 90)
(0, 161, 89)
(0, 162, 88)
(0, 163, 87)
(0, 164, 86)
(0, 165, 85)
(0, 166, 84)
(0, 167, 83)
(0, 168, 82)
(0, 169, 81)
(0, 170, 80)
(0, 171, 79)
(0, 172, 78)
(0, 173, 77)
(0, 174, 76)
(0, 175, 75)
(0, 176, 74)
(0, 177, 73)
(0, 178, 72)
(0, 179, 71)
(0, 180, 70)
(0, 181, 69)
(0, 182, 68)
(0, 183, 67)
(0, 184, 66)
(0, 185, 65)
(0, 186, 64)
(0, 187, 63)
(0, 188, 62)
(0, 189, 61)
(0, 190, 60)
(0, 191, 59)
(0, 192, 58)

(0, 193, 57)
(0, 194, 56)
(0, 195, 55)
(0, 196, 54)
(0, 197, 53)
(0, 198, 52)
(0, 199, 51)
(0, 200, 50)
(0, 201, 49)
(0, 202, 48)
(0, 203, 47)
(0, 204, 46)
(0, 205, 45)
(0, 206, 44)
(0, 207, 43)
(0, 208, 42)
(0, 209, 41)
(0, 210, 40)
(0, 211, 39)
(0, 212, 38)
(0, 213, 37)
(0, 214, 36)
(0, 215, 35)
(0, 216, 34)
(0, 217, 33)
(0, 218, 32)
(0, 219, 31)
(0, 220, 30)
(0, 221, 29)
(0, 222, 28)
(0, 223, 27)
(0, 224, 26)
(0, 225, 25)
(0, 226, 24)
(0, 227, 23)
(0, 228, 22)
(0, 229, 21)
(0, 230, 20)
(0, 231, 19)
(0, 232, 18)
(0, 233, 17)
(0, 234, 16)
(0, 235, 15)
(0, 236, 14)
(0, 237, 13)
(0, 238, 12)
(0, 239, 11)
(0, 240, 10)

(0, 241, 9)
(0, 242, 8)
(0, 243, 7)
(0, 244, 6)
(0, 245, 5)
(0, 246, 4)
(0, 247, 3)
(0, 248, 2)
(0, 249, 1)
(1, 0, 249)
(1, 1, 248)
(1, 2, 247)
(1, 3, 246)
(1, 4, 245)
(1, 5, 244)
(1, 6, 243)
(1, 7, 242)
(1, 8, 241)
(1, 9, 240)
(1, 10, 239)
(1, 11, 238)
(1, 12, 237)
(1, 13, 236)
(1, 14, 235)
(1, 15, 234)
(1, 16, 233)
(1, 17, 232)
(1, 18, 231)
(1, 19, 230)
(1, 20, 229)
(1, 21, 228)
(1, 22, 227)
(1, 23, 226)
(1, 24, 225)
(1, 25, 224)
(1, 26, 223)
(1, 27, 222)
(1, 28, 221)
(1, 29, 220)
(1, 30, 219)
(1, 31, 218)
(1, 32, 217)
(1, 33, 216)
(1, 34, 215)
(1, 35, 214)
(1, 36, 213)
(1, 37, 212)
(1, 38, 211)

(1, 39, 210)
(1, 40, 209)
(1, 41, 208)
(1, 42, 207)
(1, 43, 206)
(1, 44, 205)
(1, 45, 204)
(1, 46, 203)
(1, 47, 202)
(1, 48, 201)
(1, 49, 200)
(1, 50, 199)
(1, 51, 198)
(1, 52, 197)
(1, 53, 196)
(1, 54, 195)
(1, 55, 194)
(1, 56, 193)
(1, 57, 192)
(1, 58, 191)
(1, 59, 190)
(1, 60, 189)
(1, 61, 188)
(1, 62, 187)
(1, 63, 186)
(1, 64, 185)
(1, 65, 184)
(1, 66, 183)
(1, 67, 182)
(1, 68, 181)
(1, 69, 180)
(1, 70, 179)
(1, 71, 178)
(1, 72, 177)
(1, 73, 176)
(1, 74, 175)
(1, 75, 174)
(1, 76, 173)
(1, 77, 172)
(1, 78, 171)
(1, 79, 170)
(1, 80, 169)
(1, 81, 168)
(1, 82, 167)
(1, 83, 166)
(1, 84, 165)
(1, 85, 164)
(1, 86, 163)

(1, 87, 162)
(1, 88, 161)
(1, 89, 160)
(1, 90, 159)
(1, 91, 158)
(1, 92, 157)
(1, 93, 156)
(1, 94, 155)
(1, 95, 154)
(1, 96, 153)
(1, 97, 152)
(1, 98, 151)
(1, 99, 150)
(1, 100, 149)
(1, 101, 148)
(1, 102, 147)
(1, 103, 146)
(1, 104, 145)
(1, 105, 144)
(1, 106, 143)
(1, 107, 142)
(1, 108, 141)
(1, 109, 140)
(1, 110, 139)
(1, 111, 138)
(1, 112, 137)
(1, 113, 136)
(1, 114, 135)
(1, 115, 134)
(1, 116, 133)
(1, 117, 132)
(1, 118, 131)
(1, 119, 130)
(1, 120, 129)
(1, 121, 128)
(1, 122, 127)
(1, 123, 126)
(1, 124, 125)
(1, 125, 124)
(1, 126, 123)
(1, 127, 122)
(1, 128, 121)
(1, 129, 120)
(1, 130, 119)
(1, 131, 118)
(1, 132, 117)
(1, 133, 116)
(1, 134, 115)

(1, 135, 114)
(1, 136, 113)
(1, 137, 112)
(1, 138, 111)
(1, 139, 110)
(1, 140, 109)
(1, 141, 108)
(1, 142, 107)
(1, 143, 106)
(1, 144, 105)
(1, 145, 104)
(1, 146, 103)
(1, 147, 102)
(1, 148, 101)
(1, 149, 100)
(1, 150, 99)
(1, 151, 98)
(1, 152, 97)
(1, 153, 96)
(1, 154, 95)
(1, 155, 94)
(1, 156, 93)
(1, 157, 92)
(1, 158, 91)
(1, 159, 90)
(1, 160, 89)
(1, 161, 88)
(1, 162, 87)
(1, 163, 86)
(1, 164, 85)
(1, 165, 84)
(1, 166, 83)
(1, 167, 82)
(1, 168, 81)
(1, 169, 80)
(1, 170, 79)
(1, 171, 78)
(1, 172, 77)
(1, 173, 76)
(1, 174, 75)
(1, 175, 74)
(1, 176, 73)
(1, 177, 72)
(1, 178, 71)
(1, 179, 70)
(1, 180, 69)
(1, 181, 68)
(1, 182, 67)

(1, 183, 66)
(1, 184, 65)
(1, 185, 64)
(1, 186, 63)
(1, 187, 62)
(1, 188, 61)
(1, 189, 60)
(1, 190, 59)
(1, 191, 58)
(1, 192, 57)
(1, 193, 56)
(1, 194, 55)
(1, 195, 54)
(1, 196, 53)
(1, 197, 52)
(1, 198, 51)
(1, 199, 50)
(1, 200, 49)
(1, 201, 48)
(1, 202, 47)
(1, 203, 46)
(1, 204, 45)
(1, 205, 44)
(1, 206, 43)
(1, 207, 42)
(1, 208, 41)
(1, 209, 40)
(1, 210, 39)
(1, 211, 38)
(1, 212, 37)
(1, 213, 36)
(1, 214, 35)
(1, 215, 34)
(1, 216, 33)
(1, 217, 32)
(1, 218, 31)
(1, 219, 30)
(1, 220, 29)
(1, 221, 28)
(1, 222, 27)
(1, 223, 26)
(1, 224, 25)
(1, 225, 24)
(1, 226, 23)
(1, 227, 22)
(1, 228, 21)
(1, 229, 20)
(1, 230, 19)

(1, 231, 18)
(1, 232, 17)
(1, 233, 16)
(1, 234, 15)
(1, 235, 14)
(1, 236, 13)
(1, 237, 12)
(1, 238, 11)
(1, 239, 10)
(1, 240, 9)
(1, 241, 8)
(1, 242, 7)
(1, 243, 6)
(1, 244, 5)
(1, 245, 4)
(1, 246, 3)
(1, 247, 2)
(1, 248, 1)
(1, 249, 0)
(2, 0, 248)
(2, 1, 247)
(2, 2, 246)
(2, 3, 245)
(2, 4, 244)
(2, 5, 243)
(2, 6, 242)
(2, 7, 241)
(2, 8, 240)
(2, 9, 239)
(2, 10, 238)
(2, 11, 237)
(2, 12, 236)
(2, 13, 235)
(2, 14, 234)
(2, 15, 233)
(2, 16, 232)
(2, 17, 231)
(2, 18, 230)
(2, 19, 229)
(2, 20, 228)
(2, 21, 227)
(2, 22, 226)
(2, 23, 225)
(2, 24, 224)
(2, 25, 223)
(2, 26, 222)
(2, 27, 221)
(2, 28, 220)

(2, 29, 219)
(2, 30, 218)
(2, 31, 217)
(2, 32, 216)
(2, 33, 215)
(2, 34, 214)
(2, 35, 213)
(2, 36, 212)
(2, 37, 211)
(2, 38, 210)
(2, 39, 209)
(2, 40, 208)
(2, 41, 207)
(2, 42, 206)
(2, 43, 205)
(2, 44, 204)
(2, 45, 203)
(2, 46, 202)
(2, 47, 201)
(2, 48, 200)
(2, 49, 199)
(2, 50, 198)
(2, 51, 197)
(2, 52, 196)
(2, 53, 195)
(2, 54, 194)
(2, 55, 193)
(2, 56, 192)
(2, 57, 191)
(2, 58, 190)
(2, 59, 189)
(2, 60, 188)
(2, 61, 187)
(2, 62, 186)
(2, 63, 185)
(2, 64, 184)
(2, 65, 183)
(2, 66, 182)
(2, 67, 181)
(2, 68, 180)
(2, 69, 179)
(2, 70, 178)
(2, 71, 177)
(2, 72, 176)
(2, 73, 175)
(2, 74, 174)
(2, 75, 173)
(2, 76, 172)

(2, 77, 171)
(2, 78, 170)
(2, 79, 169)
(2, 80, 168)
(2, 81, 167)
(2, 82, 166)
(2, 83, 165)
(2, 84, 164)
(2, 85, 163)
(2, 86, 162)
(2, 87, 161)
(2, 88, 160)
(2, 89, 159)
(2, 90, 158)
(2, 91, 157)
(2, 92, 156)
(2, 93, 155)
(2, 94, 154)
(2, 95, 153)
(2, 96, 152)
(2, 97, 151)
(2, 98, 150)
(2, 99, 149)
(2, 100, 148)
(2, 101, 147)
(2, 102, 146)
(2, 103, 145)
(2, 104, 144)
(2, 105, 143)
(2, 106, 142)
(2, 107, 141)
(2, 108, 140)
(2, 109, 139)
(2, 110, 138)
(2, 111, 137)
(2, 112, 136)
(2, 113, 135)
(2, 114, 134)
(2, 115, 133)
(2, 116, 132)
(2, 117, 131)
(2, 118, 130)
(2, 119, 129)
(2, 120, 128)
(2, 121, 127)
(2, 122, 126)
(2, 123, 125)
(2, 124, 124)

(2, 125, 123)
(2, 126, 122)
(2, 127, 121)
(2, 128, 120)
(2, 129, 119)
(2, 130, 118)
(2, 131, 117)
(2, 132, 116)
(2, 133, 115)
(2, 134, 114)
(2, 135, 113)
(2, 136, 112)
(2, 137, 111)
(2, 138, 110)
(2, 139, 109)
(2, 140, 108)
(2, 141, 107)
(2, 142, 106)
(2, 143, 105)
(2, 144, 104)
(2, 145, 103)
(2, 146, 102)
(2, 147, 101)
(2, 148, 100)
(2, 149, 99)
(2, 150, 98)
(2, 151, 97)
(2, 152, 96)
(2, 153, 95)
(2, 154, 94)
(2, 155, 93)
(2, 156, 92)
(2, 157, 91)
(2, 158, 90)
(2, 159, 89)
(2, 160, 88)
(2, 161, 87)
(2, 162, 86)
(2, 163, 85)
(2, 164, 84)
(2, 165, 83)
(2, 166, 82)
(2, 167, 81)
(2, 168, 80)
(2, 169, 79)
(2, 170, 78)
(2, 171, 77)
(2, 172, 76)

(2, 173, 75)
(2, 174, 74)
(2, 175, 73)
(2, 176, 72)
(2, 177, 71)
(2, 178, 70)
(2, 179, 69)
(2, 180, 68)
(2, 181, 67)
(2, 182, 66)
(2, 183, 65)
(2, 184, 64)
(2, 185, 63)
(2, 186, 62)
(2, 187, 61)
(2, 188, 60)
(2, 189, 59)
(2, 190, 58)
(2, 191, 57)
(2, 192, 56)
(2, 193, 55)
(2, 194, 54)
(2, 195, 53)
(2, 196, 52)
(2, 197, 51)
(2, 198, 50)
(2, 199, 49)
(2, 200, 48)
(2, 201, 47)
(2, 202, 46)
(2, 203, 45)
(2, 204, 44)
(2, 205, 43)
(2, 206, 42)
(2, 207, 41)
(2, 208, 40)
(2, 209, 39)
(2, 210, 38)
(2, 211, 37)
(2, 212, 36)
(2, 213, 35)
(2, 214, 34)
(2, 215, 33)
(2, 216, 32)
(2, 217, 31)
(2, 218, 30)
(2, 219, 29)
(2, 220, 28)

(2, 221, 27)
(2, 222, 26)
(2, 223, 25)
(2, 224, 24)
(2, 225, 23)
(2, 226, 22)
(2, 227, 21)
(2, 228, 20)
(2, 229, 19)
(2, 230, 18)
(2, 231, 17)
(2, 232, 16)
(2, 233, 15)
(2, 234, 14)
(2, 235, 13)
(2, 236, 12)
(2, 237, 11)
(2, 238, 10)
(2, 239, 9)
(2, 240, 8)
(2, 241, 7)
(2, 242, 6)
(2, 243, 5)
(2, 244, 4)
(2, 245, 3)
(2, 246, 2)
(2, 247, 1)
(2, 248, 0)
(3, 0, 247)
(3, 1, 246)
(3, 2, 245)
(3, 3, 244)
(3, 4, 243)
(3, 5, 242)
(3, 6, 241)
(3, 7, 240)
(3, 8, 239)
(3, 9, 238)
(3, 10, 237)
(3, 11, 236)
(3, 12, 235)
(3, 13, 234)
(3, 14, 233)
(3, 15, 232)
(3, 16, 231)
(3, 17, 230)
(3, 18, 229)
(3, 19, 228)

(3, 20, 227)
(3, 21, 226)
(3, 22, 225)
(3, 23, 224)
(3, 24, 223)
(3, 25, 222)
(3, 26, 221)
(3, 27, 220)
(3, 28, 219)
(3, 29, 218)
(3, 30, 217)
(3, 31, 216)
(3, 32, 215)
(3, 33, 214)
(3, 34, 213)
(3, 35, 212)
(3, 36, 211)
(3, 37, 210)
(3, 38, 209)
(3, 39, 208)
(3, 40, 207)
(3, 41, 206)
(3, 42, 205)
(3, 43, 204)
(3, 44, 203)
(3, 45, 202)
(3, 46, 201)
(3, 47, 200)
(3, 48, 199)
(3, 49, 198)
(3, 50, 197)
(3, 51, 196)
(3, 52, 195)
(3, 53, 194)
(3, 54, 193)
(3, 55, 192)
(3, 56, 191)
(3, 57, 190)
(3, 58, 189)
(3, 59, 188)
(3, 60, 187)
(3, 61, 186)
(3, 62, 185)
(3, 63, 184)
(3, 64, 183)
(3, 65, 182)
(3, 66, 181)
(3, 67, 180)

(3, 68, 179)
(3, 69, 178)
(3, 70, 177)
(3, 71, 176)
(3, 72, 175)
(3, 73, 174)
(3, 74, 173)
(3, 75, 172)
(3, 76, 171)
(3, 77, 170)
(3, 78, 169)
(3, 79, 168)
(3, 80, 167)
(3, 81, 166)
(3, 82, 165)
(3, 83, 164)
(3, 84, 163)
(3, 85, 162)
(3, 86, 161)
(3, 87, 160)
(3, 88, 159)
(3, 89, 158)
(3, 90, 157)
(3, 91, 156)
(3, 92, 155)
(3, 93, 154)
(3, 94, 153)
(3, 95, 152)
(3, 96, 151)
(3, 97, 150)
(3, 98, 149)
(3, 99, 148)
(3, 100, 147)
(3, 101, 146)
(3, 102, 145)
(3, 103, 144)
(3, 104, 143)
(3, 105, 142)
(3, 106, 141)
(3, 107, 140)
(3, 108, 139)
(3, 109, 138)
(3, 110, 137)
(3, 111, 136)
(3, 112, 135)
(3, 113, 134)
(3, 114, 133)
(3, 115, 132)

(3, 116, 131)
(3, 117, 130)
(3, 118, 129)
(3, 119, 128)
(3, 120, 127)
(3, 121, 126)
(3, 122, 125)
(3, 123, 124)
(3, 124, 123)
(3, 125, 122)
(3, 126, 121)
(3, 127, 120)
(3, 128, 119)
(3, 129, 118)
(3, 130, 117)
(3, 131, 116)
(3, 132, 115)
(3, 133, 114)
(3, 134, 113)
(3, 135, 112)
(3, 136, 111)
(3, 137, 110)
(3, 138, 109)
(3, 139, 108)
(3, 140, 107)
(3, 141, 106)
(3, 142, 105)
(3, 143, 104)
(3, 144, 103)
(3, 145, 102)
(3, 146, 101)
(3, 147, 100)
(3, 148, 99)
(3, 149, 98)
(3, 150, 97)
(3, 151, 96)
(3, 152, 95)
(3, 153, 94)
(3, 154, 93)
(3, 155, 92)
(3, 156, 91)
(3, 157, 90)
(3, 158, 89)
(3, 159, 88)
(3, 160, 87)
(3, 161, 86)
(3, 162, 85)
(3, 163, 84)

(3, 164, 83)
(3, 165, 82)
(3, 166, 81)
(3, 167, 80)
(3, 168, 79)
(3, 169, 78)
(3, 170, 77)
(3, 171, 76)
(3, 172, 75)
(3, 173, 74)
(3, 174, 73)
(3, 175, 72)
(3, 176, 71)
(3, 177, 70)
(3, 178, 69)
(3, 179, 68)
(3, 180, 67)
(3, 181, 66)
(3, 182, 65)
(3, 183, 64)
(3, 184, 63)
(3, 185, 62)
(3, 186, 61)
(3, 187, 60)
(3, 188, 59)
(3, 189, 58)
(3, 190, 57)
(3, 191, 56)
(3, 192, 55)
(3, 193, 54)
(3, 194, 53)
(3, 195, 52)
(3, 196, 51)
(3, 197, 50)
(3, 198, 49)
(3, 199, 48)
(3, 200, 47)
(3, 201, 46)
(3, 202, 45)
(3, 203, 44)
(3, 204, 43)
(3, 205, 42)
(3, 206, 41)
(3, 207, 40)
(3, 208, 39)
(3, 209, 38)
(3, 210, 37)
(3, 211, 36)

(3, 212, 35)
(3, 213, 34)
(3, 214, 33)
(3, 215, 32)
(3, 216, 31)
(3, 217, 30)
(3, 218, 29)
(3, 219, 28)
(3, 220, 27)
(3, 221, 26)
(3, 222, 25)
(3, 223, 24)
(3, 224, 23)
(3, 225, 22)
(3, 226, 21)
(3, 227, 20)
(3, 228, 19)
(3, 229, 18)
(3, 230, 17)
(3, 231, 16)
(3, 232, 15)
(3, 233, 14)
(3, 234, 13)
(3, 235, 12)
(3, 236, 11)
(3, 237, 10)
(3, 238, 9)
(3, 239, 8)
(3, 240, 7)
(3, 241, 6)
(3, 242, 5)
(3, 243, 4)
(3, 244, 3)
(3, 245, 2)
(3, 246, 1)
(3, 247, 0)
(4, 0, 246)
(4, 1, 245)
(4, 2, 244)
(4, 3, 243)
(4, 4, 242)
(4, 5, 241)
(4, 6, 240)
(4, 7, 239)
(4, 8, 238)
(4, 9, 237)
(4, 10, 236)
(4, 11, 235)

(4, 12, 234)
(4, 13, 233)
(4, 14, 232)
(4, 15, 231)
(4, 16, 230)
(4, 17, 229)
(4, 18, 228)
(4, 19, 227)
(4, 20, 226)
(4, 21, 225)
(4, 22, 224)
(4, 23, 223)
(4, 24, 222)
(4, 25, 221)
(4, 26, 220)
(4, 27, 219)
(4, 28, 218)
(4, 29, 217)
(4, 30, 216)
(4, 31, 215)
(4, 32, 214)
(4, 33, 213)
(4, 34, 212)
(4, 35, 211)
(4, 36, 210)
(4, 37, 209)
(4, 38, 208)
(4, 39, 207)
(4, 40, 206)
(4, 41, 205)
(4, 42, 204)
(4, 43, 203)
(4, 44, 202)
(4, 45, 201)
(4, 46, 200)
(4, 47, 199)
(4, 48, 198)
(4, 49, 197)
(4, 50, 196)
(4, 51, 195)
(4, 52, 194)
(4, 53, 193)
(4, 54, 192)
(4, 55, 191)
(4, 56, 190)
(4, 57, 189)
(4, 58, 188)
(4, 59, 187)

(4, 60, 186)
(4, 61, 185)
(4, 62, 184)
(4, 63, 183)
(4, 64, 182)
(4, 65, 181)
(4, 66, 180)
(4, 67, 179)
(4, 68, 178)
(4, 69, 177)
(4, 70, 176)
(4, 71, 175)
(4, 72, 174)
(4, 73, 173)
(4, 74, 172)
(4, 75, 171)
(4, 76, 170)
(4, 77, 169)
(4, 78, 168)
(4, 79, 167)
(4, 80, 166)
(4, 81, 165)
(4, 82, 164)
(4, 83, 163)
(4, 84, 162)
(4, 85, 161)
(4, 86, 160)
(4, 87, 159)
(4, 88, 158)
(4, 89, 157)
(4, 90, 156)
(4, 91, 155)
(4, 92, 154)
(4, 93, 153)
(4, 94, 152)
(4, 95, 151)
(4, 96, 150)
(4, 97, 149)
(4, 98, 148)
(4, 99, 147)
(4, 100, 146)
(4, 101, 145)
(4, 102, 144)
(4, 103, 143)
(4, 104, 142)
(4, 105, 141)
(4, 106, 140)
(4, 107, 139)

(4, 108, 138)
(4, 109, 137)
(4, 110, 136)
(4, 111, 135)
(4, 112, 134)
(4, 113, 133)
(4, 114, 132)
(4, 115, 131)
(4, 116, 130)
(4, 117, 129)
(4, 118, 128)
(4, 119, 127)
(4, 120, 126)
(4, 121, 125)
(4, 122, 124)
(4, 123, 123)
(4, 124, 122)
(4, 125, 121)
(4, 126, 120)
(4, 127, 119)
(4, 128, 118)
(4, 129, 117)
(4, 130, 116)
(4, 131, 115)
(4, 132, 114)
(4, 133, 113)
(4, 134, 112)
(4, 135, 111)
(4, 136, 110)
(4, 137, 109)
(4, 138, 108)
(4, 139, 107)
(4, 140, 106)
(4, 141, 105)
(4, 142, 104)
(4, 143, 103)
(4, 144, 102)
(4, 145, 101)
(4, 146, 100)
(4, 147, 99)
(4, 148, 98)
(4, 149, 97)
(4, 150, 96)
(4, 151, 95)
(4, 152, 94)
(4, 153, 93)
(4, 154, 92)
(4, 155, 91)

(4, 156, 90)
(4, 157, 89)
(4, 158, 88)
(4, 159, 87)
(4, 160, 86)
(4, 161, 85)
(4, 162, 84)
(4, 163, 83)
(4, 164, 82)
(4, 165, 81)
(4, 166, 80)
(4, 167, 79)
(4, 168, 78)
(4, 169, 77)
(4, 170, 76)
(4, 171, 75)
(4, 172, 74)
(4, 173, 73)
(4, 174, 72)
(4, 175, 71)
(4, 176, 70)
(4, 177, 69)
(4, 178, 68)
(4, 179, 67)
(4, 180, 66)
(4, 181, 65)
(4, 182, 64)
(4, 183, 63)
(4, 184, 62)
(4, 185, 61)
(4, 186, 60)
(4, 187, 59)
(4, 188, 58)
(4, 189, 57)
(4, 190, 56)
(4, 191, 55)
(4, 192, 54)
(4, 193, 53)
(4, 194, 52)
(4, 195, 51)
(4, 196, 50)
(4, 197, 49)
(4, 198, 48)
(4, 199, 47)
(4, 200, 46)
(4, 201, 45)
(4, 202, 44)
(4, 203, 43)

(4, 204, 42)
(4, 205, 41)
(4, 206, 40)
(4, 207, 39)
(4, 208, 38)
(4, 209, 37)
(4, 210, 36)
(4, 211, 35)
(4, 212, 34)
(4, 213, 33)
(4, 214, 32)
(4, 215, 31)
(4, 216, 30)
(4, 217, 29)
(4, 218, 28)
(4, 219, 27)
(4, 220, 26)
(4, 221, 25)
(4, 222, 24)
(4, 223, 23)
(4, 224, 22)
(4, 225, 21)
(4, 226, 20)
(4, 227, 19)
(4, 228, 18)
(4, 229, 17)
(4, 230, 16)
(4, 231, 15)
(4, 232, 14)
(4, 233, 13)
(4, 234, 12)
(4, 235, 11)
(4, 236, 10)
(4, 237, 9)
(4, 238, 8)
(4, 239, 7)
(4, 240, 6)
(4, 241, 5)
(4, 242, 4)
(4, 243, 3)
(4, 244, 2)
(4, 245, 1)
(4, 246, 0)
(5, 0, 245)
(5, 1, 244)
(5, 2, 243)
(5, 3, 242)
(5, 4, 241)

(5, 5, 240)
(5, 6, 239)
(5, 7, 238)
(5, 8, 237)
(5, 9, 236)
(5, 10, 235)
(5, 11, 234)
(5, 12, 233)
(5, 13, 232)
(5, 14, 231)
(5, 15, 230)
(5, 16, 229)
(5, 17, 228)
(5, 18, 227)
(5, 19, 226)
(5, 20, 225)
(5, 21, 224)
(5, 22, 223)
(5, 23, 222)
(5, 24, 221)
(5, 25, 220)
(5, 26, 219)
(5, 27, 218)
(5, 28, 217)
(5, 29, 216)
(5, 30, 215)
(5, 31, 214)
(5, 32, 213)
(5, 33, 212)
(5, 34, 211)
(5, 35, 210)
(5, 36, 209)
(5, 37, 208)
(5, 38, 207)
(5, 39, 206)
(5, 40, 205)
(5, 41, 204)
(5, 42, 203)
(5, 43, 202)
(5, 44, 201)
(5, 45, 200)
(5, 46, 199)
(5, 47, 198)
(5, 48, 197)
(5, 49, 196)
(5, 50, 195)
(5, 51, 194)
(5, 52, 193)

(5, 53, 192)
(5, 54, 191)
(5, 55, 190)
(5, 56, 189)
(5, 57, 188)
(5, 58, 187)
(5, 59, 186)
(5, 60, 185)
(5, 61, 184)
(5, 62, 183)
(5, 63, 182)
(5, 64, 181)
(5, 65, 180)
(5, 66, 179)
(5, 67, 178)
(5, 68, 177)
(5, 69, 176)
(5, 70, 175)
(5, 71, 174)
(5, 72, 173)
(5, 73, 172)
(5, 74, 171)
(5, 75, 170)
(5, 76, 169)
(5, 77, 168)
(5, 78, 167)
(5, 79, 166)
(5, 80, 165)
(5, 81, 164)
(5, 82, 163)
(5, 83, 162)
(5, 84, 161)
(5, 85, 160)
(5, 86, 159)
(5, 87, 158)
(5, 88, 157)
(5, 89, 156)
(5, 90, 155)
(5, 91, 154)
(5, 92, 153)
(5, 93, 152)
(5, 94, 151)
(5, 95, 150)
(5, 96, 149)
(5, 97, 148)
(5, 98, 147)
(5, 99, 146)
(5, 100, 145)

(5, 101, 144)
(5, 102, 143)
(5, 103, 142)
(5, 104, 141)
(5, 105, 140)
(5, 106, 139)
(5, 107, 138)
(5, 108, 137)
(5, 109, 136)
(5, 110, 135)
(5, 111, 134)
(5, 112, 133)
(5, 113, 132)
(5, 114, 131)
(5, 115, 130)
(5, 116, 129)
(5, 117, 128)
(5, 118, 127)
(5, 119, 126)
(5, 120, 125)
(5, 121, 124)
(5, 122, 123)
(5, 123, 122)
(5, 124, 121)
(5, 125, 120)
(5, 126, 119)
(5, 127, 118)
(5, 128, 117)
(5, 129, 116)
(5, 130, 115)
(5, 131, 114)
(5, 132, 113)
(5, 133, 112)
(5, 134, 111)
(5, 135, 110)
(5, 136, 109)
(5, 137, 108)
(5, 138, 107)
(5, 139, 106)
(5, 140, 105)
(5, 141, 104)
(5, 142, 103)
(5, 143, 102)
(5, 144, 101)
(5, 145, 100)
(5, 146, 99)
(5, 147, 98)
(5, 148, 97)

(5, 149, 96)
(5, 150, 95)
(5, 151, 94)
(5, 152, 93)
(5, 153, 92)
(5, 154, 91)
(5, 155, 90)
(5, 156, 89)
(5, 157, 88)
(5, 158, 87)
(5, 159, 86)
(5, 160, 85)
(5, 161, 84)
(5, 162, 83)
(5, 163, 82)
(5, 164, 81)
(5, 165, 80)
(5, 166, 79)
(5, 167, 78)
(5, 168, 77)
(5, 169, 76)
(5, 170, 75)
(5, 171, 74)
(5, 172, 73)
(5, 173, 72)
(5, 174, 71)
(5, 175, 70)
(5, 176, 69)
(5, 177, 68)
(5, 178, 67)
(5, 179, 66)
(5, 180, 65)
(5, 181, 64)
(5, 182, 63)
(5, 183, 62)
(5, 184, 61)
(5, 185, 60)
(5, 186, 59)
(5, 187, 58)
(5, 188, 57)
(5, 189, 56)
(5, 190, 55)
(5, 191, 54)
(5, 192, 53)
(5, 193, 52)
(5, 194, 51)
(5, 195, 50)
(5, 196, 49)

(5, 197, 48)
(5, 198, 47)
(5, 199, 46)
(5, 200, 45)
(5, 201, 44)
(5, 202, 43)
(5, 203, 42)
(5, 204, 41)
(5, 205, 40)
(5, 206, 39)
(5, 207, 38)
(5, 208, 37)
(5, 209, 36)
(5, 210, 35)
(5, 211, 34)
(5, 212, 33)
(5, 213, 32)
(5, 214, 31)
(5, 215, 30)
(5, 216, 29)
(5, 217, 28)
(5, 218, 27)
(5, 219, 26)
(5, 220, 25)
(5, 221, 24)
(5, 222, 23)
(5, 223, 22)
(5, 224, 21)
(5, 225, 20)
(5, 226, 19)
(5, 227, 18)
(5, 228, 17)
(5, 229, 16)
(5, 230, 15)
(5, 231, 14)
(5, 232, 13)
(5, 233, 12)
(5, 234, 11)
(5, 235, 10)
(5, 236, 9)
(5, 237, 8)
(5, 238, 7)
(5, 239, 6)
(5, 240, 5)
(5, 241, 4)
(5, 242, 3)
(5, 243, 2)
(5, 244, 1)

(5, 245, 0)
(6, 0, 244)
(6, 1, 243)
(6, 2, 242)
(6, 3, 241)
(6, 4, 240)
(6, 5, 239)
(6, 6, 238)
(6, 7, 237)
(6, 8, 236)
(6, 9, 235)
(6, 10, 234)
(6, 11, 233)
(6, 12, 232)
(6, 13, 231)
(6, 14, 230)
(6, 15, 229)
(6, 16, 228)
(6, 17, 227)
(6, 18, 226)
(6, 19, 225)
(6, 20, 224)
(6, 21, 223)
(6, 22, 222)
(6, 23, 221)
(6, 24, 220)
(6, 25, 219)
(6, 26, 218)
(6, 27, 217)
(6, 28, 216)
(6, 29, 215)
(6, 30, 214)
(6, 31, 213)
(6, 32, 212)
(6, 33, 211)
(6, 34, 210)
(6, 35, 209)
(6, 36, 208)
(6, 37, 207)
(6, 38, 206)
(6, 39, 205)
(6, 40, 204)
(6, 41, 203)
(6, 42, 202)
(6, 43, 201)
(6, 44, 200)
(6, 45, 199)
(6, 46, 198)

(6, 47, 197)
(6, 48, 196)
(6, 49, 195)
(6, 50, 194)
(6, 51, 193)
(6, 52, 192)
(6, 53, 191)
(6, 54, 190)
(6, 55, 189)
(6, 56, 188)
(6, 57, 187)
(6, 58, 186)
(6, 59, 185)
(6, 60, 184)
(6, 61, 183)
(6, 62, 182)
(6, 63, 181)
(6, 64, 180)
(6, 65, 179)
(6, 66, 178)
(6, 67, 177)
(6, 68, 176)
(6, 69, 175)
(6, 70, 174)
(6, 71, 173)
(6, 72, 172)
(6, 73, 171)
(6, 74, 170)
(6, 75, 169)
(6, 76, 168)
(6, 77, 167)
(6, 78, 166)
(6, 79, 165)
(6, 80, 164)
(6, 81, 163)
(6, 82, 162)
(6, 83, 161)
(6, 84, 160)
(6, 85, 159)
(6, 86, 158)
(6, 87, 157)
(6, 88, 156)
(6, 89, 155)
(6, 90, 154)
(6, 91, 153)
(6, 92, 152)
(6, 93, 151)
(6, 94, 150)

(6, 95, 149)
(6, 96, 148)
(6, 97, 147)
(6, 98, 146)
(6, 99, 145)
(6, 100, 144)
(6, 101, 143)
(6, 102, 142)
(6, 103, 141)
(6, 104, 140)
(6, 105, 139)
(6, 106, 138)
(6, 107, 137)
(6, 108, 136)
(6, 109, 135)
(6, 110, 134)
(6, 111, 133)
(6, 112, 132)
(6, 113, 131)
(6, 114, 130)
(6, 115, 129)
(6, 116, 128)
(6, 117, 127)
(6, 118, 126)
(6, 119, 125)
(6, 120, 124)
(6, 121, 123)
(6, 122, 122)
(6, 123, 121)
(6, 124, 120)
(6, 125, 119)
(6, 126, 118)
(6, 127, 117)
(6, 128, 116)
(6, 129, 115)
(6, 130, 114)
(6, 131, 113)
(6, 132, 112)
(6, 133, 111)
(6, 134, 110)
(6, 135, 109)
(6, 136, 108)
(6, 137, 107)
(6, 138, 106)
(6, 139, 105)
(6, 140, 104)
(6, 141, 103)
(6, 142, 102)

(6, 143, 101)
(6, 144, 100)
(6, 145, 99)
(6, 146, 98)
(6, 147, 97)
(6, 148, 96)
(6, 149, 95)
(6, 150, 94)
(6, 151, 93)
(6, 152, 92)
(6, 153, 91)
(6, 154, 90)
(6, 155, 89)
(6, 156, 88)
(6, 157, 87)
(6, 158, 86)
(6, 159, 85)
(6, 160, 84)
(6, 161, 83)
(6, 162, 82)
(6, 163, 81)
(6, 164, 80)
(6, 165, 79)
(6, 166, 78)
(6, 167, 77)
(6, 168, 76)
(6, 169, 75)
(6, 170, 74)
(6, 171, 73)
(6, 172, 72)
(6, 173, 71)
(6, 174, 70)
(6, 175, 69)
(6, 176, 68)
(6, 177, 67)
(6, 178, 66)
(6, 179, 65)
(6, 180, 64)
(6, 181, 63)
(6, 182, 62)
(6, 183, 61)
(6, 184, 60)
(6, 185, 59)
(6, 186, 58)
(6, 187, 57)
(6, 188, 56)
(6, 189, 55)
(6, 190, 54)

(6, 191, 53)
(6, 192, 52)
(6, 193, 51)
(6, 194, 50)
(6, 195, 49)
(6, 196, 48)
(6, 197, 47)
(6, 198, 46)
(6, 199, 45)
(6, 200, 44)
(6, 201, 43)
(6, 202, 42)
(6, 203, 41)
(6, 204, 40)
(6, 205, 39)
(6, 206, 38)
(6, 207, 37)
(6, 208, 36)
(6, 209, 35)
(6, 210, 34)
(6, 211, 33)
(6, 212, 32)
(6, 213, 31)
(6, 214, 30)
(6, 215, 29)
(6, 216, 28)
(6, 217, 27)
(6, 218, 26)
(6, 219, 25)
(6, 220, 24)
(6, 221, 23)
(6, 222, 22)
(6, 223, 21)
(6, 224, 20)
(6, 225, 19)
(6, 226, 18)
(6, 227, 17)
(6, 228, 16)
(6, 229, 15)
(6, 230, 14)
(6, 231, 13)
(6, 232, 12)
(6, 233, 11)
(6, 234, 10)
(6, 235, 9)
(6, 236, 8)
(6, 237, 7)
(6, 238, 6)

(6, 239, 5)
(6, 240, 4)
(6, 241, 3)
(6, 242, 2)
(6, 243, 1)
(6, 244, 0)
(7, 0, 243)
(7, 1, 242)
(7, 2, 241)
(7, 3, 240)
(7, 4, 239)
(7, 5, 238)
(7, 6, 237)
(7, 7, 236)
(7, 8, 235)
(7, 9, 234)
(7, 10, 233)
(7, 11, 232)
(7, 12, 231)
(7, 13, 230)
(7, 14, 229)
(7, 15, 228)
(7, 16, 227)
(7, 17, 226)
(7, 18, 225)
(7, 19, 224)
(7, 20, 223)
(7, 21, 222)
(7, 22, 221)
(7, 23, 220)
(7, 24, 219)
(7, 25, 218)
(7, 26, 217)
(7, 27, 216)
(7, 28, 215)
(7, 29, 214)
(7, 30, 213)
(7, 31, 212)
(7, 32, 211)
(7, 33, 210)
(7, 34, 209)
(7, 35, 208)
(7, 36, 207)
(7, 37, 206)
(7, 38, 205)
(7, 39, 204)
(7, 40, 203)
(7, 41, 202)

(7, 42, 201)
(7, 43, 200)
(7, 44, 199)
(7, 45, 198)
(7, 46, 197)
(7, 47, 196)
(7, 48, 195)
(7, 49, 194)
(7, 50, 193)
(7, 51, 192)
(7, 52, 191)
(7, 53, 190)
(7, 54, 189)
(7, 55, 188)
(7, 56, 187)
(7, 57, 186)
(7, 58, 185)
(7, 59, 184)
(7, 60, 183)
(7, 61, 182)
(7, 62, 181)
(7, 63, 180)
(7, 64, 179)
(7, 65, 178)
(7, 66, 177)
(7, 67, 176)
(7, 68, 175)
(7, 69, 174)
(7, 70, 173)
(7, 71, 172)
(7, 72, 171)
(7, 73, 170)
(7, 74, 169)
(7, 75, 168)
(7, 76, 167)
(7, 77, 166)
(7, 78, 165)
(7, 79, 164)
(7, 80, 163)
(7, 81, 162)
(7, 82, 161)
(7, 83, 160)
(7, 84, 159)
(7, 85, 158)
(7, 86, 157)
(7, 87, 156)
(7, 88, 155)
(7, 89, 154)

(7, 90, 153)
(7, 91, 152)
(7, 92, 151)
(7, 93, 150)
(7, 94, 149)
(7, 95, 148)
(7, 96, 147)
(7, 97, 146)
(7, 98, 145)
(7, 99, 144)
(7, 100, 143)
(7, 101, 142)
(7, 102, 141)
(7, 103, 140)
(7, 104, 139)
(7, 105, 138)
(7, 106, 137)
(7, 107, 136)
(7, 108, 135)
(7, 109, 134)
(7, 110, 133)
(7, 111, 132)
(7, 112, 131)
(7, 113, 130)
(7, 114, 129)
(7, 115, 128)
(7, 116, 127)
(7, 117, 126)
(7, 118, 125)
(7, 119, 124)
(7, 120, 123)
(7, 121, 122)
(7, 122, 121)
(7, 123, 120)
(7, 124, 119)
(7, 125, 118)
(7, 126, 117)
(7, 127, 116)
(7, 128, 115)
(7, 129, 114)
(7, 130, 113)
(7, 131, 112)
(7, 132, 111)
(7, 133, 110)
(7, 134, 109)
(7, 135, 108)
(7, 136, 107)
(7, 137, 106)

(7, 138, 105)
(7, 139, 104)
(7, 140, 103)
(7, 141, 102)
(7, 142, 101)
(7, 143, 100)
(7, 144, 99)
(7, 145, 98)
(7, 146, 97)
(7, 147, 96)
(7, 148, 95)
(7, 149, 94)
(7, 150, 93)
(7, 151, 92)
(7, 152, 91)
(7, 153, 90)
(7, 154, 89)
(7, 155, 88)
(7, 156, 87)
(7, 157, 86)
(7, 158, 85)
(7, 159, 84)
(7, 160, 83)
(7, 161, 82)
(7, 162, 81)
(7, 163, 80)
(7, 164, 79)
(7, 165, 78)
(7, 166, 77)
(7, 167, 76)
(7, 168, 75)
(7, 169, 74)
(7, 170, 73)
(7, 171, 72)
(7, 172, 71)
(7, 173, 70)
(7, 174, 69)
(7, 175, 68)
(7, 176, 67)
(7, 177, 66)
(7, 178, 65)
(7, 179, 64)
(7, 180, 63)
(7, 181, 62)
(7, 182, 61)
(7, 183, 60)
(7, 184, 59)
(7, 185, 58)

(7, 186, 57)
(7, 187, 56)
(7, 188, 55)
(7, 189, 54)
(7, 190, 53)
(7, 191, 52)
(7, 192, 51)
(7, 193, 50)
(7, 194, 49)
(7, 195, 48)
(7, 196, 47)
(7, 197, 46)
(7, 198, 45)
(7, 199, 44)
(7, 200, 43)
(7, 201, 42)
(7, 202, 41)
(7, 203, 40)
(7, 204, 39)
(7, 205, 38)
(7, 206, 37)
(7, 207, 36)
(7, 208, 35)
(7, 209, 34)
(7, 210, 33)
(7, 211, 32)
(7, 212, 31)
(7, 213, 30)
(7, 214, 29)
(7, 215, 28)
(7, 216, 27)
(7, 217, 26)
(7, 218, 25)
(7, 219, 24)
(7, 220, 23)
(7, 221, 22)
(7, 222, 21)
(7, 223, 20)
(7, 224, 19)
(7, 225, 18)
(7, 226, 17)
(7, 227, 16)
(7, 228, 15)
(7, 229, 14)
(7, 230, 13)
(7, 231, 12)
(7, 232, 11)
(7, 233, 10)

(7, 234, 9)
(7, 235, 8)
(7, 236, 7)
(7, 237, 6)
(7, 238, 5)
(7, 239, 4)
(7, 240, 3)
(7, 241, 2)
(7, 242, 1)
(7, 243, 0)
(8, 0, 242)
(8, 1, 241)
(8, 2, 240)
(8, 3, 239)
(8, 4, 238)
(8, 5, 237)
(8, 6, 236)
(8, 7, 235)
(8, 8, 234)
(8, 9, 233)
(8, 10, 232)
(8, 11, 231)
(8, 12, 230)
(8, 13, 229)
(8, 14, 228)
(8, 15, 227)
(8, 16, 226)
(8, 17, 225)
(8, 18, 224)
(8, 19, 223)
(8, 20, 222)
(8, 21, 221)
(8, 22, 220)
(8, 23, 219)
(8, 24, 218)
(8, 25, 217)
(8, 26, 216)
(8, 27, 215)
(8, 28, 214)
(8, 29, 213)
(8, 30, 212)
(8, 31, 211)
(8, 32, 210)
(8, 33, 209)
(8, 34, 208)
(8, 35, 207)
(8, 36, 206)
(8, 37, 205)

(8, 38, 204)
(8, 39, 203)
(8, 40, 202)
(8, 41, 201)
(8, 42, 200)
(8, 43, 199)
(8, 44, 198)
(8, 45, 197)
(8, 46, 196)
(8, 47, 195)
(8, 48, 194)
(8, 49, 193)
(8, 50, 192)
(8, 51, 191)
(8, 52, 190)
(8, 53, 189)
(8, 54, 188)
(8, 55, 187)
(8, 56, 186)
(8, 57, 185)
(8, 58, 184)
(8, 59, 183)
(8, 60, 182)
(8, 61, 181)
(8, 62, 180)
(8, 63, 179)
(8, 64, 178)
(8, 65, 177)
(8, 66, 176)
(8, 67, 175)
(8, 68, 174)
(8, 69, 173)
(8, 70, 172)
(8, 71, 171)
(8, 72, 170)
(8, 73, 169)
(8, 74, 168)
(8, 75, 167)
(8, 76, 166)
(8, 77, 165)
(8, 78, 164)
(8, 79, 163)
(8, 80, 162)
(8, 81, 161)
(8, 82, 160)
(8, 83, 159)
(8, 84, 158)
(8, 85, 157)

(8, 86, 156)
(8, 87, 155)
(8, 88, 154)
(8, 89, 153)
(8, 90, 152)
(8, 91, 151)
(8, 92, 150)
(8, 93, 149)
(8, 94, 148)
(8, 95, 147)
(8, 96, 146)
(8, 97, 145)
(8, 98, 144)
(8, 99, 143)
(8, 100, 142)
(8, 101, 141)
(8, 102, 140)
(8, 103, 139)
(8, 104, 138)
(8, 105, 137)
(8, 106, 136)
(8, 107, 135)
(8, 108, 134)
(8, 109, 133)
(8, 110, 132)
(8, 111, 131)
(8, 112, 130)
(8, 113, 129)
(8, 114, 128)
(8, 115, 127)
(8, 116, 126)
(8, 117, 125)
(8, 118, 124)
(8, 119, 123)
(8, 120, 122)
(8, 121, 121)
(8, 122, 120)
(8, 123, 119)
(8, 124, 118)
(8, 125, 117)
(8, 126, 116)
(8, 127, 115)
(8, 128, 114)
(8, 129, 113)
(8, 130, 112)
(8, 131, 111)
(8, 132, 110)
(8, 133, 109)

(8, 134, 108)
(8, 135, 107)
(8, 136, 106)
(8, 137, 105)
(8, 138, 104)
(8, 139, 103)
(8, 140, 102)
(8, 141, 101)
(8, 142, 100)
(8, 143, 99)
(8, 144, 98)
(8, 145, 97)
(8, 146, 96)
(8, 147, 95)
(8, 148, 94)
(8, 149, 93)
(8, 150, 92)
(8, 151, 91)
(8, 152, 90)
(8, 153, 89)
(8, 154, 88)
(8, 155, 87)
(8, 156, 86)
(8, 157, 85)
(8, 158, 84)
(8, 159, 83)
(8, 160, 82)
(8, 161, 81)
(8, 162, 80)
(8, 163, 79)
(8, 164, 78)
(8, 165, 77)
(8, 166, 76)
(8, 167, 75)
(8, 168, 74)
(8, 169, 73)
(8, 170, 72)
(8, 171, 71)
(8, 172, 70)
(8, 173, 69)
(8, 174, 68)
(8, 175, 67)
(8, 176, 66)
(8, 177, 65)
(8, 178, 64)
(8, 179, 63)
(8, 180, 62)
(8, 181, 61)

(8, 182, 60)
(8, 183, 59)
(8, 184, 58)
(8, 185, 57)
(8, 186, 56)
(8, 187, 55)
(8, 188, 54)
(8, 189, 53)
(8, 190, 52)
(8, 191, 51)
(8, 192, 50)
(8, 193, 49)
(8, 194, 48)
(8, 195, 47)
(8, 196, 46)
(8, 197, 45)
(8, 198, 44)
(8, 199, 43)
(8, 200, 42)
(8, 201, 41)
(8, 202, 40)
(8, 203, 39)
(8, 204, 38)
(8, 205, 37)
(8, 206, 36)
(8, 207, 35)
(8, 208, 34)
(8, 209, 33)
(8, 210, 32)
(8, 211, 31)
(8, 212, 30)
(8, 213, 29)
(8, 214, 28)
(8, 215, 27)
(8, 216, 26)
(8, 217, 25)
(8, 218, 24)
(8, 219, 23)
(8, 220, 22)
(8, 221, 21)
(8, 222, 20)
(8, 223, 19)
(8, 224, 18)
(8, 225, 17)
(8, 226, 16)
(8, 227, 15)
(8, 228, 14)
(8, 229, 13)

(8, 230, 12)
(8, 231, 11)
(8, 232, 10)
(8, 233, 9)
(8, 234, 8)
(8, 235, 7)
(8, 236, 6)
(8, 237, 5)
(8, 238, 4)
(8, 239, 3)
(8, 240, 2)
(8, 241, 1)
(8, 242, 0)
(9, 0, 241)
(9, 1, 240)
(9, 2, 239)
(9, 3, 238)
(9, 4, 237)
(9, 5, 236)
(9, 6, 235)
(9, 7, 234)
(9, 8, 233)
(9, 9, 232)
(9, 10, 231)
(9, 11, 230)
(9, 12, 229)
(9, 13, 228)
(9, 14, 227)
(9, 15, 226)
(9, 16, 225)
(9, 17, 224)
(9, 18, 223)
(9, 19, 222)
(9, 20, 221)
(9, 21, 220)
(9, 22, 219)
(9, 23, 218)
(9, 24, 217)
(9, 25, 216)
(9, 26, 215)
(9, 27, 214)
(9, 28, 213)
(9, 29, 212)
(9, 30, 211)
(9, 31, 210)
(9, 32, 209)
(9, 33, 208)
(9, 34, 207)

(9, 35, 206)
(9, 36, 205)
(9, 37, 204)
(9, 38, 203)
(9, 39, 202)
(9, 40, 201)
(9, 41, 200)
(9, 42, 199)
(9, 43, 198)
(9, 44, 197)
(9, 45, 196)
(9, 46, 195)
(9, 47, 194)
(9, 48, 193)
(9, 49, 192)
(9, 50, 191)
(9, 51, 190)
(9, 52, 189)
(9, 53, 188)
(9, 54, 187)
(9, 55, 186)
(9, 56, 185)
(9, 57, 184)
(9, 58, 183)
(9, 59, 182)
(9, 60, 181)
(9, 61, 180)
(9, 62, 179)
(9, 63, 178)
(9, 64, 177)
(9, 65, 176)
(9, 66, 175)
(9, 67, 174)
(9, 68, 173)
(9, 69, 172)
(9, 70, 171)
(9, 71, 170)
(9, 72, 169)
(9, 73, 168)
(9, 74, 167)
(9, 75, 166)
(9, 76, 165)
(9, 77, 164)
(9, 78, 163)
(9, 79, 162)
(9, 80, 161)
(9, 81, 160)
(9, 82, 159)

(9, 83, 158)
(9, 84, 157)
(9, 85, 156)
(9, 86, 155)
(9, 87, 154)
(9, 88, 153)
(9, 89, 152)
(9, 90, 151)
(9, 91, 150)
(9, 92, 149)
(9, 93, 148)
(9, 94, 147)
(9, 95, 146)
(9, 96, 145)
(9, 97, 144)
(9, 98, 143)
(9, 99, 142)
(9, 100, 141)
(9, 101, 140)
(9, 102, 139)
(9, 103, 138)
(9, 104, 137)
(9, 105, 136)
(9, 106, 135)
(9, 107, 134)
(9, 108, 133)
(9, 109, 132)
(9, 110, 131)
(9, 111, 130)
(9, 112, 129)
(9, 113, 128)
(9, 114, 127)
(9, 115, 126)
(9, 116, 125)
(9, 117, 124)
(9, 118, 123)
(9, 119, 122)
(9, 120, 121)
(9, 121, 120)
(9, 122, 119)
(9, 123, 118)
(9, 124, 117)
(9, 125, 116)
(9, 126, 115)
(9, 127, 114)
(9, 128, 113)
(9, 129, 112)
(9, 130, 111)

(9, 131, 110)
(9, 132, 109)
(9, 133, 108)
(9, 134, 107)
(9, 135, 106)
(9, 136, 105)
(9, 137, 104)
(9, 138, 103)
(9, 139, 102)
(9, 140, 101)
(9, 141, 100)
(9, 142, 99)
(9, 143, 98)
(9, 144, 97)
(9, 145, 96)
(9, 146, 95)
(9, 147, 94)
(9, 148, 93)
(9, 149, 92)
(9, 150, 91)
(9, 151, 90)
(9, 152, 89)
(9, 153, 88)
(9, 154, 87)
(9, 155, 86)
(9, 156, 85)
(9, 157, 84)
(9, 158, 83)
(9, 159, 82)
(9, 160, 81)
(9, 161, 80)
(9, 162, 79)
(9, 163, 78)
(9, 164, 77)
(9, 165, 76)
(9, 166, 75)
(9, 167, 74)
(9, 168, 73)
(9, 169, 72)
(9, 170, 71)
(9, 171, 70)
(9, 172, 69)
(9, 173, 68)
(9, 174, 67)
(9, 175, 66)
(9, 176, 65)
(9, 177, 64)
(9, 178, 63)

(9, 179, 62)
(9, 180, 61)
(9, 181, 60)
(9, 182, 59)
(9, 183, 58)
(9, 184, 57)
(9, 185, 56)
(9, 186, 55)
(9, 187, 54)
(9, 188, 53)
(9, 189, 52)
(9, 190, 51)
(9, 191, 50)
(9, 192, 49)
(9, 193, 48)
(9, 194, 47)
(9, 195, 46)
(9, 196, 45)
(9, 197, 44)
(9, 198, 43)
(9, 199, 42)
(9, 200, 41)
(9, 201, 40)
(9, 202, 39)
(9, 203, 38)
(9, 204, 37)
(9, 205, 36)
(9, 206, 35)
(9, 207, 34)
(9, 208, 33)
(9, 209, 32)
(9, 210, 31)
(9, 211, 30)
(9, 212, 29)
(9, 213, 28)
(9, 214, 27)
(9, 215, 26)
(9, 216, 25)
(9, 217, 24)
(9, 218, 23)
(9, 219, 22)
(9, 220, 21)
(9, 221, 20)
(9, 222, 19)
(9, 223, 18)
(9, 224, 17)
(9, 225, 16)
(9, 226, 15)

(9, 227, 14)
(9, 228, 13)
(9, 229, 12)
(9, 230, 11)
(9, 231, 10)
(9, 232, 9)
(9, 233, 8)
(9, 234, 7)
(9, 235, 6)
(9, 236, 5)
(9, 237, 4)
(9, 238, 3)
(9, 239, 2)
(9, 240, 1)
(9, 241, 0)
(10, 0, 240)
(10, 1, 239)
(10, 2, 238)
(10, 3, 237)
(10, 4, 236)
(10, 5, 235)
(10, 6, 234)
(10, 7, 233)
(10, 8, 232)
(10, 9, 231)
(10, 10, 230)
(10, 11, 229)
(10, 12, 228)
(10, 13, 227)
(10, 14, 226)
(10, 15, 225)
(10, 16, 224)
(10, 17, 223)
(10, 18, 222)
(10, 19, 221)
(10, 20, 220)
(10, 21, 219)
(10, 22, 218)
(10, 23, 217)
(10, 24, 216)
(10, 25, 215)
(10, 26, 214)
(10, 27, 213)
(10, 28, 212)
(10, 29, 211)
(10, 30, 210)
(10, 31, 209)
(10, 32, 208)

(10, 33, 207)
(10, 34, 206)
(10, 35, 205)
(10, 36, 204)
(10, 37, 203)
(10, 38, 202)
(10, 39, 201)
(10, 40, 200)
(10, 41, 199)
(10, 42, 198)
(10, 43, 197)
(10, 44, 196)
(10, 45, 195)
(10, 46, 194)
(10, 47, 193)
(10, 48, 192)
(10, 49, 191)
(10, 50, 190)
(10, 51, 189)
(10, 52, 188)
(10, 53, 187)
(10, 54, 186)
(10, 55, 185)
(10, 56, 184)
(10, 57, 183)
(10, 58, 182)
(10, 59, 181)
(10, 60, 180)
(10, 61, 179)
(10, 62, 178)
(10, 63, 177)
(10, 64, 176)
(10, 65, 175)
(10, 66, 174)
(10, 67, 173)
(10, 68, 172)
(10, 69, 171)
(10, 70, 170)
(10, 71, 169)
(10, 72, 168)
(10, 73, 167)
(10, 74, 166)
(10, 75, 165)
(10, 76, 164)
(10, 77, 163)
(10, 78, 162)
(10, 79, 161)
(10, 80, 160)

(10, 81, 159)
(10, 82, 158)
(10, 83, 157)
(10, 84, 156)
(10, 85, 155)
(10, 86, 154)
(10, 87, 153)
(10, 88, 152)
(10, 89, 151)
(10, 90, 150)
(10, 91, 149)
(10, 92, 148)
(10, 93, 147)
(10, 94, 146)
(10, 95, 145)
(10, 96, 144)
(10, 97, 143)
(10, 98, 142)
(10, 99, 141)
(10, 100, 140)
(10, 101, 139)
(10, 102, 138)
(10, 103, 137)
(10, 104, 136)
(10, 105, 135)
(10, 106, 134)
(10, 107, 133)
(10, 108, 132)
(10, 109, 131)
(10, 110, 130)
(10, 111, 129)
(10, 112, 128)
(10, 113, 127)
(10, 114, 126)
(10, 115, 125)
(10, 116, 124)
(10, 117, 123)
(10, 118, 122)
(10, 119, 121)
(10, 120, 120)
(10, 121, 119)
(10, 122, 118)
(10, 123, 117)
(10, 124, 116)
(10, 125, 115)
(10, 126, 114)
(10, 127, 113)
(10, 128, 112)

(10, 129, 111)
(10, 130, 110)
(10, 131, 109)
(10, 132, 108)
(10, 133, 107)
(10, 134, 106)
(10, 135, 105)
(10, 136, 104)
(10, 137, 103)
(10, 138, 102)
(10, 139, 101)
(10, 140, 100)
(10, 141, 99)
(10, 142, 98)
(10, 143, 97)
(10, 144, 96)
(10, 145, 95)
(10, 146, 94)
(10, 147, 93)
(10, 148, 92)
(10, 149, 91)
(10, 150, 90)
(10, 151, 89)
(10, 152, 88)
(10, 153, 87)
(10, 154, 86)
(10, 155, 85)
(10, 156, 84)
(10, 157, 83)
(10, 158, 82)
(10, 159, 81)
(10, 160, 80)
(10, 161, 79)
(10, 162, 78)
(10, 163, 77)
(10, 164, 76)
(10, 165, 75)
(10, 166, 74)
(10, 167, 73)
(10, 168, 72)
(10, 169, 71)
(10, 170, 70)
(10, 171, 69)
(10, 172, 68)
(10, 173, 67)
(10, 174, 66)
(10, 175, 65)
(10, 176, 64)

(10, 177, 63)
(10, 178, 62)
(10, 179, 61)
(10, 180, 60)
(10, 181, 59)
(10, 182, 58)
(10, 183, 57)
(10, 184, 56)
(10, 185, 55)
(10, 186, 54)
(10, 187, 53)
(10, 188, 52)
(10, 189, 51)
(10, 190, 50)
(10, 191, 49)
(10, 192, 48)
(10, 193, 47)
(10, 194, 46)
(10, 195, 45)
(10, 196, 44)
(10, 197, 43)
(10, 198, 42)
(10, 199, 41)
(10, 200, 40)
(10, 201, 39)
(10, 202, 38)
(10, 203, 37)
(10, 204, 36)
(10, 205, 35)
(10, 206, 34)
(10, 207, 33)
(10, 208, 32)
(10, 209, 31)
(10, 210, 30)
(10, 211, 29)
(10, 212, 28)
(10, 213, 27)
(10, 214, 26)
(10, 215, 25)
(10, 216, 24)
(10, 217, 23)
(10, 218, 22)
(10, 219, 21)
(10, 220, 20)
(10, 221, 19)
(10, 222, 18)
(10, 223, 17)
(10, 224, 16)

(10, 225, 15)
(10, 226, 14)
(10, 227, 13)
(10, 228, 12)
(10, 229, 11)
(10, 230, 10)
(10, 231, 9)
(10, 232, 8)
(10, 233, 7)
(10, 234, 6)
(10, 235, 5)
(10, 236, 4)
(10, 237, 3)
(10, 238, 2)
(10, 239, 1)
(10, 240, 0)
(11, 0, 239)
(11, 1, 238)
(11, 2, 237)
(11, 3, 236)
(11, 4, 235)
(11, 5, 234)
(11, 6, 233)
(11, 7, 232)
(11, 8, 231)
(11, 9, 230)
(11, 10, 229)
(11, 11, 228)
(11, 12, 227)
(11, 13, 226)
(11, 14, 225)
(11, 15, 224)
(11, 16, 223)
(11, 17, 222)
(11, 18, 221)
(11, 19, 220)
(11, 20, 219)
(11, 21, 218)
(11, 22, 217)
(11, 23, 216)
(11, 24, 215)
(11, 25, 214)
(11, 26, 213)
(11, 27, 212)
(11, 28, 211)
(11, 29, 210)
(11, 30, 209)
(11, 31, 208)

(11, 32, 207)
(11, 33, 206)
(11, 34, 205)
(11, 35, 204)
(11, 36, 203)
(11, 37, 202)
(11, 38, 201)
(11, 39, 200)
(11, 40, 199)
(11, 41, 198)
(11, 42, 197)
(11, 43, 196)
(11, 44, 195)
(11, 45, 194)
(11, 46, 193)
(11, 47, 192)
(11, 48, 191)
(11, 49, 190)
(11, 50, 189)
(11, 51, 188)
(11, 52, 187)
(11, 53, 186)
(11, 54, 185)
(11, 55, 184)
(11, 56, 183)
(11, 57, 182)
(11, 58, 181)
(11, 59, 180)
(11, 60, 179)
(11, 61, 178)
(11, 62, 177)
(11, 63, 176)
(11, 64, 175)
(11, 65, 174)
(11, 66, 173)
(11, 67, 172)
(11, 68, 171)
(11, 69, 170)
(11, 70, 169)
(11, 71, 168)
(11, 72, 167)
(11, 73, 166)
(11, 74, 165)
(11, 75, 164)
(11, 76, 163)
(11, 77, 162)
(11, 78, 161)
(11, 79, 160)

(11, 80, 159)
(11, 81, 158)
(11, 82, 157)
(11, 83, 156)
(11, 84, 155)
(11, 85, 154)
(11, 86, 153)
(11, 87, 152)
(11, 88, 151)
(11, 89, 150)
(11, 90, 149)
(11, 91, 148)
(11, 92, 147)
(11, 93, 146)
(11, 94, 145)
(11, 95, 144)
(11, 96, 143)
(11, 97, 142)
(11, 98, 141)
(11, 99, 140)
(11, 100, 139)
(11, 101, 138)
(11, 102, 137)
(11, 103, 136)
(11, 104, 135)
(11, 105, 134)
(11, 106, 133)
(11, 107, 132)
(11, 108, 131)
(11, 109, 130)
(11, 110, 129)
(11, 111, 128)
(11, 112, 127)
(11, 113, 126)
(11, 114, 125)
(11, 115, 124)
(11, 116, 123)
(11, 117, 122)
(11, 118, 121)
(11, 119, 120)
(11, 120, 119)
(11, 121, 118)
(11, 122, 117)
(11, 123, 116)
(11, 124, 115)
(11, 125, 114)
(11, 126, 113)
(11, 127, 112)

(11, 128, 111)
(11, 129, 110)
(11, 130, 109)
(11, 131, 108)
(11, 132, 107)
(11, 133, 106)
(11, 134, 105)
(11, 135, 104)
(11, 136, 103)
(11, 137, 102)
(11, 138, 101)
(11, 139, 100)
(11, 140, 99)
(11, 141, 98)
(11, 142, 97)
(11, 143, 96)
(11, 144, 95)
(11, 145, 94)
(11, 146, 93)
(11, 147, 92)
(11, 148, 91)
(11, 149, 90)
(11, 150, 89)
(11, 151, 88)
(11, 152, 87)
(11, 153, 86)
(11, 154, 85)
(11, 155, 84)
(11, 156, 83)
(11, 157, 82)
(11, 158, 81)
(11, 159, 80)
(11, 160, 79)
(11, 161, 78)
(11, 162, 77)
(11, 163, 76)
(11, 164, 75)
(11, 165, 74)
(11, 166, 73)
(11, 167, 72)
(11, 168, 71)
(11, 169, 70)
(11, 170, 69)
(11, 171, 68)
(11, 172, 67)
(11, 173, 66)
(11, 174, 65)
(11, 175, 64)

(11, 176, 63)
(11, 177, 62)
(11, 178, 61)
(11, 179, 60)
(11, 180, 59)
(11, 181, 58)
(11, 182, 57)
(11, 183, 56)
(11, 184, 55)
(11, 185, 54)
(11, 186, 53)
(11, 187, 52)
(11, 188, 51)
(11, 189, 50)
(11, 190, 49)
(11, 191, 48)
(11, 192, 47)
(11, 193, 46)
(11, 194, 45)
(11, 195, 44)
(11, 196, 43)
(11, 197, 42)
(11, 198, 41)
(11, 199, 40)
(11, 200, 39)
(11, 201, 38)
(11, 202, 37)
(11, 203, 36)
(11, 204, 35)
(11, 205, 34)
(11, 206, 33)
(11, 207, 32)
(11, 208, 31)
(11, 209, 30)
(11, 210, 29)
(11, 211, 28)
(11, 212, 27)
(11, 213, 26)
(11, 214, 25)
(11, 215, 24)
(11, 216, 23)
(11, 217, 22)
(11, 218, 21)
(11, 219, 20)
(11, 220, 19)
(11, 221, 18)
(11, 222, 17)
(11, 223, 16)

(11, 224, 15)
(11, 225, 14)
(11, 226, 13)
(11, 227, 12)
(11, 228, 11)
(11, 229, 10)
(11, 230, 9)
(11, 231, 8)
(11, 232, 7)
(11, 233, 6)
(11, 234, 5)
(11, 235, 4)
(11, 236, 3)
(11, 237, 2)
(11, 238, 1)
(11, 239, 0)
(12, 0, 238)
(12, 1, 237)
(12, 2, 236)
(12, 3, 235)
(12, 4, 234)
(12, 5, 233)
(12, 6, 232)
(12, 7, 231)
(12, 8, 230)
(12, 9, 229)
(12, 10, 228)
(12, 11, 227)
(12, 12, 226)
(12, 13, 225)
(12, 14, 224)
(12, 15, 223)
(12, 16, 222)
(12, 17, 221)
(12, 18, 220)
(12, 19, 219)
(12, 20, 218)
(12, 21, 217)
(12, 22, 216)
(12, 23, 215)
(12, 24, 214)
(12, 25, 213)
(12, 26, 212)
(12, 27, 211)
(12, 28, 210)
(12, 29, 209)
(12, 30, 208)
(12, 31, 207)

(12, 32, 206)
(12, 33, 205)
(12, 34, 204)
(12, 35, 203)
(12, 36, 202)
(12, 37, 201)
(12, 38, 200)
(12, 39, 199)
(12, 40, 198)
(12, 41, 197)
(12, 42, 196)
(12, 43, 195)
(12, 44, 194)
(12, 45, 193)
(12, 46, 192)
(12, 47, 191)
(12, 48, 190)
(12, 49, 189)
(12, 50, 188)
(12, 51, 187)
(12, 52, 186)
(12, 53, 185)
(12, 54, 184)
(12, 55, 183)
(12, 56, 182)
(12, 57, 181)
(12, 58, 180)
(12, 59, 179)
(12, 60, 178)
(12, 61, 177)
(12, 62, 176)
(12, 63, 175)
(12, 64, 174)
(12, 65, 173)
(12, 66, 172)
(12, 67, 171)
(12, 68, 170)
(12, 69, 169)
(12, 70, 168)
(12, 71, 167)
(12, 72, 166)
(12, 73, 165)
(12, 74, 164)
(12, 75, 163)
(12, 76, 162)
(12, 77, 161)
(12, 78, 160)
(12, 79, 159)

(12, 80, 158)
(12, 81, 157)
(12, 82, 156)
(12, 83, 155)
(12, 84, 154)
(12, 85, 153)
(12, 86, 152)
(12, 87, 151)
(12, 88, 150)
(12, 89, 149)
(12, 90, 148)
(12, 91, 147)
(12, 92, 146)
(12, 93, 145)
(12, 94, 144)
(12, 95, 143)
(12, 96, 142)
(12, 97, 141)
(12, 98, 140)
(12, 99, 139)
(12, 100, 138)
(12, 101, 137)
(12, 102, 136)
(12, 103, 135)
(12, 104, 134)
(12, 105, 133)
(12, 106, 132)
(12, 107, 131)
(12, 108, 130)
(12, 109, 129)
(12, 110, 128)
(12, 111, 127)
(12, 112, 126)
(12, 113, 125)
(12, 114, 124)
(12, 115, 123)
(12, 116, 122)
(12, 117, 121)
(12, 118, 120)
(12, 119, 119)
(12, 120, 118)
(12, 121, 117)
(12, 122, 116)
(12, 123, 115)
(12, 124, 114)
(12, 125, 113)
(12, 126, 112)
(12, 127, 111)

(12, 128, 110)
(12, 129, 109)
(12, 130, 108)
(12, 131, 107)
(12, 132, 106)
(12, 133, 105)
(12, 134, 104)
(12, 135, 103)
(12, 136, 102)
(12, 137, 101)
(12, 138, 100)
(12, 139, 99)
(12, 140, 98)
(12, 141, 97)
(12, 142, 96)
(12, 143, 95)
(12, 144, 94)
(12, 145, 93)
(12, 146, 92)
(12, 147, 91)
(12, 148, 90)
(12, 149, 89)
(12, 150, 88)
(12, 151, 87)
(12, 152, 86)
(12, 153, 85)
(12, 154, 84)
(12, 155, 83)
(12, 156, 82)
(12, 157, 81)
(12, 158, 80)
(12, 159, 79)
(12, 160, 78)
(12, 161, 77)
(12, 162, 76)
(12, 163, 75)
(12, 164, 74)
(12, 165, 73)
(12, 166, 72)
(12, 167, 71)
(12, 168, 70)
(12, 169, 69)
(12, 170, 68)
(12, 171, 67)
(12, 172, 66)
(12, 173, 65)
(12, 174, 64)
(12, 175, 63)

(12, 176, 62)
(12, 177, 61)
(12, 178, 60)
(12, 179, 59)
(12, 180, 58)
(12, 181, 57)
(12, 182, 56)
(12, 183, 55)
(12, 184, 54)
(12, 185, 53)
(12, 186, 52)
(12, 187, 51)
(12, 188, 50)
(12, 189, 49)
(12, 190, 48)
(12, 191, 47)
(12, 192, 46)
(12, 193, 45)
(12, 194, 44)
(12, 195, 43)
(12, 196, 42)
(12, 197, 41)
(12, 198, 40)
(12, 199, 39)
(12, 200, 38)
(12, 201, 37)
(12, 202, 36)
(12, 203, 35)
(12, 204, 34)
(12, 205, 33)
(12, 206, 32)
(12, 207, 31)
(12, 208, 30)
(12, 209, 29)
(12, 210, 28)
(12, 211, 27)
(12, 212, 26)
(12, 213, 25)
(12, 214, 24)
(12, 215, 23)
(12, 216, 22)
(12, 217, 21)
(12, 218, 20)
(12, 219, 19)
(12, 220, 18)
(12, 221, 17)
(12, 222, 16)
(12, 223, 15)

(12, 224, 14)
(12, 225, 13)
(12, 226, 12)
(12, 227, 11)
(12, 228, 10)
(12, 229, 9)
(12, 230, 8)
(12, 231, 7)
(12, 232, 6)
(12, 233, 5)
(12, 234, 4)
(12, 235, 3)
(12, 236, 2)
(12, 237, 1)
(12, 238, 0)
(13, 0, 237)
(13, 1, 236)
(13, 2, 235)
(13, 3, 234)
(13, 4, 233)
(13, 5, 232)
(13, 6, 231)
(13, 7, 230)
(13, 8, 229)
(13, 9, 228)
(13, 10, 227)
(13, 11, 226)
(13, 12, 225)
(13, 13, 224)
(13, 14, 223)
(13, 15, 222)
(13, 16, 221)
(13, 17, 220)
(13, 18, 219)
(13, 19, 218)
(13, 20, 217)
(13, 21, 216)
(13, 22, 215)
(13, 23, 214)
(13, 24, 213)
(13, 25, 212)
(13, 26, 211)
(13, 27, 210)
(13, 28, 209)
(13, 29, 208)
(13, 30, 207)
(13, 31, 206)
(13, 32, 205)

(13, 33, 204)
(13, 34, 203)
(13, 35, 202)
(13, 36, 201)
(13, 37, 200)
(13, 38, 199)
(13, 39, 198)
(13, 40, 197)
(13, 41, 196)
(13, 42, 195)
(13, 43, 194)
(13, 44, 193)
(13, 45, 192)
(13, 46, 191)
(13, 47, 190)
(13, 48, 189)
(13, 49, 188)
(13, 50, 187)
(13, 51, 186)
(13, 52, 185)
(13, 53, 184)
(13, 54, 183)
(13, 55, 182)
(13, 56, 181)
(13, 57, 180)
(13, 58, 179)
(13, 59, 178)
(13, 60, 177)
(13, 61, 176)
(13, 62, 175)
(13, 63, 174)
(13, 64, 173)
(13, 65, 172)
(13, 66, 171)
(13, 67, 170)
(13, 68, 169)
(13, 69, 168)
(13, 70, 167)
(13, 71, 166)
(13, 72, 165)
(13, 73, 164)
(13, 74, 163)
(13, 75, 162)
(13, 76, 161)
(13, 77, 160)
(13, 78, 159)
(13, 79, 158)
(13, 80, 157)

(13, 81, 156)
(13, 82, 155)
(13, 83, 154)
(13, 84, 153)
(13, 85, 152)
(13, 86, 151)
(13, 87, 150)
(13, 88, 149)
(13, 89, 148)
(13, 90, 147)
(13, 91, 146)
(13, 92, 145)
(13, 93, 144)
(13, 94, 143)
(13, 95, 142)
(13, 96, 141)
(13, 97, 140)
(13, 98, 139)
(13, 99, 138)
(13, 100, 137)
(13, 101, 136)
(13, 102, 135)
(13, 103, 134)
(13, 104, 133)
(13, 105, 132)
(13, 106, 131)
(13, 107, 130)
(13, 108, 129)
(13, 109, 128)
(13, 110, 127)
(13, 111, 126)
(13, 112, 125)
(13, 113, 124)
(13, 114, 123)
(13, 115, 122)
(13, 116, 121)
(13, 117, 120)
(13, 118, 119)
(13, 119, 118)
(13, 120, 117)
(13, 121, 116)
(13, 122, 115)
(13, 123, 114)
(13, 124, 113)
(13, 125, 112)
(13, 126, 111)
(13, 127, 110)
(13, 128, 109)

(13, 129, 108)
(13, 130, 107)
(13, 131, 106)
(13, 132, 105)
(13, 133, 104)
(13, 134, 103)
(13, 135, 102)
(13, 136, 101)
(13, 137, 100)
(13, 138, 99)
(13, 139, 98)
(13, 140, 97)
(13, 141, 96)
(13, 142, 95)
(13, 143, 94)
(13, 144, 93)
(13, 145, 92)
(13, 146, 91)
(13, 147, 90)
(13, 148, 89)
(13, 149, 88)
(13, 150, 87)
(13, 151, 86)
(13, 152, 85)
(13, 153, 84)
(13, 154, 83)
(13, 155, 82)
(13, 156, 81)
(13, 157, 80)
(13, 158, 79)
(13, 159, 78)
(13, 160, 77)
(13, 161, 76)
(13, 162, 75)
(13, 163, 74)
(13, 164, 73)
(13, 165, 72)
(13, 166, 71)
(13, 167, 70)
(13, 168, 69)
(13, 169, 68)
(13, 170, 67)
(13, 171, 66)
(13, 172, 65)
(13, 173, 64)
(13, 174, 63)
(13, 175, 62)
(13, 176, 61)

(13, 177, 60)
(13, 178, 59)
(13, 179, 58)
(13, 180, 57)
(13, 181, 56)
(13, 182, 55)
(13, 183, 54)
(13, 184, 53)
(13, 185, 52)
(13, 186, 51)
(13, 187, 50)
(13, 188, 49)
(13, 189, 48)
(13, 190, 47)
(13, 191, 46)
(13, 192, 45)
(13, 193, 44)
(13, 194, 43)
(13, 195, 42)
(13, 196, 41)
(13, 197, 40)
(13, 198, 39)
(13, 199, 38)
(13, 200, 37)
(13, 201, 36)
(13, 202, 35)
(13, 203, 34)
(13, 204, 33)
(13, 205, 32)
(13, 206, 31)
(13, 207, 30)
(13, 208, 29)
(13, 209, 28)
(13, 210, 27)
(13, 211, 26)
(13, 212, 25)
(13, 213, 24)
(13, 214, 23)
(13, 215, 22)
(13, 216, 21)
(13, 217, 20)
(13, 218, 19)
(13, 219, 18)
(13, 220, 17)
(13, 221, 16)
(13, 222, 15)
(13, 223, 14)
(13, 224, 13)

(13, 225, 12)
(13, 226, 11)
(13, 227, 10)
(13, 228, 9)
(13, 229, 8)
(13, 230, 7)
(13, 231, 6)
(13, 232, 5)
(13, 233, 4)
(13, 234, 3)
(13, 235, 2)
(13, 236, 1)
(13, 237, 0)
(14, 0, 236)
(14, 1, 235)
(14, 2, 234)
(14, 3, 233)
(14, 4, 232)
(14, 5, 231)
(14, 6, 230)
(14, 7, 229)
(14, 8, 228)
(14, 9, 227)
(14, 10, 226)
(14, 11, 225)
(14, 12, 224)
(14, 13, 223)
(14, 14, 222)
(14, 15, 221)
(14, 16, 220)
(14, 17, 219)
(14, 18, 218)
(14, 19, 217)
(14, 20, 216)
(14, 21, 215)
(14, 22, 214)
(14, 23, 213)
(14, 24, 212)
(14, 25, 211)
(14, 26, 210)
(14, 27, 209)
(14, 28, 208)
(14, 29, 207)
(14, 30, 206)
(14, 31, 205)
(14, 32, 204)
(14, 33, 203)
(14, 34, 202)

(14, 35, 201)
(14, 36, 200)
(14, 37, 199)
(14, 38, 198)
(14, 39, 197)
(14, 40, 196)
(14, 41, 195)
(14, 42, 194)
(14, 43, 193)
(14, 44, 192)
(14, 45, 191)
(14, 46, 190)
(14, 47, 189)
(14, 48, 188)
(14, 49, 187)
(14, 50, 186)
(14, 51, 185)
(14, 52, 184)
(14, 53, 183)
(14, 54, 182)
(14, 55, 181)
(14, 56, 180)
(14, 57, 179)
(14, 58, 178)
(14, 59, 177)
(14, 60, 176)
(14, 61, 175)
(14, 62, 174)
(14, 63, 173)
(14, 64, 172)
(14, 65, 171)
(14, 66, 170)
(14, 67, 169)
(14, 68, 168)
(14, 69, 167)
(14, 70, 166)
(14, 71, 165)
(14, 72, 164)
(14, 73, 163)
(14, 74, 162)
(14, 75, 161)
(14, 76, 160)
(14, 77, 159)
(14, 78, 158)
(14, 79, 157)
(14, 80, 156)
(14, 81, 155)
(14, 82, 154)

(14, 83, 153)
(14, 84, 152)
(14, 85, 151)
(14, 86, 150)
(14, 87, 149)
(14, 88, 148)
(14, 89, 147)
(14, 90, 146)
(14, 91, 145)
(14, 92, 144)
(14, 93, 143)
(14, 94, 142)
(14, 95, 141)
(14, 96, 140)
(14, 97, 139)
(14, 98, 138)
(14, 99, 137)
(14, 100, 136)
(14, 101, 135)
(14, 102, 134)
(14, 103, 133)
(14, 104, 132)
(14, 105, 131)
(14, 106, 130)
(14, 107, 129)
(14, 108, 128)
(14, 109, 127)
(14, 110, 126)
(14, 111, 125)
(14, 112, 124)
(14, 113, 123)
(14, 114, 122)
(14, 115, 121)
(14, 116, 120)
(14, 117, 119)
(14, 118, 118)
(14, 119, 117)
(14, 120, 116)
(14, 121, 115)
(14, 122, 114)
(14, 123, 113)
(14, 124, 112)
(14, 125, 111)
(14, 126, 110)
(14, 127, 109)
(14, 128, 108)
(14, 129, 107)
(14, 130, 106)

(14, 131, 105)
(14, 132, 104)
(14, 133, 103)
(14, 134, 102)
(14, 135, 101)
(14, 136, 100)
(14, 137, 99)
(14, 138, 98)
(14, 139, 97)
(14, 140, 96)
(14, 141, 95)
(14, 142, 94)
(14, 143, 93)
(14, 144, 92)
(14, 145, 91)
(14, 146, 90)
(14, 147, 89)
(14, 148, 88)
(14, 149, 87)
(14, 150, 86)
(14, 151, 85)
(14, 152, 84)
(14, 153, 83)
(14, 154, 82)
(14, 155, 81)
(14, 156, 80)
(14, 157, 79)
(14, 158, 78)
(14, 159, 77)
(14, 160, 76)
(14, 161, 75)
(14, 162, 74)
(14, 163, 73)
(14, 164, 72)
(14, 165, 71)
(14, 166, 70)
(14, 167, 69)
(14, 168, 68)
(14, 169, 67)
(14, 170, 66)
(14, 171, 65)
(14, 172, 64)
(14, 173, 63)
(14, 174, 62)
(14, 175, 61)
(14, 176, 60)
(14, 177, 59)
(14, 178, 58)

(14, 179, 57)
(14, 180, 56)
(14, 181, 55)
(14, 182, 54)
(14, 183, 53)
(14, 184, 52)
(14, 185, 51)
(14, 186, 50)
(14, 187, 49)
(14, 188, 48)
(14, 189, 47)
(14, 190, 46)
(14, 191, 45)
(14, 192, 44)
(14, 193, 43)
(14, 194, 42)
(14, 195, 41)
(14, 196, 40)
(14, 197, 39)
(14, 198, 38)
(14, 199, 37)
(14, 200, 36)
(14, 201, 35)
(14, 202, 34)
(14, 203, 33)
(14, 204, 32)
(14, 205, 31)
(14, 206, 30)
(14, 207, 29)
(14, 208, 28)
(14, 209, 27)
(14, 210, 26)
(14, 211, 25)
(14, 212, 24)
(14, 213, 23)
(14, 214, 22)
(14, 215, 21)
(14, 216, 20)
(14, 217, 19)
(14, 218, 18)
(14, 219, 17)
(14, 220, 16)
(14, 221, 15)
(14, 222, 14)
(14, 223, 13)
(14, 224, 12)
(14, 225, 11)
(14, 226, 10)

(14, 227, 9)
(14, 228, 8)
(14, 229, 7)
(14, 230, 6)
(14, 231, 5)
(14, 232, 4)
(14, 233, 3)
(14, 234, 2)
(14, 235, 1)
(14, 236, 0)
(15, 0, 235)
(15, 1, 234)
(15, 2, 233)
(15, 3, 232)
(15, 4, 231)
(15, 5, 230)
(15, 6, 229)
(15, 7, 228)
(15, 8, 227)
(15, 9, 226)
(15, 10, 225)
(15, 11, 224)
(15, 12, 223)
(15, 13, 222)
(15, 14, 221)
(15, 15, 220)
(15, 16, 219)
(15, 17, 218)
(15, 18, 217)
(15, 19, 216)
(15, 20, 215)
(15, 21, 214)
(15, 22, 213)
(15, 23, 212)
(15, 24, 211)
(15, 25, 210)
(15, 26, 209)
(15, 27, 208)
(15, 28, 207)
(15, 29, 206)
(15, 30, 205)
(15, 31, 204)
(15, 32, 203)
(15, 33, 202)
(15, 34, 201)
(15, 35, 200)
(15, 36, 199)
(15, 37, 198)

(15, 38, 197)
(15, 39, 196)
(15, 40, 195)
(15, 41, 194)
(15, 42, 193)
(15, 43, 192)
(15, 44, 191)
(15, 45, 190)
(15, 46, 189)
(15, 47, 188)
(15, 48, 187)
(15, 49, 186)
(15, 50, 185)
(15, 51, 184)
(15, 52, 183)
(15, 53, 182)
(15, 54, 181)
(15, 55, 180)
(15, 56, 179)
(15, 57, 178)
(15, 58, 177)
(15, 59, 176)
(15, 60, 175)
(15, 61, 174)
(15, 62, 173)
(15, 63, 172)
(15, 64, 171)
(15, 65, 170)
(15, 66, 169)
(15, 67, 168)
(15, 68, 167)
(15, 69, 166)
(15, 70, 165)
(15, 71, 164)
(15, 72, 163)
(15, 73, 162)
(15, 74, 161)
(15, 75, 160)
(15, 76, 159)
(15, 77, 158)
(15, 78, 157)
(15, 79, 156)
(15, 80, 155)
(15, 81, 154)
(15, 82, 153)
(15, 83, 152)
(15, 84, 151)
(15, 85, 150)

(15, 86, 149)
(15, 87, 148)
(15, 88, 147)
(15, 89, 146)
(15, 90, 145)
(15, 91, 144)
(15, 92, 143)
(15, 93, 142)
(15, 94, 141)
(15, 95, 140)
(15, 96, 139)
(15, 97, 138)
(15, 98, 137)
(15, 99, 136)
(15, 100, 135)
(15, 101, 134)
(15, 102, 133)
(15, 103, 132)
(15, 104, 131)
(15, 105, 130)
(15, 106, 129)
(15, 107, 128)
(15, 108, 127)
(15, 109, 126)
(15, 110, 125)
(15, 111, 124)
(15, 112, 123)
(15, 113, 122)
(15, 114, 121)
(15, 115, 120)
(15, 116, 119)
(15, 117, 118)
(15, 118, 117)
(15, 119, 116)
(15, 120, 115)
(15, 121, 114)
(15, 122, 113)
(15, 123, 112)
(15, 124, 111)
(15, 125, 110)
(15, 126, 109)
(15, 127, 108)
(15, 128, 107)
(15, 129, 106)
(15, 130, 105)
(15, 131, 104)
(15, 132, 103)
(15, 133, 102)

(15, 134, 101)
(15, 135, 100)
(15, 136, 99)
(15, 137, 98)
(15, 138, 97)
(15, 139, 96)
(15, 140, 95)
(15, 141, 94)
(15, 142, 93)
(15, 143, 92)
(15, 144, 91)
(15, 145, 90)
(15, 146, 89)
(15, 147, 88)
(15, 148, 87)
(15, 149, 86)
(15, 150, 85)
(15, 151, 84)
(15, 152, 83)
(15, 153, 82)
(15, 154, 81)
(15, 155, 80)
(15, 156, 79)
(15, 157, 78)
(15, 158, 77)
(15, 159, 76)
(15, 160, 75)
(15, 161, 74)
(15, 162, 73)
(15, 163, 72)
(15, 164, 71)
(15, 165, 70)
(15, 166, 69)
(15, 167, 68)
(15, 168, 67)
(15, 169, 66)
(15, 170, 65)
(15, 171, 64)
(15, 172, 63)
(15, 173, 62)
(15, 174, 61)
(15, 175, 60)
(15, 176, 59)
(15, 177, 58)
(15, 178, 57)
(15, 179, 56)
(15, 180, 55)
(15, 181, 54)

(15, 182, 53)
(15, 183, 52)
(15, 184, 51)
(15, 185, 50)
(15, 186, 49)
(15, 187, 48)
(15, 188, 47)
(15, 189, 46)
(15, 190, 45)
(15, 191, 44)
(15, 192, 43)
(15, 193, 42)
(15, 194, 41)
(15, 195, 40)
(15, 196, 39)
(15, 197, 38)
(15, 198, 37)
(15, 199, 36)
(15, 200, 35)
(15, 201, 34)
(15, 202, 33)
(15, 203, 32)
(15, 204, 31)
(15, 205, 30)
(15, 206, 29)
(15, 207, 28)
(15, 208, 27)
(15, 209, 26)
(15, 210, 25)
(15, 211, 24)
(15, 212, 23)
(15, 213, 22)
(15, 214, 21)
(15, 215, 20)
(15, 216, 19)
(15, 217, 18)
(15, 218, 17)
(15, 219, 16)
(15, 220, 15)
(15, 221, 14)
(15, 222, 13)
(15, 223, 12)
(15, 224, 11)
(15, 225, 10)
(15, 226, 9)
(15, 227, 8)
(15, 228, 7)
(15, 229, 6)

(15, 230, 5)
(15, 231, 4)
(15, 232, 3)
(15, 233, 2)
(15, 234, 1)
(15, 235, 0)
(16, 0, 234)
(16, 1, 233)
(16, 2, 232)
(16, 3, 231)
(16, 4, 230)
(16, 5, 229)
(16, 6, 228)
(16, 7, 227)
(16, 8, 226)
(16, 9, 225)
(16, 10, 224)
(16, 11, 223)
(16, 12, 222)
(16, 13, 221)
(16, 14, 220)
(16, 15, 219)
(16, 16, 218)
(16, 17, 217)
(16, 18, 216)
(16, 19, 215)
(16, 20, 214)
(16, 21, 213)
(16, 22, 212)
(16, 23, 211)
(16, 24, 210)
(16, 25, 209)
(16, 26, 208)
(16, 27, 207)
(16, 28, 206)
(16, 29, 205)
(16, 30, 204)
(16, 31, 203)
(16, 32, 202)
(16, 33, 201)
(16, 34, 200)
(16, 35, 199)
(16, 36, 198)
(16, 37, 197)
(16, 38, 196)
(16, 39, 195)
(16, 40, 194)
(16, 41, 193)

(16, 42, 192)
(16, 43, 191)
(16, 44, 190)
(16, 45, 189)
(16, 46, 188)
(16, 47, 187)
(16, 48, 186)
(16, 49, 185)
(16, 50, 184)
(16, 51, 183)
(16, 52, 182)
(16, 53, 181)
(16, 54, 180)
(16, 55, 179)
(16, 56, 178)
(16, 57, 177)
(16, 58, 176)
(16, 59, 175)
(16, 60, 174)
(16, 61, 173)
(16, 62, 172)
(16, 63, 171)
(16, 64, 170)
(16, 65, 169)
(16, 66, 168)
(16, 67, 167)
(16, 68, 166)
(16, 69, 165)
(16, 70, 164)
(16, 71, 163)
(16, 72, 162)
(16, 73, 161)
(16, 74, 160)
(16, 75, 159)
(16, 76, 158)
(16, 77, 157)
(16, 78, 156)
(16, 79, 155)
(16, 80, 154)
(16, 81, 153)
(16, 82, 152)
(16, 83, 151)
(16, 84, 150)
(16, 85, 149)
(16, 86, 148)
(16, 87, 147)
(16, 88, 146)
(16, 89, 145)

(16, 90, 144)
(16, 91, 143)
(16, 92, 142)
(16, 93, 141)
(16, 94, 140)
(16, 95, 139)
(16, 96, 138)
(16, 97, 137)
(16, 98, 136)
(16, 99, 135)
(16, 100, 134)
(16, 101, 133)
(16, 102, 132)
(16, 103, 131)
(16, 104, 130)
(16, 105, 129)
(16, 106, 128)
(16, 107, 127)
(16, 108, 126)
(16, 109, 125)
(16, 110, 124)
(16, 111, 123)
(16, 112, 122)
(16, 113, 121)
(16, 114, 120)
(16, 115, 119)
(16, 116, 118)
(16, 117, 117)
(16, 118, 116)
(16, 119, 115)
(16, 120, 114)
(16, 121, 113)
(16, 122, 112)
(16, 123, 111)
(16, 124, 110)
(16, 125, 109)
(16, 126, 108)
(16, 127, 107)
(16, 128, 106)
(16, 129, 105)
(16, 130, 104)
(16, 131, 103)
(16, 132, 102)
(16, 133, 101)
(16, 134, 100)
(16, 135, 99)
(16, 136, 98)
(16, 137, 97)

(16, 138, 96)
(16, 139, 95)
(16, 140, 94)
(16, 141, 93)
(16, 142, 92)
(16, 143, 91)
(16, 144, 90)
(16, 145, 89)
(16, 146, 88)
(16, 147, 87)
(16, 148, 86)
(16, 149, 85)
(16, 150, 84)
(16, 151, 83)
(16, 152, 82)
(16, 153, 81)
(16, 154, 80)
(16, 155, 79)
(16, 156, 78)
(16, 157, 77)
(16, 158, 76)
(16, 159, 75)
(16, 160, 74)
(16, 161, 73)
(16, 162, 72)
(16, 163, 71)
(16, 164, 70)
(16, 165, 69)
(16, 166, 68)
(16, 167, 67)
(16, 168, 66)
(16, 169, 65)
(16, 170, 64)
(16, 171, 63)
(16, 172, 62)
(16, 173, 61)
(16, 174, 60)
(16, 175, 59)
(16, 176, 58)
(16, 177, 57)
(16, 178, 56)
(16, 179, 55)
(16, 180, 54)
(16, 181, 53)
(16, 182, 52)
(16, 183, 51)
(16, 184, 50)
(16, 185, 49)

(16, 186, 48)
(16, 187, 47)
(16, 188, 46)
(16, 189, 45)
(16, 190, 44)
(16, 191, 43)
(16, 192, 42)
(16, 193, 41)
(16, 194, 40)
(16, 195, 39)
(16, 196, 38)
(16, 197, 37)
(16, 198, 36)
(16, 199, 35)
(16, 200, 34)
(16, 201, 33)
(16, 202, 32)
(16, 203, 31)
(16, 204, 30)
(16, 205, 29)
(16, 206, 28)
(16, 207, 27)
(16, 208, 26)
(16, 209, 25)
(16, 210, 24)
(16, 211, 23)
(16, 212, 22)
(16, 213, 21)
(16, 214, 20)
(16, 215, 19)
(16, 216, 18)
(16, 217, 17)
(16, 218, 16)
(16, 219, 15)
(16, 220, 14)
(16, 221, 13)
(16, 222, 12)
(16, 223, 11)
(16, 224, 10)
(16, 225, 9)
(16, 226, 8)
(16, 227, 7)
(16, 228, 6)
(16, 229, 5)
(16, 230, 4)
(16, 231, 3)
(16, 232, 2)
(16, 233, 1)

(16, 234, 0)
(17, 0, 233)
(17, 1, 232)
(17, 2, 231)
(17, 3, 230)
(17, 4, 229)
(17, 5, 228)
(17, 6, 227)
(17, 7, 226)
(17, 8, 225)
(17, 9, 224)
(17, 10, 223)
(17, 11, 222)
(17, 12, 221)
(17, 13, 220)
(17, 14, 219)
(17, 15, 218)
(17, 16, 217)
(17, 17, 216)
(17, 18, 215)
(17, 19, 214)
(17, 20, 213)
(17, 21, 212)
(17, 22, 211)
(17, 23, 210)
(17, 24, 209)
(17, 25, 208)
(17, 26, 207)
(17, 27, 206)
(17, 28, 205)
(17, 29, 204)
(17, 30, 203)
(17, 31, 202)
(17, 32, 201)
(17, 33, 200)
(17, 34, 199)
(17, 35, 198)
(17, 36, 197)
(17, 37, 196)
(17, 38, 195)
(17, 39, 194)
(17, 40, 193)
(17, 41, 192)
(17, 42, 191)
(17, 43, 190)
(17, 44, 189)
(17, 45, 188)
(17, 46, 187)

(17, 47, 186)
(17, 48, 185)
(17, 49, 184)
(17, 50, 183)
(17, 51, 182)
(17, 52, 181)
(17, 53, 180)
(17, 54, 179)
(17, 55, 178)
(17, 56, 177)
(17, 57, 176)
(17, 58, 175)
(17, 59, 174)
(17, 60, 173)
(17, 61, 172)
(17, 62, 171)
(17, 63, 170)
(17, 64, 169)
(17, 65, 168)
(17, 66, 167)
(17, 67, 166)
(17, 68, 165)
(17, 69, 164)
(17, 70, 163)
(17, 71, 162)
(17, 72, 161)
(17, 73, 160)
(17, 74, 159)
(17, 75, 158)
(17, 76, 157)
(17, 77, 156)
(17, 78, 155)
(17, 79, 154)
(17, 80, 153)
(17, 81, 152)
(17, 82, 151)
(17, 83, 150)
(17, 84, 149)
(17, 85, 148)
(17, 86, 147)
(17, 87, 146)
(17, 88, 145)
(17, 89, 144)
(17, 90, 143)
(17, 91, 142)
(17, 92, 141)
(17, 93, 140)
(17, 94, 139)

(17, 95, 138)
(17, 96, 137)
(17, 97, 136)
(17, 98, 135)
(17, 99, 134)
(17, 100, 133)
(17, 101, 132)
(17, 102, 131)
(17, 103, 130)
(17, 104, 129)
(17, 105, 128)
(17, 106, 127)
(17, 107, 126)
(17, 108, 125)
(17, 109, 124)
(17, 110, 123)
(17, 111, 122)
(17, 112, 121)
(17, 113, 120)
(17, 114, 119)
(17, 115, 118)
(17, 116, 117)
(17, 117, 116)
(17, 118, 115)
(17, 119, 114)
(17, 120, 113)
(17, 121, 112)
(17, 122, 111)
(17, 123, 110)
(17, 124, 109)
(17, 125, 108)
(17, 126, 107)
(17, 127, 106)
(17, 128, 105)
(17, 129, 104)
(17, 130, 103)
(17, 131, 102)
(17, 132, 101)
(17, 133, 100)
(17, 134, 99)
(17, 135, 98)
(17, 136, 97)
(17, 137, 96)
(17, 138, 95)
(17, 139, 94)
(17, 140, 93)
(17, 141, 92)
(17, 142, 91)

(17, 143, 90)
(17, 144, 89)
(17, 145, 88)
(17, 146, 87)
(17, 147, 86)
(17, 148, 85)
(17, 149, 84)
(17, 150, 83)
(17, 151, 82)
(17, 152, 81)
(17, 153, 80)
(17, 154, 79)
(17, 155, 78)
(17, 156, 77)
(17, 157, 76)
(17, 158, 75)
(17, 159, 74)
(17, 160, 73)
(17, 161, 72)
(17, 162, 71)
(17, 163, 70)
(17, 164, 69)
(17, 165, 68)
(17, 166, 67)
(17, 167, 66)
(17, 168, 65)
(17, 169, 64)
(17, 170, 63)
(17, 171, 62)
(17, 172, 61)
(17, 173, 60)
(17, 174, 59)
(17, 175, 58)
(17, 176, 57)
(17, 177, 56)
(17, 178, 55)
(17, 179, 54)
(17, 180, 53)
(17, 181, 52)
(17, 182, 51)
(17, 183, 50)
(17, 184, 49)
(17, 185, 48)
(17, 186, 47)
(17, 187, 46)
(17, 188, 45)
(17, 189, 44)
(17, 190, 43)

(17, 191, 42)
(17, 192, 41)
(17, 193, 40)
(17, 194, 39)
(17, 195, 38)
(17, 196, 37)
(17, 197, 36)
(17, 198, 35)
(17, 199, 34)
(17, 200, 33)
(17, 201, 32)
(17, 202, 31)
(17, 203, 30)
(17, 204, 29)
(17, 205, 28)
(17, 206, 27)
(17, 207, 26)
(17, 208, 25)
(17, 209, 24)
(17, 210, 23)
(17, 211, 22)
(17, 212, 21)
(17, 213, 20)
(17, 214, 19)
(17, 215, 18)
(17, 216, 17)
(17, 217, 16)
(17, 218, 15)
(17, 219, 14)
(17, 220, 13)
(17, 221, 12)
(17, 222, 11)
(17, 223, 10)
(17, 224, 9)
(17, 225, 8)
(17, 226, 7)
(17, 227, 6)
(17, 228, 5)
(17, 229, 4)
(17, 230, 3)
(17, 231, 2)
(17, 232, 1)
(17, 233, 0)
(18, 0, 232)
(18, 1, 231)
(18, 2, 230)
(18, 3, 229)
(18, 4, 228)

(18, 5, 227)
(18, 6, 226)
(18, 7, 225)
(18, 8, 224)
(18, 9, 223)
(18, 10, 222)
(18, 11, 221)
(18, 12, 220)
(18, 13, 219)
(18, 14, 218)
(18, 15, 217)
(18, 16, 216)
(18, 17, 215)
(18, 18, 214)
(18, 19, 213)
(18, 20, 212)
(18, 21, 211)
(18, 22, 210)
(18, 23, 209)
(18, 24, 208)
(18, 25, 207)
(18, 26, 206)
(18, 27, 205)
(18, 28, 204)
(18, 29, 203)
(18, 30, 202)
(18, 31, 201)
(18, 32, 200)
(18, 33, 199)
(18, 34, 198)
(18, 35, 197)
(18, 36, 196)
(18, 37, 195)
(18, 38, 194)
(18, 39, 193)
(18, 40, 192)
(18, 41, 191)
(18, 42, 190)
(18, 43, 189)
(18, 44, 188)
(18, 45, 187)
(18, 46, 186)
(18, 47, 185)
(18, 48, 184)
(18, 49, 183)
(18, 50, 182)
(18, 51, 181)
(18, 52, 180)

(18, 53, 179)
(18, 54, 178)
(18, 55, 177)
(18, 56, 176)
(18, 57, 175)
(18, 58, 174)
(18, 59, 173)
(18, 60, 172)
(18, 61, 171)
(18, 62, 170)
(18, 63, 169)
(18, 64, 168)
(18, 65, 167)
(18, 66, 166)
(18, 67, 165)
(18, 68, 164)
(18, 69, 163)
(18, 70, 162)
(18, 71, 161)
(18, 72, 160)
(18, 73, 159)
(18, 74, 158)
(18, 75, 157)
(18, 76, 156)
(18, 77, 155)
(18, 78, 154)
(18, 79, 153)
(18, 80, 152)
(18, 81, 151)
(18, 82, 150)
(18, 83, 149)
(18, 84, 148)
(18, 85, 147)
(18, 86, 146)
(18, 87, 145)
(18, 88, 144)
(18, 89, 143)
(18, 90, 142)
(18, 91, 141)
(18, 92, 140)
(18, 93, 139)
(18, 94, 138)
(18, 95, 137)
(18, 96, 136)
(18, 97, 135)
(18, 98, 134)
(18, 99, 133)
(18, 100, 132)

(18, 101, 131)
(18, 102, 130)
(18, 103, 129)
(18, 104, 128)
(18, 105, 127)
(18, 106, 126)
(18, 107, 125)
(18, 108, 124)
(18, 109, 123)
(18, 110, 122)
(18, 111, 121)
(18, 112, 120)
(18, 113, 119)
(18, 114, 118)
(18, 115, 117)
(18, 116, 116)
(18, 117, 115)
(18, 118, 114)
(18, 119, 113)
(18, 120, 112)
(18, 121, 111)
(18, 122, 110)
(18, 123, 109)
(18, 124, 108)
(18, 125, 107)
(18, 126, 106)
(18, 127, 105)
(18, 128, 104)
(18, 129, 103)
(18, 130, 102)
(18, 131, 101)
(18, 132, 100)
(18, 133, 99)
(18, 134, 98)
(18, 135, 97)
(18, 136, 96)
(18, 137, 95)
(18, 138, 94)
(18, 139, 93)
(18, 140, 92)
(18, 141, 91)
(18, 142, 90)
(18, 143, 89)
(18, 144, 88)
(18, 145, 87)
(18, 146, 86)
(18, 147, 85)
(18, 148, 84)

(18, 149, 83)
(18, 150, 82)
(18, 151, 81)
(18, 152, 80)
(18, 153, 79)
(18, 154, 78)
(18, 155, 77)
(18, 156, 76)
(18, 157, 75)
(18, 158, 74)
(18, 159, 73)
(18, 160, 72)
(18, 161, 71)
(18, 162, 70)
(18, 163, 69)
(18, 164, 68)
(18, 165, 67)
(18, 166, 66)
(18, 167, 65)
(18, 168, 64)
(18, 169, 63)
(18, 170, 62)
(18, 171, 61)
(18, 172, 60)
(18, 173, 59)
(18, 174, 58)
(18, 175, 57)
(18, 176, 56)
(18, 177, 55)
(18, 178, 54)
(18, 179, 53)
(18, 180, 52)
(18, 181, 51)
(18, 182, 50)
(18, 183, 49)
(18, 184, 48)
(18, 185, 47)
(18, 186, 46)
(18, 187, 45)
(18, 188, 44)
(18, 189, 43)
(18, 190, 42)
(18, 191, 41)
(18, 192, 40)
(18, 193, 39)
(18, 194, 38)
(18, 195, 37)
(18, 196, 36)

(18, 197, 35)
(18, 198, 34)
(18, 199, 33)
(18, 200, 32)
(18, 201, 31)
(18, 202, 30)
(18, 203, 29)
(18, 204, 28)
(18, 205, 27)
(18, 206, 26)
(18, 207, 25)
(18, 208, 24)
(18, 209, 23)
(18, 210, 22)
(18, 211, 21)
(18, 212, 20)
(18, 213, 19)
(18, 214, 18)
(18, 215, 17)
(18, 216, 16)
(18, 217, 15)
(18, 218, 14)
(18, 219, 13)
(18, 220, 12)
(18, 221, 11)
(18, 222, 10)
(18, 223, 9)
(18, 224, 8)
(18, 225, 7)
(18, 226, 6)
(18, 227, 5)
(18, 228, 4)
(18, 229, 3)
(18, 230, 2)
(18, 231, 1)
(18, 232, 0)
(19, 0, 231)
(19, 1, 230)
(19, 2, 229)
(19, 3, 228)
(19, 4, 227)
(19, 5, 226)
(19, 6, 225)
(19, 7, 224)
(19, 8, 223)
(19, 9, 222)
(19, 10, 221)
(19, 11, 220)

(19, 12, 219)
(19, 13, 218)
(19, 14, 217)
(19, 15, 216)
(19, 16, 215)
(19, 17, 214)
(19, 18, 213)
(19, 19, 212)
(19, 20, 211)
(19, 21, 210)
(19, 22, 209)
(19, 23, 208)
(19, 24, 207)
(19, 25, 206)
(19, 26, 205)
(19, 27, 204)
(19, 28, 203)
(19, 29, 202)
(19, 30, 201)
(19, 31, 200)
(19, 32, 199)
(19, 33, 198)
(19, 34, 197)
(19, 35, 196)
(19, 36, 195)
(19, 37, 194)
(19, 38, 193)
(19, 39, 192)
(19, 40, 191)
(19, 41, 190)
(19, 42, 189)
(19, 43, 188)
(19, 44, 187)
(19, 45, 186)
(19, 46, 185)
(19, 47, 184)
(19, 48, 183)
(19, 49, 182)
(19, 50, 181)
(19, 51, 180)
(19, 52, 179)
(19, 53, 178)
(19, 54, 177)
(19, 55, 176)
(19, 56, 175)
(19, 57, 174)
(19, 58, 173)
(19, 59, 172)

(19, 60, 171)
(19, 61, 170)
(19, 62, 169)
(19, 63, 168)
(19, 64, 167)
(19, 65, 166)
(19, 66, 165)
(19, 67, 164)
(19, 68, 163)
(19, 69, 162)
(19, 70, 161)
(19, 71, 160)
(19, 72, 159)
(19, 73, 158)
(19, 74, 157)
(19, 75, 156)
(19, 76, 155)
(19, 77, 154)
(19, 78, 153)
(19, 79, 152)
(19, 80, 151)
(19, 81, 150)
(19, 82, 149)
(19, 83, 148)
(19, 84, 147)
(19, 85, 146)
(19, 86, 145)
(19, 87, 144)
(19, 88, 143)
(19, 89, 142)
(19, 90, 141)
(19, 91, 140)
(19, 92, 139)
(19, 93, 138)
(19, 94, 137)
(19, 95, 136)
(19, 96, 135)
(19, 97, 134)
(19, 98, 133)
(19, 99, 132)
(19, 100, 131)
(19, 101, 130)
(19, 102, 129)
(19, 103, 128)
(19, 104, 127)
(19, 105, 126)
(19, 106, 125)
(19, 107, 124)

(19, 108, 123)
(19, 109, 122)
(19, 110, 121)
(19, 111, 120)
(19, 112, 119)
(19, 113, 118)
(19, 114, 117)
(19, 115, 116)
(19, 116, 115)
(19, 117, 114)
(19, 118, 113)
(19, 119, 112)
(19, 120, 111)
(19, 121, 110)
(19, 122, 109)
(19, 123, 108)
(19, 124, 107)
(19, 125, 106)
(19, 126, 105)
(19, 127, 104)
(19, 128, 103)
(19, 129, 102)
(19, 130, 101)
(19, 131, 100)
(19, 132, 99)
(19, 133, 98)
(19, 134, 97)
(19, 135, 96)
(19, 136, 95)
(19, 137, 94)
(19, 138, 93)
(19, 139, 92)
(19, 140, 91)
(19, 141, 90)
(19, 142, 89)
(19, 143, 88)
(19, 144, 87)
(19, 145, 86)
(19, 146, 85)
(19, 147, 84)
(19, 148, 83)
(19, 149, 82)
(19, 150, 81)
(19, 151, 80)
(19, 152, 79)
(19, 153, 78)
(19, 154, 77)
(19, 155, 76)

(19, 156, 75)
(19, 157, 74)
(19, 158, 73)
(19, 159, 72)
(19, 160, 71)
(19, 161, 70)
(19, 162, 69)
(19, 163, 68)
(19, 164, 67)
(19, 165, 66)
(19, 166, 65)
(19, 167, 64)
(19, 168, 63)
(19, 169, 62)
(19, 170, 61)
(19, 171, 60)
(19, 172, 59)
(19, 173, 58)
(19, 174, 57)
(19, 175, 56)
(19, 176, 55)
(19, 177, 54)
(19, 178, 53)
(19, 179, 52)
(19, 180, 51)
(19, 181, 50)
(19, 182, 49)
(19, 183, 48)
(19, 184, 47)
(19, 185, 46)
(19, 186, 45)
(19, 187, 44)
(19, 188, 43)
(19, 189, 42)
(19, 190, 41)
(19, 191, 40)
(19, 192, 39)
(19, 193, 38)
(19, 194, 37)
(19, 195, 36)
(19, 196, 35)
(19, 197, 34)
(19, 198, 33)
(19, 199, 32)
(19, 200, 31)
(19, 201, 30)
(19, 202, 29)
(19, 203, 28)

(19, 204, 27)
(19, 205, 26)
(19, 206, 25)
(19, 207, 24)
(19, 208, 23)
(19, 209, 22)
(19, 210, 21)
(19, 211, 20)
(19, 212, 19)
(19, 213, 18)
(19, 214, 17)
(19, 215, 16)
(19, 216, 15)
(19, 217, 14)
(19, 218, 13)
(19, 219, 12)
(19, 220, 11)
(19, 221, 10)
(19, 222, 9)
(19, 223, 8)
(19, 224, 7)
(19, 225, 6)
(19, 226, 5)
(19, 227, 4)
(19, 228, 3)
(19, 229, 2)
(19, 230, 1)
(19, 231, 0)
(20, 0, 230)
(20, 1, 229)
(20, 2, 228)
(20, 3, 227)
(20, 4, 226)
(20, 5, 225)
(20, 6, 224)
(20, 7, 223)
(20, 8, 222)
(20, 9, 221)
(20, 10, 220)
(20, 11, 219)
(20, 12, 218)
(20, 13, 217)
(20, 14, 216)
(20, 15, 215)
(20, 16, 214)
(20, 17, 213)
(20, 18, 212)
(20, 19, 211)

(20, 20, 210)
(20, 21, 209)
(20, 22, 208)
(20, 23, 207)
(20, 24, 206)
(20, 25, 205)
(20, 26, 204)
(20, 27, 203)
(20, 28, 202)
(20, 29, 201)
(20, 30, 200)
(20, 31, 199)
(20, 32, 198)
(20, 33, 197)
(20, 34, 196)
(20, 35, 195)
(20, 36, 194)
(20, 37, 193)
(20, 38, 192)
(20, 39, 191)
(20, 40, 190)
(20, 41, 189)
(20, 42, 188)
(20, 43, 187)
(20, 44, 186)
(20, 45, 185)
(20, 46, 184)
(20, 47, 183)
(20, 48, 182)
(20, 49, 181)
(20, 50, 180)
(20, 51, 179)
(20, 52, 178)
(20, 53, 177)
(20, 54, 176)
(20, 55, 175)
(20, 56, 174)
(20, 57, 173)
(20, 58, 172)
(20, 59, 171)
(20, 60, 170)
(20, 61, 169)
(20, 62, 168)
(20, 63, 167)
(20, 64, 166)
(20, 65, 165)
(20, 66, 164)
(20, 67, 163)

(20, 68, 162)
(20, 69, 161)
(20, 70, 160)
(20, 71, 159)
(20, 72, 158)
(20, 73, 157)
(20, 74, 156)
(20, 75, 155)
(20, 76, 154)
(20, 77, 153)
(20, 78, 152)
(20, 79, 151)
(20, 80, 150)
(20, 81, 149)
(20, 82, 148)
(20, 83, 147)
(20, 84, 146)
(20, 85, 145)
(20, 86, 144)
(20, 87, 143)
(20, 88, 142)
(20, 89, 141)
(20, 90, 140)
(20, 91, 139)
(20, 92, 138)
(20, 93, 137)
(20, 94, 136)
(20, 95, 135)
(20, 96, 134)
(20, 97, 133)
(20, 98, 132)
(20, 99, 131)
(20, 100, 130)
(20, 101, 129)
(20, 102, 128)
(20, 103, 127)
(20, 104, 126)
(20, 105, 125)
(20, 106, 124)
(20, 107, 123)
(20, 108, 122)
(20, 109, 121)
(20, 110, 120)
(20, 111, 119)
(20, 112, 118)
(20, 113, 117)
(20, 114, 116)
(20, 115, 115)

(20, 116, 114)
(20, 117, 113)
(20, 118, 112)
(20, 119, 111)
(20, 120, 110)
(20, 121, 109)
(20, 122, 108)
(20, 123, 107)
(20, 124, 106)
(20, 125, 105)
(20, 126, 104)
(20, 127, 103)
(20, 128, 102)
(20, 129, 101)
(20, 130, 100)
(20, 131, 99)
(20, 132, 98)
(20, 133, 97)
(20, 134, 96)
(20, 135, 95)
(20, 136, 94)
(20, 137, 93)
(20, 138, 92)
(20, 139, 91)
(20, 140, 90)
(20, 141, 89)
(20, 142, 88)
(20, 143, 87)
(20, 144, 86)
(20, 145, 85)
(20, 146, 84)
(20, 147, 83)
(20, 148, 82)
(20, 149, 81)
(20, 150, 80)
(20, 151, 79)
(20, 152, 78)
(20, 153, 77)
(20, 154, 76)
(20, 155, 75)
(20, 156, 74)
(20, 157, 73)
(20, 158, 72)
(20, 159, 71)
(20, 160, 70)
(20, 161, 69)
(20, 162, 68)
(20, 163, 67)

(20, 164, 66)
(20, 165, 65)
(20, 166, 64)
(20, 167, 63)
(20, 168, 62)
(20, 169, 61)
(20, 170, 60)
(20, 171, 59)
(20, 172, 58)
(20, 173, 57)
(20, 174, 56)
(20, 175, 55)
(20, 176, 54)
(20, 177, 53)
(20, 178, 52)
(20, 179, 51)
(20, 180, 50)
(20, 181, 49)
(20, 182, 48)
(20, 183, 47)
(20, 184, 46)
(20, 185, 45)
(20, 186, 44)
(20, 187, 43)
(20, 188, 42)
(20, 189, 41)
(20, 190, 40)
(20, 191, 39)
(20, 192, 38)
(20, 193, 37)
(20, 194, 36)
(20, 195, 35)
(20, 196, 34)
(20, 197, 33)
(20, 198, 32)
(20, 199, 31)
(20, 200, 30)
(20, 201, 29)
(20, 202, 28)
(20, 203, 27)
(20, 204, 26)
(20, 205, 25)
(20, 206, 24)
(20, 207, 23)
(20, 208, 22)
(20, 209, 21)
(20, 210, 20)
(20, 211, 19)

(20, 212, 18)
(20, 213, 17)
(20, 214, 16)
(20, 215, 15)
(20, 216, 14)
(20, 217, 13)
(20, 218, 12)
(20, 219, 11)
(20, 220, 10)
(20, 221, 9)
(20, 222, 8)
(20, 223, 7)
(20, 224, 6)
(20, 225, 5)
(20, 226, 4)
(20, 227, 3)
(20, 228, 2)
(20, 229, 1)
(20, 230, 0)
(21, 0, 229)
(21, 1, 228)
(21, 2, 227)
(21, 3, 226)
(21, 4, 225)
(21, 5, 224)
(21, 6, 223)
(21, 7, 222)
(21, 8, 221)
(21, 9, 220)
(21, 10, 219)
(21, 11, 218)
(21, 12, 217)
(21, 13, 216)
(21, 14, 215)
(21, 15, 214)
(21, 16, 213)
(21, 17, 212)
(21, 18, 211)
(21, 19, 210)
(21, 20, 209)
(21, 21, 208)
(21, 22, 207)
(21, 23, 206)
(21, 24, 205)
(21, 25, 204)
(21, 26, 203)
(21, 27, 202)
(21, 28, 201)

(21, 29, 200)
(21, 30, 199)
(21, 31, 198)
(21, 32, 197)
(21, 33, 196)
(21, 34, 195)
(21, 35, 194)
(21, 36, 193)
(21, 37, 192)
(21, 38, 191)
(21, 39, 190)
(21, 40, 189)
(21, 41, 188)
(21, 42, 187)
(21, 43, 186)
(21, 44, 185)
(21, 45, 184)
(21, 46, 183)
(21, 47, 182)
(21, 48, 181)
(21, 49, 180)
(21, 50, 179)
(21, 51, 178)
(21, 52, 177)
(21, 53, 176)
(21, 54, 175)
(21, 55, 174)
(21, 56, 173)
(21, 57, 172)
(21, 58, 171)
(21, 59, 170)
(21, 60, 169)
(21, 61, 168)
(21, 62, 167)
(21, 63, 166)
(21, 64, 165)
(21, 65, 164)
(21, 66, 163)
(21, 67, 162)
(21, 68, 161)
(21, 69, 160)
(21, 70, 159)
(21, 71, 158)
(21, 72, 157)
(21, 73, 156)
(21, 74, 155)
(21, 75, 154)
(21, 76, 153)

(21, 77, 152)
(21, 78, 151)
(21, 79, 150)
(21, 80, 149)
(21, 81, 148)
(21, 82, 147)
(21, 83, 146)
(21, 84, 145)
(21, 85, 144)
(21, 86, 143)
(21, 87, 142)
(21, 88, 141)
(21, 89, 140)
(21, 90, 139)
(21, 91, 138)
(21, 92, 137)
(21, 93, 136)
(21, 94, 135)
(21, 95, 134)
(21, 96, 133)
(21, 97, 132)
(21, 98, 131)
(21, 99, 130)
(21, 100, 129)
(21, 101, 128)
(21, 102, 127)
(21, 103, 126)
(21, 104, 125)
(21, 105, 124)
(21, 106, 123)
(21, 107, 122)
(21, 108, 121)
(21, 109, 120)
(21, 110, 119)
(21, 111, 118)
(21, 112, 117)
(21, 113, 116)
(21, 114, 115)
(21, 115, 114)
(21, 116, 113)
(21, 117, 112)
(21, 118, 111)
(21, 119, 110)
(21, 120, 109)
(21, 121, 108)
(21, 122, 107)
(21, 123, 106)
(21, 124, 105)

(21, 125, 104)
(21, 126, 103)
(21, 127, 102)
(21, 128, 101)
(21, 129, 100)
(21, 130, 99)
(21, 131, 98)
(21, 132, 97)
(21, 133, 96)
(21, 134, 95)
(21, 135, 94)
(21, 136, 93)
(21, 137, 92)
(21, 138, 91)
(21, 139, 90)
(21, 140, 89)
(21, 141, 88)
(21, 142, 87)
(21, 143, 86)
(21, 144, 85)
(21, 145, 84)
(21, 146, 83)
(21, 147, 82)
(21, 148, 81)
(21, 149, 80)
(21, 150, 79)
(21, 151, 78)
(21, 152, 77)
(21, 153, 76)
(21, 154, 75)
(21, 155, 74)
(21, 156, 73)
(21, 157, 72)
(21, 158, 71)
(21, 159, 70)
(21, 160, 69)
(21, 161, 68)
(21, 162, 67)
(21, 163, 66)
(21, 164, 65)
(21, 165, 64)
(21, 166, 63)
(21, 167, 62)
(21, 168, 61)
(21, 169, 60)
(21, 170, 59)
(21, 171, 58)
(21, 172, 57)

(21, 173, 56)
(21, 174, 55)
(21, 175, 54)
(21, 176, 53)
(21, 177, 52)
(21, 178, 51)
(21, 179, 50)
(21, 180, 49)
(21, 181, 48)
(21, 182, 47)
(21, 183, 46)
(21, 184, 45)
(21, 185, 44)
(21, 186, 43)
(21, 187, 42)
(21, 188, 41)
(21, 189, 40)
(21, 190, 39)
(21, 191, 38)
(21, 192, 37)
(21, 193, 36)
(21, 194, 35)
(21, 195, 34)
(21, 196, 33)
(21, 197, 32)
(21, 198, 31)
(21, 199, 30)
(21, 200, 29)
(21, 201, 28)
(21, 202, 27)
(21, 203, 26)
(21, 204, 25)
(21, 205, 24)
(21, 206, 23)
(21, 207, 22)
(21, 208, 21)
(21, 209, 20)
(21, 210, 19)
(21, 211, 18)
(21, 212, 17)
(21, 213, 16)
(21, 214, 15)
(21, 215, 14)
(21, 216, 13)
(21, 217, 12)
(21, 218, 11)
(21, 219, 10)
(21, 220, 9)

(21, 221, 8)
(21, 222, 7)
(21, 223, 6)
(21, 224, 5)
(21, 225, 4)
(21, 226, 3)
(21, 227, 2)
(21, 228, 1)
(21, 229, 0)
(22, 0, 228)
(22, 1, 227)
(22, 2, 226)
(22, 3, 225)
(22, 4, 224)
(22, 5, 223)
(22, 6, 222)
(22, 7, 221)
(22, 8, 220)
(22, 9, 219)
(22, 10, 218)
(22, 11, 217)
(22, 12, 216)
(22, 13, 215)
(22, 14, 214)
(22, 15, 213)
(22, 16, 212)
(22, 17, 211)
(22, 18, 210)
(22, 19, 209)
(22, 20, 208)
(22, 21, 207)
(22, 22, 206)
(22, 23, 205)
(22, 24, 204)
(22, 25, 203)
(22, 26, 202)
(22, 27, 201)
(22, 28, 200)
(22, 29, 199)
(22, 30, 198)
(22, 31, 197)
(22, 32, 196)
(22, 33, 195)
(22, 34, 194)
(22, 35, 193)
(22, 36, 192)
(22, 37, 191)
(22, 38, 190)

(22, 39, 189)
(22, 40, 188)
(22, 41, 187)
(22, 42, 186)
(22, 43, 185)
(22, 44, 184)
(22, 45, 183)
(22, 46, 182)
(22, 47, 181)
(22, 48, 180)
(22, 49, 179)
(22, 50, 178)
(22, 51, 177)
(22, 52, 176)
(22, 53, 175)
(22, 54, 174)
(22, 55, 173)
(22, 56, 172)
(22, 57, 171)
(22, 58, 170)
(22, 59, 169)
(22, 60, 168)
(22, 61, 167)
(22, 62, 166)
(22, 63, 165)
(22, 64, 164)
(22, 65, 163)
(22, 66, 162)
(22, 67, 161)
(22, 68, 160)
(22, 69, 159)
(22, 70, 158)
(22, 71, 157)
(22, 72, 156)
(22, 73, 155)
(22, 74, 154)
(22, 75, 153)
(22, 76, 152)
(22, 77, 151)
(22, 78, 150)
(22, 79, 149)
(22, 80, 148)
(22, 81, 147)
(22, 82, 146)
(22, 83, 145)
(22, 84, 144)
(22, 85, 143)
(22, 86, 142)

(22, 87, 141)
(22, 88, 140)
(22, 89, 139)
(22, 90, 138)
(22, 91, 137)
(22, 92, 136)
(22, 93, 135)
(22, 94, 134)
(22, 95, 133)
(22, 96, 132)
(22, 97, 131)
(22, 98, 130)
(22, 99, 129)
(22, 100, 128)
(22, 101, 127)
(22, 102, 126)
(22, 103, 125)
(22, 104, 124)
(22, 105, 123)
(22, 106, 122)
(22, 107, 121)
(22, 108, 120)
(22, 109, 119)
(22, 110, 118)
(22, 111, 117)
(22, 112, 116)
(22, 113, 115)
(22, 114, 114)
(22, 115, 113)
(22, 116, 112)
(22, 117, 111)
(22, 118, 110)
(22, 119, 109)
(22, 120, 108)
(22, 121, 107)
(22, 122, 106)
(22, 123, 105)
(22, 124, 104)
(22, 125, 103)
(22, 126, 102)
(22, 127, 101)
(22, 128, 100)
(22, 129, 99)
(22, 130, 98)
(22, 131, 97)
(22, 132, 96)
(22, 133, 95)
(22, 134, 94)

(22, 135, 93)
(22, 136, 92)
(22, 137, 91)
(22, 138, 90)
(22, 139, 89)
(22, 140, 88)
(22, 141, 87)
(22, 142, 86)
(22, 143, 85)
(22, 144, 84)
(22, 145, 83)
(22, 146, 82)
(22, 147, 81)
(22, 148, 80)
(22, 149, 79)
(22, 150, 78)
(22, 151, 77)
(22, 152, 76)
(22, 153, 75)
(22, 154, 74)
(22, 155, 73)
(22, 156, 72)
(22, 157, 71)
(22, 158, 70)
(22, 159, 69)
(22, 160, 68)
(22, 161, 67)
(22, 162, 66)
(22, 163, 65)
(22, 164, 64)
(22, 165, 63)
(22, 166, 62)
(22, 167, 61)
(22, 168, 60)
(22, 169, 59)
(22, 170, 58)
(22, 171, 57)
(22, 172, 56)
(22, 173, 55)
(22, 174, 54)
(22, 175, 53)
(22, 176, 52)
(22, 177, 51)
(22, 178, 50)
(22, 179, 49)
(22, 180, 48)
(22, 181, 47)
(22, 182, 46)

(22, 183, 45)
(22, 184, 44)
(22, 185, 43)
(22, 186, 42)
(22, 187, 41)
(22, 188, 40)
(22, 189, 39)
(22, 190, 38)
(22, 191, 37)
(22, 192, 36)
(22, 193, 35)
(22, 194, 34)
(22, 195, 33)
(22, 196, 32)
(22, 197, 31)
(22, 198, 30)
(22, 199, 29)
(22, 200, 28)
(22, 201, 27)
(22, 202, 26)
(22, 203, 25)
(22, 204, 24)
(22, 205, 23)
(22, 206, 22)
(22, 207, 21)
(22, 208, 20)
(22, 209, 19)
(22, 210, 18)
(22, 211, 17)
(22, 212, 16)
(22, 213, 15)
(22, 214, 14)
(22, 215, 13)
(22, 216, 12)
(22, 217, 11)
(22, 218, 10)
(22, 219, 9)
(22, 220, 8)
(22, 221, 7)
(22, 222, 6)
(22, 223, 5)
(22, 224, 4)
(22, 225, 3)
(22, 226, 2)
(22, 227, 1)
(22, 228, 0)
(23, 0, 227)
(23, 1, 226)

(23, 2, 225)
(23, 3, 224)
(23, 4, 223)
(23, 5, 222)
(23, 6, 221)
(23, 7, 220)
(23, 8, 219)
(23, 9, 218)
(23, 10, 217)
(23, 11, 216)
(23, 12, 215)
(23, 13, 214)
(23, 14, 213)
(23, 15, 212)
(23, 16, 211)
(23, 17, 210)
(23, 18, 209)
(23, 19, 208)
(23, 20, 207)
(23, 21, 206)
(23, 22, 205)
(23, 23, 204)
(23, 24, 203)
(23, 25, 202)
(23, 26, 201)
(23, 27, 200)
(23, 28, 199)
(23, 29, 198)
(23, 30, 197)
(23, 31, 196)
(23, 32, 195)
(23, 33, 194)
(23, 34, 193)
(23, 35, 192)
(23, 36, 191)
(23, 37, 190)
(23, 38, 189)
(23, 39, 188)
(23, 40, 187)
(23, 41, 186)
(23, 42, 185)
(23, 43, 184)
(23, 44, 183)
(23, 45, 182)
(23, 46, 181)
(23, 47, 180)
(23, 48, 179)
(23, 49, 178)

(23, 50, 177)
(23, 51, 176)
(23, 52, 175)
(23, 53, 174)
(23, 54, 173)
(23, 55, 172)
(23, 56, 171)
(23, 57, 170)
(23, 58, 169)
(23, 59, 168)
(23, 60, 167)
(23, 61, 166)
(23, 62, 165)
(23, 63, 164)
(23, 64, 163)
(23, 65, 162)
(23, 66, 161)
(23, 67, 160)
(23, 68, 159)
(23, 69, 158)
(23, 70, 157)
(23, 71, 156)
(23, 72, 155)
(23, 73, 154)
(23, 74, 153)
(23, 75, 152)
(23, 76, 151)
(23, 77, 150)
(23, 78, 149)
(23, 79, 148)
(23, 80, 147)
(23, 81, 146)
(23, 82, 145)
(23, 83, 144)
(23, 84, 143)
(23, 85, 142)
(23, 86, 141)
(23, 87, 140)
(23, 88, 139)
(23, 89, 138)
(23, 90, 137)
(23, 91, 136)
(23, 92, 135)
(23, 93, 134)
(23, 94, 133)
(23, 95, 132)
(23, 96, 131)
(23, 97, 130)

(23, 98, 129)
(23, 99, 128)
(23, 100, 127)
(23, 101, 126)
(23, 102, 125)
(23, 103, 124)
(23, 104, 123)
(23, 105, 122)
(23, 106, 121)
(23, 107, 120)
(23, 108, 119)
(23, 109, 118)
(23, 110, 117)
(23, 111, 116)
(23, 112, 115)
(23, 113, 114)
(23, 114, 113)
(23, 115, 112)
(23, 116, 111)
(23, 117, 110)
(23, 118, 109)
(23, 119, 108)
(23, 120, 107)
(23, 121, 106)
(23, 122, 105)
(23, 123, 104)
(23, 124, 103)
(23, 125, 102)
(23, 126, 101)
(23, 127, 100)
(23, 128, 99)
(23, 129, 98)
(23, 130, 97)
(23, 131, 96)
(23, 132, 95)
(23, 133, 94)
(23, 134, 93)
(23, 135, 92)
(23, 136, 91)
(23, 137, 90)
(23, 138, 89)
(23, 139, 88)
(23, 140, 87)
(23, 141, 86)
(23, 142, 85)
(23, 143, 84)
(23, 144, 83)
(23, 145, 82)

(23, 146, 81)
(23, 147, 80)
(23, 148, 79)
(23, 149, 78)
(23, 150, 77)
(23, 151, 76)
(23, 152, 75)
(23, 153, 74)
(23, 154, 73)
(23, 155, 72)
(23, 156, 71)
(23, 157, 70)
(23, 158, 69)
(23, 159, 68)
(23, 160, 67)
(23, 161, 66)
(23, 162, 65)
(23, 163, 64)
(23, 164, 63)
(23, 165, 62)
(23, 166, 61)
(23, 167, 60)
(23, 168, 59)
(23, 169, 58)
(23, 170, 57)
(23, 171, 56)
(23, 172, 55)
(23, 173, 54)
(23, 174, 53)
(23, 175, 52)
(23, 176, 51)
(23, 177, 50)
(23, 178, 49)
(23, 179, 48)
(23, 180, 47)
(23, 181, 46)
(23, 182, 45)
(23, 183, 44)
(23, 184, 43)
(23, 185, 42)
(23, 186, 41)
(23, 187, 40)
(23, 188, 39)
(23, 189, 38)
(23, 190, 37)
(23, 191, 36)
(23, 192, 35)
(23, 193, 34)

(23, 194, 33)
(23, 195, 32)
(23, 196, 31)
(23, 197, 30)
(23, 198, 29)
(23, 199, 28)
(23, 200, 27)
(23, 201, 26)
(23, 202, 25)
(23, 203, 24)
(23, 204, 23)
(23, 205, 22)
(23, 206, 21)
(23, 207, 20)
(23, 208, 19)
(23, 209, 18)
(23, 210, 17)
(23, 211, 16)
(23, 212, 15)
(23, 213, 14)
(23, 214, 13)
(23, 215, 12)
(23, 216, 11)
(23, 217, 10)
(23, 218, 9)
(23, 219, 8)
(23, 220, 7)
(23, 221, 6)
(23, 222, 5)
(23, 223, 4)
(23, 224, 3)
(23, 225, 2)
(23, 226, 1)
(23, 227, 0)
(24, 0, 226)
(24, 1, 225)
(24, 2, 224)
(24, 3, 223)
(24, 4, 222)
(24, 5, 221)
(24, 6, 220)
(24, 7, 219)
(24, 8, 218)
(24, 9, 217)
(24, 10, 216)
(24, 11, 215)
(24, 12, 214)
(24, 13, 213)

(24, 14, 212)
(24, 15, 211)
(24, 16, 210)
(24, 17, 209)
(24, 18, 208)
(24, 19, 207)
(24, 20, 206)
(24, 21, 205)
(24, 22, 204)
(24, 23, 203)
(24, 24, 202)
(24, 25, 201)
(24, 26, 200)
(24, 27, 199)
(24, 28, 198)
(24, 29, 197)
(24, 30, 196)
(24, 31, 195)
(24, 32, 194)
(24, 33, 193)
(24, 34, 192)
(24, 35, 191)
(24, 36, 190)
(24, 37, 189)
(24, 38, 188)
(24, 39, 187)
(24, 40, 186)
(24, 41, 185)
(24, 42, 184)
(24, 43, 183)
(24, 44, 182)
(24, 45, 181)
(24, 46, 180)
(24, 47, 179)
(24, 48, 178)
(24, 49, 177)
(24, 50, 176)
(24, 51, 175)
(24, 52, 174)
(24, 53, 173)
(24, 54, 172)
(24, 55, 171)
(24, 56, 170)
(24, 57, 169)
(24, 58, 168)
(24, 59, 167)
(24, 60, 166)
(24, 61, 165)

(24, 62, 164)
(24, 63, 163)
(24, 64, 162)
(24, 65, 161)
(24, 66, 160)
(24, 67, 159)
(24, 68, 158)
(24, 69, 157)
(24, 70, 156)
(24, 71, 155)
(24, 72, 154)
(24, 73, 153)
(24, 74, 152)
(24, 75, 151)
(24, 76, 150)
(24, 77, 149)
(24, 78, 148)
(24, 79, 147)
(24, 80, 146)
(24, 81, 145)
(24, 82, 144)
(24, 83, 143)
(24, 84, 142)
(24, 85, 141)
(24, 86, 140)
(24, 87, 139)
(24, 88, 138)
(24, 89, 137)
(24, 90, 136)
(24, 91, 135)
(24, 92, 134)
(24, 93, 133)
(24, 94, 132)
(24, 95, 131)
(24, 96, 130)
(24, 97, 129)
(24, 98, 128)
(24, 99, 127)
(24, 100, 126)
(24, 101, 125)
(24, 102, 124)
(24, 103, 123)
(24, 104, 122)
(24, 105, 121)
(24, 106, 120)
(24, 107, 119)
(24, 108, 118)
(24, 109, 117)

(24, 110, 116)
(24, 111, 115)
(24, 112, 114)
(24, 113, 113)
(24, 114, 112)
(24, 115, 111)
(24, 116, 110)
(24, 117, 109)
(24, 118, 108)
(24, 119, 107)
(24, 120, 106)
(24, 121, 105)
(24, 122, 104)
(24, 123, 103)
(24, 124, 102)
(24, 125, 101)
(24, 126, 100)
(24, 127, 99)
(24, 128, 98)
(24, 129, 97)
(24, 130, 96)
(24, 131, 95)
(24, 132, 94)
(24, 133, 93)
(24, 134, 92)
(24, 135, 91)
(24, 136, 90)
(24, 137, 89)
(24, 138, 88)
(24, 139, 87)
(24, 140, 86)
(24, 141, 85)
(24, 142, 84)
(24, 143, 83)
(24, 144, 82)
(24, 145, 81)
(24, 146, 80)
(24, 147, 79)
(24, 148, 78)
(24, 149, 77)
(24, 150, 76)
(24, 151, 75)
(24, 152, 74)
(24, 153, 73)
(24, 154, 72)
(24, 155, 71)
(24, 156, 70)
(24, 157, 69)

(24, 158, 68)
(24, 159, 67)
(24, 160, 66)
(24, 161, 65)
(24, 162, 64)
(24, 163, 63)
(24, 164, 62)
(24, 165, 61)
(24, 166, 60)
(24, 167, 59)
(24, 168, 58)
(24, 169, 57)
(24, 170, 56)
(24, 171, 55)
(24, 172, 54)
(24, 173, 53)
(24, 174, 52)
(24, 175, 51)
(24, 176, 50)
(24, 177, 49)
(24, 178, 48)
(24, 179, 47)
(24, 180, 46)
(24, 181, 45)
(24, 182, 44)
(24, 183, 43)
(24, 184, 42)
(24, 185, 41)
(24, 186, 40)
(24, 187, 39)
(24, 188, 38)
(24, 189, 37)
(24, 190, 36)
(24, 191, 35)
(24, 192, 34)
(24, 193, 33)
(24, 194, 32)
(24, 195, 31)
(24, 196, 30)
(24, 197, 29)
(24, 198, 28)
(24, 199, 27)
(24, 200, 26)
(24, 201, 25)
(24, 202, 24)
(24, 203, 23)
(24, 204, 22)
(24, 205, 21)

(24, 206, 20)
(24, 207, 19)
(24, 208, 18)
(24, 209, 17)
(24, 210, 16)
(24, 211, 15)
(24, 212, 14)
(24, 213, 13)
(24, 214, 12)
(24, 215, 11)
(24, 216, 10)
(24, 217, 9)
(24, 218, 8)
(24, 219, 7)
(24, 220, 6)
(24, 221, 5)
(24, 222, 4)
(24, 223, 3)
(24, 224, 2)
(24, 225, 1)
(24, 226, 0)
(25, 0, 225)
(25, 1, 224)
(25, 2, 223)
(25, 3, 222)
(25, 4, 221)
(25, 5, 220)
(25, 6, 219)
(25, 7, 218)
(25, 8, 217)
(25, 9, 216)
(25, 10, 215)
(25, 11, 214)
(25, 12, 213)
(25, 13, 212)
(25, 14, 211)
(25, 15, 210)
(25, 16, 209)
(25, 17, 208)
(25, 18, 207)
(25, 19, 206)
(25, 20, 205)
(25, 21, 204)
(25, 22, 203)
(25, 23, 202)
(25, 24, 201)
(25, 25, 200)
(25, 26, 199)

(25, 27, 198)
(25, 28, 197)
(25, 29, 196)
(25, 30, 195)
(25, 31, 194)
(25, 32, 193)
(25, 33, 192)
(25, 34, 191)
(25, 35, 190)
(25, 36, 189)
(25, 37, 188)
(25, 38, 187)
(25, 39, 186)
(25, 40, 185)
(25, 41, 184)
(25, 42, 183)
(25, 43, 182)
(25, 44, 181)
(25, 45, 180)
(25, 46, 179)
(25, 47, 178)
(25, 48, 177)
(25, 49, 176)
(25, 50, 175)
(25, 51, 174)
(25, 52, 173)
(25, 53, 172)
(25, 54, 171)
(25, 55, 170)
(25, 56, 169)
(25, 57, 168)
(25, 58, 167)
(25, 59, 166)
(25, 60, 165)
(25, 61, 164)
(25, 62, 163)
(25, 63, 162)
(25, 64, 161)
(25, 65, 160)
(25, 66, 159)
(25, 67, 158)
(25, 68, 157)
(25, 69, 156)
(25, 70, 155)
(25, 71, 154)
(25, 72, 153)
(25, 73, 152)
(25, 74, 151)

(25, 75, 150)
(25, 76, 149)
(25, 77, 148)
(25, 78, 147)
(25, 79, 146)
(25, 80, 145)
(25, 81, 144)
(25, 82, 143)
(25, 83, 142)
(25, 84, 141)
(25, 85, 140)
(25, 86, 139)
(25, 87, 138)
(25, 88, 137)
(25, 89, 136)
(25, 90, 135)
(25, 91, 134)
(25, 92, 133)
(25, 93, 132)
(25, 94, 131)
(25, 95, 130)
(25, 96, 129)
(25, 97, 128)
(25, 98, 127)
(25, 99, 126)
(25, 100, 125)
(25, 101, 124)
(25, 102, 123)
(25, 103, 122)
(25, 104, 121)
(25, 105, 120)
(25, 106, 119)
(25, 107, 118)
(25, 108, 117)
(25, 109, 116)
(25, 110, 115)
(25, 111, 114)
(25, 112, 113)
(25, 113, 112)
(25, 114, 111)
(25, 115, 110)
(25, 116, 109)
(25, 117, 108)
(25, 118, 107)
(25, 119, 106)
(25, 120, 105)
(25, 121, 104)
(25, 122, 103)

(25, 123, 102)
(25, 124, 101)
(25, 125, 100)
(25, 126, 99)
(25, 127, 98)
(25, 128, 97)
(25, 129, 96)
(25, 130, 95)
(25, 131, 94)
(25, 132, 93)
(25, 133, 92)
(25, 134, 91)
(25, 135, 90)
(25, 136, 89)
(25, 137, 88)
(25, 138, 87)
(25, 139, 86)
(25, 140, 85)
(25, 141, 84)
(25, 142, 83)
(25, 143, 82)
(25, 144, 81)
(25, 145, 80)
(25, 146, 79)
(25, 147, 78)
(25, 148, 77)
(25, 149, 76)
(25, 150, 75)
(25, 151, 74)
(25, 152, 73)
(25, 153, 72)
(25, 154, 71)
(25, 155, 70)
(25, 156, 69)
(25, 157, 68)
(25, 158, 67)
(25, 159, 66)
(25, 160, 65)
(25, 161, 64)
(25, 162, 63)
(25, 163, 62)
(25, 164, 61)
(25, 165, 60)
(25, 166, 59)
(25, 167, 58)
(25, 168, 57)
(25, 169, 56)
(25, 170, 55)

(25, 171, 54)
(25, 172, 53)
(25, 173, 52)
(25, 174, 51)
(25, 175, 50)
(25, 176, 49)
(25, 177, 48)
(25, 178, 47)
(25, 179, 46)
(25, 180, 45)
(25, 181, 44)
(25, 182, 43)
(25, 183, 42)
(25, 184, 41)
(25, 185, 40)
(25, 186, 39)
(25, 187, 38)
(25, 188, 37)
(25, 189, 36)
(25, 190, 35)
(25, 191, 34)
(25, 192, 33)
(25, 193, 32)
(25, 194, 31)
(25, 195, 30)
(25, 196, 29)
(25, 197, 28)
(25, 198, 27)
(25, 199, 26)
(25, 200, 25)
(25, 201, 24)
(25, 202, 23)
(25, 203, 22)
(25, 204, 21)
(25, 205, 20)
(25, 206, 19)
(25, 207, 18)
(25, 208, 17)
(25, 209, 16)
(25, 210, 15)
(25, 211, 14)
(25, 212, 13)
(25, 213, 12)
(25, 214, 11)
(25, 215, 10)
(25, 216, 9)
(25, 217, 8)
(25, 218, 7)

(25, 219, 6)
(25, 220, 5)
(25, 221, 4)
(25, 222, 3)
(25, 223, 2)
(25, 224, 1)
(25, 225, 0)
(26, 0, 224)
(26, 1, 223)
(26, 2, 222)
(26, 3, 221)
(26, 4, 220)
(26, 5, 219)
(26, 6, 218)
(26, 7, 217)
(26, 8, 216)
(26, 9, 215)
(26, 10, 214)
(26, 11, 213)
(26, 12, 212)
(26, 13, 211)
(26, 14, 210)
(26, 15, 209)
(26, 16, 208)
(26, 17, 207)
(26, 18, 206)
(26, 19, 205)
(26, 20, 204)
(26, 21, 203)
(26, 22, 202)
(26, 23, 201)
(26, 24, 200)
(26, 25, 199)
(26, 26, 198)
(26, 27, 197)
(26, 28, 196)
(26, 29, 195)
(26, 30, 194)
(26, 31, 193)
(26, 32, 192)
(26, 33, 191)
(26, 34, 190)
(26, 35, 189)
(26, 36, 188)
(26, 37, 187)
(26, 38, 186)
(26, 39, 185)
(26, 40, 184)

(26, 41, 183)
(26, 42, 182)
(26, 43, 181)
(26, 44, 180)
(26, 45, 179)
(26, 46, 178)
(26, 47, 177)
(26, 48, 176)
(26, 49, 175)
(26, 50, 174)
(26, 51, 173)
(26, 52, 172)
(26, 53, 171)
(26, 54, 170)
(26, 55, 169)
(26, 56, 168)
(26, 57, 167)
(26, 58, 166)
(26, 59, 165)
(26, 60, 164)
(26, 61, 163)
(26, 62, 162)
(26, 63, 161)
(26, 64, 160)
(26, 65, 159)
(26, 66, 158)
(26, 67, 157)
(26, 68, 156)
(26, 69, 155)
(26, 70, 154)
(26, 71, 153)
(26, 72, 152)
(26, 73, 151)
(26, 74, 150)
(26, 75, 149)
(26, 76, 148)
(26, 77, 147)
(26, 78, 146)
(26, 79, 145)
(26, 80, 144)
(26, 81, 143)
(26, 82, 142)
(26, 83, 141)
(26, 84, 140)
(26, 85, 139)
(26, 86, 138)
(26, 87, 137)
(26, 88, 136)

(26, 89, 135)
(26, 90, 134)
(26, 91, 133)
(26, 92, 132)
(26, 93, 131)
(26, 94, 130)
(26, 95, 129)
(26, 96, 128)
(26, 97, 127)
(26, 98, 126)
(26, 99, 125)
(26, 100, 124)
(26, 101, 123)
(26, 102, 122)
(26, 103, 121)
(26, 104, 120)
(26, 105, 119)
(26, 106, 118)
(26, 107, 117)
(26, 108, 116)
(26, 109, 115)
(26, 110, 114)
(26, 111, 113)
(26, 112, 112)
(26, 113, 111)
(26, 114, 110)
(26, 115, 109)
(26, 116, 108)
(26, 117, 107)
(26, 118, 106)
(26, 119, 105)
(26, 120, 104)
(26, 121, 103)
(26, 122, 102)
(26, 123, 101)
(26, 124, 100)
(26, 125, 99)
(26, 126, 98)
(26, 127, 97)
(26, 128, 96)
(26, 129, 95)
(26, 130, 94)
(26, 131, 93)
(26, 132, 92)
(26, 133, 91)
(26, 134, 90)
(26, 135, 89)
(26, 136, 88)

(26, 137, 87)
(26, 138, 86)
(26, 139, 85)
(26, 140, 84)
(26, 141, 83)
(26, 142, 82)
(26, 143, 81)
(26, 144, 80)
(26, 145, 79)
(26, 146, 78)
(26, 147, 77)
(26, 148, 76)
(26, 149, 75)
(26, 150, 74)
(26, 151, 73)
(26, 152, 72)
(26, 153, 71)
(26, 154, 70)
(26, 155, 69)
(26, 156, 68)
(26, 157, 67)
(26, 158, 66)
(26, 159, 65)
(26, 160, 64)
(26, 161, 63)
(26, 162, 62)
(26, 163, 61)
(26, 164, 60)
(26, 165, 59)
(26, 166, 58)
(26, 167, 57)
(26, 168, 56)
(26, 169, 55)
(26, 170, 54)
(26, 171, 53)
(26, 172, 52)
(26, 173, 51)
(26, 174, 50)
(26, 175, 49)
(26, 176, 48)
(26, 177, 47)
(26, 178, 46)
(26, 179, 45)
(26, 180, 44)
(26, 181, 43)
(26, 182, 42)
(26, 183, 41)
(26, 184, 40)

(26, 185, 39)
(26, 186, 38)
(26, 187, 37)
(26, 188, 36)
(26, 189, 35)
(26, 190, 34)
(26, 191, 33)
(26, 192, 32)
(26, 193, 31)
(26, 194, 30)
(26, 195, 29)
(26, 196, 28)
(26, 197, 27)
(26, 198, 26)
(26, 199, 25)
(26, 200, 24)
(26, 201, 23)
(26, 202, 22)
(26, 203, 21)
(26, 204, 20)
(26, 205, 19)
(26, 206, 18)
(26, 207, 17)
(26, 208, 16)
(26, 209, 15)
(26, 210, 14)
(26, 211, 13)
(26, 212, 12)
(26, 213, 11)
(26, 214, 10)
(26, 215, 9)
(26, 216, 8)
(26, 217, 7)
(26, 218, 6)
(26, 219, 5)
(26, 220, 4)
(26, 221, 3)
(26, 222, 2)
(26, 223, 1)
(26, 224, 0)
(27, 0, 223)
(27, 1, 222)
(27, 2, 221)
(27, 3, 220)
(27, 4, 219)
(27, 5, 218)
(27, 6, 217)
(27, 7, 216)

(27, 8, 215)
(27, 9, 214)
(27, 10, 213)
(27, 11, 212)
(27, 12, 211)
(27, 13, 210)
(27, 14, 209)
(27, 15, 208)
(27, 16, 207)
(27, 17, 206)
(27, 18, 205)
(27, 19, 204)
(27, 20, 203)
(27, 21, 202)
(27, 22, 201)
(27, 23, 200)
(27, 24, 199)
(27, 25, 198)
(27, 26, 197)
(27, 27, 196)
(27, 28, 195)
(27, 29, 194)
(27, 30, 193)
(27, 31, 192)
(27, 32, 191)
(27, 33, 190)
(27, 34, 189)
(27, 35, 188)
(27, 36, 187)
(27, 37, 186)
(27, 38, 185)
(27, 39, 184)
(27, 40, 183)
(27, 41, 182)
(27, 42, 181)
(27, 43, 180)
(27, 44, 179)
(27, 45, 178)
(27, 46, 177)
(27, 47, 176)
(27, 48, 175)
(27, 49, 174)
(27, 50, 173)
(27, 51, 172)
(27, 52, 171)
(27, 53, 170)
(27, 54, 169)
(27, 55, 168)

(27, 56, 167)
(27, 57, 166)
(27, 58, 165)
(27, 59, 164)
(27, 60, 163)
(27, 61, 162)
(27, 62, 161)
(27, 63, 160)
(27, 64, 159)
(27, 65, 158)
(27, 66, 157)
(27, 67, 156)
(27, 68, 155)
(27, 69, 154)
(27, 70, 153)
(27, 71, 152)
(27, 72, 151)
(27, 73, 150)
(27, 74, 149)
(27, 75, 148)
(27, 76, 147)
(27, 77, 146)
(27, 78, 145)
(27, 79, 144)
(27, 80, 143)
(27, 81, 142)
(27, 82, 141)
(27, 83, 140)
(27, 84, 139)
(27, 85, 138)
(27, 86, 137)
(27, 87, 136)
(27, 88, 135)
(27, 89, 134)
(27, 90, 133)
(27, 91, 132)
(27, 92, 131)
(27, 93, 130)
(27, 94, 129)
(27, 95, 128)
(27, 96, 127)
(27, 97, 126)
(27, 98, 125)
(27, 99, 124)
(27, 100, 123)
(27, 101, 122)
(27, 102, 121)
(27, 103, 120)

(27, 104, 119)
(27, 105, 118)
(27, 106, 117)
(27, 107, 116)
(27, 108, 115)
(27, 109, 114)
(27, 110, 113)
(27, 111, 112)
(27, 112, 111)
(27, 113, 110)
(27, 114, 109)
(27, 115, 108)
(27, 116, 107)
(27, 117, 106)
(27, 118, 105)
(27, 119, 104)
(27, 120, 103)
(27, 121, 102)
(27, 122, 101)
(27, 123, 100)
(27, 124, 99)
(27, 125, 98)
(27, 126, 97)
(27, 127, 96)
(27, 128, 95)
(27, 129, 94)
(27, 130, 93)
(27, 131, 92)
(27, 132, 91)
(27, 133, 90)
(27, 134, 89)
(27, 135, 88)
(27, 136, 87)
(27, 137, 86)
(27, 138, 85)
(27, 139, 84)
(27, 140, 83)
(27, 141, 82)
(27, 142, 81)
(27, 143, 80)
(27, 144, 79)
(27, 145, 78)
(27, 146, 77)
(27, 147, 76)
(27, 148, 75)
(27, 149, 74)
(27, 150, 73)
(27, 151, 72)

(27, 152, 71)
(27, 153, 70)
(27, 154, 69)
(27, 155, 68)
(27, 156, 67)
(27, 157, 66)
(27, 158, 65)
(27, 159, 64)
(27, 160, 63)
(27, 161, 62)
(27, 162, 61)
(27, 163, 60)
(27, 164, 59)
(27, 165, 58)
(27, 166, 57)
(27, 167, 56)
(27, 168, 55)
(27, 169, 54)
(27, 170, 53)
(27, 171, 52)
(27, 172, 51)
(27, 173, 50)
(27, 174, 49)
(27, 175, 48)
(27, 176, 47)
(27, 177, 46)
(27, 178, 45)
(27, 179, 44)
(27, 180, 43)
(27, 181, 42)
(27, 182, 41)
(27, 183, 40)
(27, 184, 39)
(27, 185, 38)
(27, 186, 37)
(27, 187, 36)
(27, 188, 35)
(27, 189, 34)
(27, 190, 33)
(27, 191, 32)
(27, 192, 31)
(27, 193, 30)
(27, 194, 29)
(27, 195, 28)
(27, 196, 27)
(27, 197, 26)
(27, 198, 25)
(27, 199, 24)

(27, 200, 23)
(27, 201, 22)
(27, 202, 21)
(27, 203, 20)
(27, 204, 19)
(27, 205, 18)
(27, 206, 17)
(27, 207, 16)
(27, 208, 15)
(27, 209, 14)
(27, 210, 13)
(27, 211, 12)
(27, 212, 11)
(27, 213, 10)
(27, 214, 9)
(27, 215, 8)
(27, 216, 7)
(27, 217, 6)
(27, 218, 5)
(27, 219, 4)
(27, 220, 3)
(27, 221, 2)
(27, 222, 1)
(27, 223, 0)
(28, 0, 222)
(28, 1, 221)
(28, 2, 220)
(28, 3, 219)
(28, 4, 218)
(28, 5, 217)
(28, 6, 216)
(28, 7, 215)
(28, 8, 214)
(28, 9, 213)
(28, 10, 212)
(28, 11, 211)
(28, 12, 210)
(28, 13, 209)
(28, 14, 208)
(28, 15, 207)
(28, 16, 206)
(28, 17, 205)
(28, 18, 204)
(28, 19, 203)
(28, 20, 202)
(28, 21, 201)
(28, 22, 200)
(28, 23, 199)

(28, 24, 198)
(28, 25, 197)
(28, 26, 196)
(28, 27, 195)
(28, 28, 194)
(28, 29, 193)
(28, 30, 192)
(28, 31, 191)
(28, 32, 190)
(28, 33, 189)
(28, 34, 188)
(28, 35, 187)
(28, 36, 186)
(28, 37, 185)
(28, 38, 184)
(28, 39, 183)
(28, 40, 182)
(28, 41, 181)
(28, 42, 180)
(28, 43, 179)
(28, 44, 178)
(28, 45, 177)
(28, 46, 176)
(28, 47, 175)
(28, 48, 174)
(28, 49, 173)
(28, 50, 172)
(28, 51, 171)
(28, 52, 170)
(28, 53, 169)
(28, 54, 168)
(28, 55, 167)
(28, 56, 166)
(28, 57, 165)
(28, 58, 164)
(28, 59, 163)
(28, 60, 162)
(28, 61, 161)
(28, 62, 160)
(28, 63, 159)
(28, 64, 158)
(28, 65, 157)
(28, 66, 156)
(28, 67, 155)
(28, 68, 154)
(28, 69, 153)
(28, 70, 152)
(28, 71, 151)

(28, 72, 150)
(28, 73, 149)
(28, 74, 148)
(28, 75, 147)
(28, 76, 146)
(28, 77, 145)
(28, 78, 144)
(28, 79, 143)
(28, 80, 142)
(28, 81, 141)
(28, 82, 140)
(28, 83, 139)
(28, 84, 138)
(28, 85, 137)
(28, 86, 136)
(28, 87, 135)
(28, 88, 134)
(28, 89, 133)
(28, 90, 132)
(28, 91, 131)
(28, 92, 130)
(28, 93, 129)
(28, 94, 128)
(28, 95, 127)
(28, 96, 126)
(28, 97, 125)
(28, 98, 124)
(28, 99, 123)
(28, 100, 122)
(28, 101, 121)
(28, 102, 120)
(28, 103, 119)
(28, 104, 118)
(28, 105, 117)
(28, 106, 116)
(28, 107, 115)
(28, 108, 114)
(28, 109, 113)
(28, 110, 112)
(28, 111, 111)
(28, 112, 110)
(28, 113, 109)
(28, 114, 108)
(28, 115, 107)
(28, 116, 106)
(28, 117, 105)
(28, 118, 104)
(28, 119, 103)

(28, 120, 102)
(28, 121, 101)
(28, 122, 100)
(28, 123, 99)
(28, 124, 98)
(28, 125, 97)
(28, 126, 96)
(28, 127, 95)
(28, 128, 94)
(28, 129, 93)
(28, 130, 92)
(28, 131, 91)
(28, 132, 90)
(28, 133, 89)
(28, 134, 88)
(28, 135, 87)
(28, 136, 86)
(28, 137, 85)
(28, 138, 84)
(28, 139, 83)
(28, 140, 82)
(28, 141, 81)
(28, 142, 80)
(28, 143, 79)
(28, 144, 78)
(28, 145, 77)
(28, 146, 76)
(28, 147, 75)
(28, 148, 74)
(28, 149, 73)
(28, 150, 72)
(28, 151, 71)
(28, 152, 70)
(28, 153, 69)
(28, 154, 68)
(28, 155, 67)
(28, 156, 66)
(28, 157, 65)
(28, 158, 64)
(28, 159, 63)
(28, 160, 62)
(28, 161, 61)
(28, 162, 60)
(28, 163, 59)
(28, 164, 58)
(28, 165, 57)
(28, 166, 56)
(28, 167, 55)

(28, 168, 54)
(28, 169, 53)
(28, 170, 52)
(28, 171, 51)
(28, 172, 50)
(28, 173, 49)
(28, 174, 48)
(28, 175, 47)
(28, 176, 46)
(28, 177, 45)
(28, 178, 44)
(28, 179, 43)
(28, 180, 42)
(28, 181, 41)
(28, 182, 40)
(28, 183, 39)
(28, 184, 38)
(28, 185, 37)
(28, 186, 36)
(28, 187, 35)
(28, 188, 34)
(28, 189, 33)
(28, 190, 32)
(28, 191, 31)
(28, 192, 30)
(28, 193, 29)
(28, 194, 28)
(28, 195, 27)
(28, 196, 26)
(28, 197, 25)
(28, 198, 24)
(28, 199, 23)
(28, 200, 22)
(28, 201, 21)
(28, 202, 20)
(28, 203, 19)
(28, 204, 18)
(28, 205, 17)
(28, 206, 16)
(28, 207, 15)
(28, 208, 14)
(28, 209, 13)
(28, 210, 12)
(28, 211, 11)
(28, 212, 10)
(28, 213, 9)
(28, 214, 8)
(28, 215, 7)

(28, 216, 6)
(28, 217, 5)
(28, 218, 4)
(28, 219, 3)
(28, 220, 2)
(28, 221, 1)
(28, 222, 0)
(29, 0, 221)
(29, 1, 220)
(29, 2, 219)
(29, 3, 218)
(29, 4, 217)
(29, 5, 216)
(29, 6, 215)
(29, 7, 214)
(29, 8, 213)
(29, 9, 212)
(29, 10, 211)
(29, 11, 210)
(29, 12, 209)
(29, 13, 208)
(29, 14, 207)
(29, 15, 206)
(29, 16, 205)
(29, 17, 204)
(29, 18, 203)
(29, 19, 202)
(29, 20, 201)
(29, 21, 200)
(29, 22, 199)
(29, 23, 198)
(29, 24, 197)
(29, 25, 196)
(29, 26, 195)
(29, 27, 194)
(29, 28, 193)
(29, 29, 192)
(29, 30, 191)
(29, 31, 190)
(29, 32, 189)
(29, 33, 188)
(29, 34, 187)
(29, 35, 186)
(29, 36, 185)
(29, 37, 184)
(29, 38, 183)
(29, 39, 182)
(29, 40, 181)

(29, 41, 180)
(29, 42, 179)
(29, 43, 178)
(29, 44, 177)
(29, 45, 176)
(29, 46, 175)
(29, 47, 174)
(29, 48, 173)
(29, 49, 172)
(29, 50, 171)
(29, 51, 170)
(29, 52, 169)
(29, 53, 168)
(29, 54, 167)
(29, 55, 166)
(29, 56, 165)
(29, 57, 164)
(29, 58, 163)
(29, 59, 162)
(29, 60, 161)
(29, 61, 160)
(29, 62, 159)
(29, 63, 158)
(29, 64, 157)
(29, 65, 156)
(29, 66, 155)
(29, 67, 154)
(29, 68, 153)
(29, 69, 152)
(29, 70, 151)
(29, 71, 150)
(29, 72, 149)
(29, 73, 148)
(29, 74, 147)
(29, 75, 146)
(29, 76, 145)
(29, 77, 144)
(29, 78, 143)
(29, 79, 142)
(29, 80, 141)
(29, 81, 140)
(29, 82, 139)
(29, 83, 138)
(29, 84, 137)
(29, 85, 136)
(29, 86, 135)
(29, 87, 134)
(29, 88, 133)

(29, 89, 132)
(29, 90, 131)
(29, 91, 130)
(29, 92, 129)
(29, 93, 128)
(29, 94, 127)
(29, 95, 126)
(29, 96, 125)
(29, 97, 124)
(29, 98, 123)
(29, 99, 122)
(29, 100, 121)
(29, 101, 120)
(29, 102, 119)
(29, 103, 118)
(29, 104, 117)
(29, 105, 116)
(29, 106, 115)
(29, 107, 114)
(29, 108, 113)
(29, 109, 112)
(29, 110, 111)
(29, 111, 110)
(29, 112, 109)
(29, 113, 108)
(29, 114, 107)
(29, 115, 106)
(29, 116, 105)
(29, 117, 104)
(29, 118, 103)
(29, 119, 102)
(29, 120, 101)
(29, 121, 100)
(29, 122, 99)
(29, 123, 98)
(29, 124, 97)
(29, 125, 96)
(29, 126, 95)
(29, 127, 94)
(29, 128, 93)
(29, 129, 92)
(29, 130, 91)
(29, 131, 90)
(29, 132, 89)
(29, 133, 88)
(29, 134, 87)
(29, 135, 86)
(29, 136, 85)

(29, 137, 84)
(29, 138, 83)
(29, 139, 82)
(29, 140, 81)
(29, 141, 80)
(29, 142, 79)
(29, 143, 78)
(29, 144, 77)
(29, 145, 76)
(29, 146, 75)
(29, 147, 74)
(29, 148, 73)
(29, 149, 72)
(29, 150, 71)
(29, 151, 70)
(29, 152, 69)
(29, 153, 68)
(29, 154, 67)
(29, 155, 66)
(29, 156, 65)
(29, 157, 64)
(29, 158, 63)
(29, 159, 62)
(29, 160, 61)
(29, 161, 60)
(29, 162, 59)
(29, 163, 58)
(29, 164, 57)
(29, 165, 56)
(29, 166, 55)
(29, 167, 54)
(29, 168, 53)
(29, 169, 52)
(29, 170, 51)
(29, 171, 50)
(29, 172, 49)
(29, 173, 48)
(29, 174, 47)
(29, 175, 46)
(29, 176, 45)
(29, 177, 44)
(29, 178, 43)
(29, 179, 42)
(29, 180, 41)
(29, 181, 40)
(29, 182, 39)
(29, 183, 38)
(29, 184, 37)

(29, 185, 36)
(29, 186, 35)
(29, 187, 34)
(29, 188, 33)
(29, 189, 32)
(29, 190, 31)
(29, 191, 30)
(29, 192, 29)
(29, 193, 28)
(29, 194, 27)
(29, 195, 26)
(29, 196, 25)
(29, 197, 24)
(29, 198, 23)
(29, 199, 22)
(29, 200, 21)
(29, 201, 20)
(29, 202, 19)
(29, 203, 18)
(29, 204, 17)
(29, 205, 16)
(29, 206, 15)
(29, 207, 14)
(29, 208, 13)
(29, 209, 12)
(29, 210, 11)
(29, 211, 10)
(29, 212, 9)
(29, 213, 8)
(29, 214, 7)
(29, 215, 6)
(29, 216, 5)
(29, 217, 4)
(29, 218, 3)
(29, 219, 2)
(29, 220, 1)
(29, 221, 0)
(30, 0, 220)
(30, 1, 219)
(30, 2, 218)
(30, 3, 217)
(30, 4, 216)
(30, 5, 215)
(30, 6, 214)
(30, 7, 213)
(30, 8, 212)
(30, 9, 211)
(30, 10, 210)

(30, 11, 209)
(30, 12, 208)
(30, 13, 207)
(30, 14, 206)
(30, 15, 205)
(30, 16, 204)
(30, 17, 203)
(30, 18, 202)
(30, 19, 201)
(30, 20, 200)
(30, 21, 199)
(30, 22, 198)
(30, 23, 197)
(30, 24, 196)
(30, 25, 195)
(30, 26, 194)
(30, 27, 193)
(30, 28, 192)
(30, 29, 191)
(30, 30, 190)
(30, 31, 189)
(30, 32, 188)
(30, 33, 187)
(30, 34, 186)
(30, 35, 185)
(30, 36, 184)
(30, 37, 183)
(30, 38, 182)
(30, 39, 181)
(30, 40, 180)
(30, 41, 179)
(30, 42, 178)
(30, 43, 177)
(30, 44, 176)
(30, 45, 175)
(30, 46, 174)
(30, 47, 173)
(30, 48, 172)
(30, 49, 171)
(30, 50, 170)
(30, 51, 169)
(30, 52, 168)
(30, 53, 167)
(30, 54, 166)
(30, 55, 165)
(30, 56, 164)
(30, 57, 163)
(30, 58, 162)

(30, 59, 161)
(30, 60, 160)
(30, 61, 159)
(30, 62, 158)
(30, 63, 157)
(30, 64, 156)
(30, 65, 155)
(30, 66, 154)
(30, 67, 153)
(30, 68, 152)
(30, 69, 151)
(30, 70, 150)
(30, 71, 149)
(30, 72, 148)
(30, 73, 147)
(30, 74, 146)
(30, 75, 145)
(30, 76, 144)
(30, 77, 143)
(30, 78, 142)
(30, 79, 141)
(30, 80, 140)
(30, 81, 139)
(30, 82, 138)
(30, 83, 137)
(30, 84, 136)
(30, 85, 135)
(30, 86, 134)
(30, 87, 133)
(30, 88, 132)
(30, 89, 131)
(30, 90, 130)
(30, 91, 129)
(30, 92, 128)
(30, 93, 127)
(30, 94, 126)
(30, 95, 125)
(30, 96, 124)
(30, 97, 123)
(30, 98, 122)
(30, 99, 121)
(30, 100, 120)
(30, 101, 119)
(30, 102, 118)
(30, 103, 117)
(30, 104, 116)
(30, 105, 115)
(30, 106, 114)

(30, 107, 113)
(30, 108, 112)
(30, 109, 111)
(30, 110, 110)
(30, 111, 109)
(30, 112, 108)
(30, 113, 107)
(30, 114, 106)
(30, 115, 105)
(30, 116, 104)
(30, 117, 103)
(30, 118, 102)
(30, 119, 101)
(30, 120, 100)
(30, 121, 99)
(30, 122, 98)
(30, 123, 97)
(30, 124, 96)
(30, 125, 95)
(30, 126, 94)
(30, 127, 93)
(30, 128, 92)
(30, 129, 91)
(30, 130, 90)
(30, 131, 89)
(30, 132, 88)
(30, 133, 87)
(30, 134, 86)
(30, 135, 85)
(30, 136, 84)
(30, 137, 83)
(30, 138, 82)
(30, 139, 81)
(30, 140, 80)
(30, 141, 79)
(30, 142, 78)
(30, 143, 77)
(30, 144, 76)
(30, 145, 75)
(30, 146, 74)
(30, 147, 73)
(30, 148, 72)
(30, 149, 71)
(30, 150, 70)
(30, 151, 69)
(30, 152, 68)
(30, 153, 67)
(30, 154, 66)

(30, 155, 65)
(30, 156, 64)
(30, 157, 63)
(30, 158, 62)
(30, 159, 61)
(30, 160, 60)
(30, 161, 59)
(30, 162, 58)
(30, 163, 57)
(30, 164, 56)
(30, 165, 55)
(30, 166, 54)
(30, 167, 53)
(30, 168, 52)
(30, 169, 51)
(30, 170, 50)
(30, 171, 49)
(30, 172, 48)
(30, 173, 47)
(30, 174, 46)
(30, 175, 45)
(30, 176, 44)
(30, 177, 43)
(30, 178, 42)
(30, 179, 41)
(30, 180, 40)
(30, 181, 39)
(30, 182, 38)
(30, 183, 37)
(30, 184, 36)
(30, 185, 35)
(30, 186, 34)
(30, 187, 33)
(30, 188, 32)
(30, 189, 31)
(30, 190, 30)
(30, 191, 29)
(30, 192, 28)
(30, 193, 27)
(30, 194, 26)
(30, 195, 25)
(30, 196, 24)
(30, 197, 23)
(30, 198, 22)
(30, 199, 21)
(30, 200, 20)
(30, 201, 19)
(30, 202, 18)

(30, 203, 17)
(30, 204, 16)
(30, 205, 15)
(30, 206, 14)
(30, 207, 13)
(30, 208, 12)
(30, 209, 11)
(30, 210, 10)
(30, 211, 9)
(30, 212, 8)
(30, 213, 7)
(30, 214, 6)
(30, 215, 5)
(30, 216, 4)
(30, 217, 3)
(30, 218, 2)
(30, 219, 1)
(30, 220, 0)
(31, 0, 219)
(31, 1, 218)
(31, 2, 217)
(31, 3, 216)
(31, 4, 215)
(31, 5, 214)
(31, 6, 213)
(31, 7, 212)
(31, 8, 211)
(31, 9, 210)
(31, 10, 209)
(31, 11, 208)
(31, 12, 207)
(31, 13, 206)
(31, 14, 205)
(31, 15, 204)
(31, 16, 203)
(31, 17, 202)
(31, 18, 201)
(31, 19, 200)
(31, 20, 199)
(31, 21, 198)
(31, 22, 197)
(31, 23, 196)
(31, 24, 195)
(31, 25, 194)
(31, 26, 193)
(31, 27, 192)
(31, 28, 191)
(31, 29, 190)

(31, 30, 189)
(31, 31, 188)
(31, 32, 187)
(31, 33, 186)
(31, 34, 185)
(31, 35, 184)
(31, 36, 183)
(31, 37, 182)
(31, 38, 181)
(31, 39, 180)
(31, 40, 179)
(31, 41, 178)
(31, 42, 177)
(31, 43, 176)
(31, 44, 175)
(31, 45, 174)
(31, 46, 173)
(31, 47, 172)
(31, 48, 171)
(31, 49, 170)
(31, 50, 169)
(31, 51, 168)
(31, 52, 167)
(31, 53, 166)
(31, 54, 165)
(31, 55, 164)
(31, 56, 163)
(31, 57, 162)
(31, 58, 161)
(31, 59, 160)
(31, 60, 159)
(31, 61, 158)
(31, 62, 157)
(31, 63, 156)
(31, 64, 155)
(31, 65, 154)
(31, 66, 153)
(31, 67, 152)
(31, 68, 151)
(31, 69, 150)
(31, 70, 149)
(31, 71, 148)
(31, 72, 147)
(31, 73, 146)
(31, 74, 145)
(31, 75, 144)
(31, 76, 143)
(31, 77, 142)

(31, 78, 141)
(31, 79, 140)
(31, 80, 139)
(31, 81, 138)
(31, 82, 137)
(31, 83, 136)
(31, 84, 135)
(31, 85, 134)
(31, 86, 133)
(31, 87, 132)
(31, 88, 131)
(31, 89, 130)
(31, 90, 129)
(31, 91, 128)
(31, 92, 127)
(31, 93, 126)
(31, 94, 125)
(31, 95, 124)
(31, 96, 123)
(31, 97, 122)
(31, 98, 121)
(31, 99, 120)
(31, 100, 119)
(31, 101, 118)
(31, 102, 117)
(31, 103, 116)
(31, 104, 115)
(31, 105, 114)
(31, 106, 113)
(31, 107, 112)
(31, 108, 111)
(31, 109, 110)
(31, 110, 109)
(31, 111, 108)
(31, 112, 107)
(31, 113, 106)
(31, 114, 105)
(31, 115, 104)
(31, 116, 103)
(31, 117, 102)
(31, 118, 101)
(31, 119, 100)
(31, 120, 99)
(31, 121, 98)
(31, 122, 97)
(31, 123, 96)
(31, 124, 95)
(31, 125, 94)

(31, 126, 93)
(31, 127, 92)
(31, 128, 91)
(31, 129, 90)
(31, 130, 89)
(31, 131, 88)
(31, 132, 87)
(31, 133, 86)
(31, 134, 85)
(31, 135, 84)
(31, 136, 83)
(31, 137, 82)
(31, 138, 81)
(31, 139, 80)
(31, 140, 79)
(31, 141, 78)
(31, 142, 77)
(31, 143, 76)
(31, 144, 75)
(31, 145, 74)
(31, 146, 73)
(31, 147, 72)
(31, 148, 71)
(31, 149, 70)
(31, 150, 69)
(31, 151, 68)
(31, 152, 67)
(31, 153, 66)
(31, 154, 65)
(31, 155, 64)
(31, 156, 63)
(31, 157, 62)
(31, 158, 61)
(31, 159, 60)
(31, 160, 59)
(31, 161, 58)
(31, 162, 57)
(31, 163, 56)
(31, 164, 55)
(31, 165, 54)
(31, 166, 53)
(31, 167, 52)
(31, 168, 51)
(31, 169, 50)
(31, 170, 49)
(31, 171, 48)
(31, 172, 47)
(31, 173, 46)

(31, 174, 45)
(31, 175, 44)
(31, 176, 43)
(31, 177, 42)
(31, 178, 41)
(31, 179, 40)
(31, 180, 39)
(31, 181, 38)
(31, 182, 37)
(31, 183, 36)
(31, 184, 35)
(31, 185, 34)
(31, 186, 33)
(31, 187, 32)
(31, 188, 31)
(31, 189, 30)
(31, 190, 29)
(31, 191, 28)
(31, 192, 27)
(31, 193, 26)
(31, 194, 25)
(31, 195, 24)
(31, 196, 23)
(31, 197, 22)
(31, 198, 21)
(31, 199, 20)
(31, 200, 19)
(31, 201, 18)
(31, 202, 17)
(31, 203, 16)
(31, 204, 15)
(31, 205, 14)
(31, 206, 13)
(31, 207, 12)
(31, 208, 11)
(31, 209, 10)
(31, 210, 9)
(31, 211, 8)
(31, 212, 7)
(31, 213, 6)
(31, 214, 5)
(31, 215, 4)
(31, 216, 3)
(31, 217, 2)
(31, 218, 1)
(31, 219, 0)
(32, 0, 218)
(32, 1, 217)

(32, 2, 216)
(32, 3, 215)
(32, 4, 214)
(32, 5, 213)
(32, 6, 212)
(32, 7, 211)
(32, 8, 210)
(32, 9, 209)
(32, 10, 208)
(32, 11, 207)
(32, 12, 206)
(32, 13, 205)
(32, 14, 204)
(32, 15, 203)
(32, 16, 202)
(32, 17, 201)
(32, 18, 200)
(32, 19, 199)
(32, 20, 198)
(32, 21, 197)
(32, 22, 196)
(32, 23, 195)
(32, 24, 194)
(32, 25, 193)
(32, 26, 192)
(32, 27, 191)
(32, 28, 190)
(32, 29, 189)
(32, 30, 188)
(32, 31, 187)
(32, 32, 186)
(32, 33, 185)
(32, 34, 184)
(32, 35, 183)
(32, 36, 182)
(32, 37, 181)
(32, 38, 180)
(32, 39, 179)
(32, 40, 178)
(32, 41, 177)
(32, 42, 176)
(32, 43, 175)
(32, 44, 174)
(32, 45, 173)
(32, 46, 172)
(32, 47, 171)
(32, 48, 170)
(32, 49, 169)

(32, 50, 168)
(32, 51, 167)
(32, 52, 166)
(32, 53, 165)
(32, 54, 164)
(32, 55, 163)
(32, 56, 162)
(32, 57, 161)
(32, 58, 160)
(32, 59, 159)
(32, 60, 158)
(32, 61, 157)
(32, 62, 156)
(32, 63, 155)
(32, 64, 154)
(32, 65, 153)
(32, 66, 152)
(32, 67, 151)
(32, 68, 150)
(32, 69, 149)
(32, 70, 148)
(32, 71, 147)
(32, 72, 146)
(32, 73, 145)
(32, 74, 144)
(32, 75, 143)
(32, 76, 142)
(32, 77, 141)
(32, 78, 140)
(32, 79, 139)
(32, 80, 138)
(32, 81, 137)
(32, 82, 136)
(32, 83, 135)
(32, 84, 134)
(32, 85, 133)
(32, 86, 132)
(32, 87, 131)
(32, 88, 130)
(32, 89, 129)
(32, 90, 128)
(32, 91, 127)
(32, 92, 126)
(32, 93, 125)
(32, 94, 124)
(32, 95, 123)
(32, 96, 122)
(32, 97, 121)

(32, 98, 120)
(32, 99, 119)
(32, 100, 118)
(32, 101, 117)
(32, 102, 116)
(32, 103, 115)
(32, 104, 114)
(32, 105, 113)
(32, 106, 112)
(32, 107, 111)
(32, 108, 110)
(32, 109, 109)
(32, 110, 108)
(32, 111, 107)
(32, 112, 106)
(32, 113, 105)
(32, 114, 104)
(32, 115, 103)
(32, 116, 102)
(32, 117, 101)
(32, 118, 100)
(32, 119, 99)
(32, 120, 98)
(32, 121, 97)
(32, 122, 96)
(32, 123, 95)
(32, 124, 94)
(32, 125, 93)
(32, 126, 92)
(32, 127, 91)
(32, 128, 90)
(32, 129, 89)
(32, 130, 88)
(32, 131, 87)
(32, 132, 86)
(32, 133, 85)
(32, 134, 84)
(32, 135, 83)
(32, 136, 82)
(32, 137, 81)
(32, 138, 80)
(32, 139, 79)
(32, 140, 78)
(32, 141, 77)
(32, 142, 76)
(32, 143, 75)
(32, 144, 74)
(32, 145, 73)

(32, 146, 72)
(32, 147, 71)
(32, 148, 70)
(32, 149, 69)
(32, 150, 68)
(32, 151, 67)
(32, 152, 66)
(32, 153, 65)
(32, 154, 64)
(32, 155, 63)
(32, 156, 62)
(32, 157, 61)
(32, 158, 60)
(32, 159, 59)
(32, 160, 58)
(32, 161, 57)
(32, 162, 56)
(32, 163, 55)
(32, 164, 54)
(32, 165, 53)
(32, 166, 52)
(32, 167, 51)
(32, 168, 50)
(32, 169, 49)
(32, 170, 48)
(32, 171, 47)
(32, 172, 46)
(32, 173, 45)
(32, 174, 44)
(32, 175, 43)
(32, 176, 42)
(32, 177, 41)
(32, 178, 40)
(32, 179, 39)
(32, 180, 38)
(32, 181, 37)
(32, 182, 36)
(32, 183, 35)
(32, 184, 34)
(32, 185, 33)
(32, 186, 32)
(32, 187, 31)
(32, 188, 30)
(32, 189, 29)
(32, 190, 28)
(32, 191, 27)
(32, 192, 26)
(32, 193, 25)

(32, 194, 24)
(32, 195, 23)
(32, 196, 22)
(32, 197, 21)
(32, 198, 20)
(32, 199, 19)
(32, 200, 18)
(32, 201, 17)
(32, 202, 16)
(32, 203, 15)
(32, 204, 14)
(32, 205, 13)
(32, 206, 12)
(32, 207, 11)
(32, 208, 10)
(32, 209, 9)
(32, 210, 8)
(32, 211, 7)
(32, 212, 6)
(32, 213, 5)
(32, 214, 4)
(32, 215, 3)
(32, 216, 2)
(32, 217, 1)
(32, 218, 0)
(33, 0, 217)
(33, 1, 216)
(33, 2, 215)
(33, 3, 214)
(33, 4, 213)
(33, 5, 212)
(33, 6, 211)
(33, 7, 210)
(33, 8, 209)
(33, 9, 208)
(33, 10, 207)
(33, 11, 206)
(33, 12, 205)
(33, 13, 204)
(33, 14, 203)
(33, 15, 202)
(33, 16, 201)
(33, 17, 200)
(33, 18, 199)
(33, 19, 198)
(33, 20, 197)
(33, 21, 196)
(33, 22, 195)

(33, 23, 194)
(33, 24, 193)
(33, 25, 192)
(33, 26, 191)
(33, 27, 190)
(33, 28, 189)
(33, 29, 188)
(33, 30, 187)
(33, 31, 186)
(33, 32, 185)
(33, 33, 184)
(33, 34, 183)
(33, 35, 182)
(33, 36, 181)
(33, 37, 180)
(33, 38, 179)
(33, 39, 178)
(33, 40, 177)
(33, 41, 176)
(33, 42, 175)
(33, 43, 174)
(33, 44, 173)
(33, 45, 172)
(33, 46, 171)
(33, 47, 170)
(33, 48, 169)
(33, 49, 168)
(33, 50, 167)
(33, 51, 166)
(33, 52, 165)
(33, 53, 164)
(33, 54, 163)
(33, 55, 162)
(33, 56, 161)
(33, 57, 160)
(33, 58, 159)
(33, 59, 158)
(33, 60, 157)
(33, 61, 156)
(33, 62, 155)
(33, 63, 154)
(33, 64, 153)
(33, 65, 152)
(33, 66, 151)
(33, 67, 150)
(33, 68, 149)
(33, 69, 148)
(33, 70, 147)

(33, 71, 146)
(33, 72, 145)
(33, 73, 144)
(33, 74, 143)
(33, 75, 142)
(33, 76, 141)
(33, 77, 140)
(33, 78, 139)
(33, 79, 138)
(33, 80, 137)
(33, 81, 136)
(33, 82, 135)
(33, 83, 134)
(33, 84, 133)
(33, 85, 132)
(33, 86, 131)
(33, 87, 130)
(33, 88, 129)
(33, 89, 128)
(33, 90, 127)
(33, 91, 126)
(33, 92, 125)
(33, 93, 124)
(33, 94, 123)
(33, 95, 122)
(33, 96, 121)
(33, 97, 120)
(33, 98, 119)
(33, 99, 118)
(33, 100, 117)
(33, 101, 116)
(33, 102, 115)
(33, 103, 114)
(33, 104, 113)
(33, 105, 112)
(33, 106, 111)
(33, 107, 110)
(33, 108, 109)
(33, 109, 108)
(33, 110, 107)
(33, 111, 106)
(33, 112, 105)
(33, 113, 104)
(33, 114, 103)
(33, 115, 102)
(33, 116, 101)
(33, 117, 100)
(33, 118, 99)

(33, 119, 98)
(33, 120, 97)
(33, 121, 96)
(33, 122, 95)
(33, 123, 94)
(33, 124, 93)
(33, 125, 92)
(33, 126, 91)
(33, 127, 90)
(33, 128, 89)
(33, 129, 88)
(33, 130, 87)
(33, 131, 86)
(33, 132, 85)
(33, 133, 84)
(33, 134, 83)
(33, 135, 82)
(33, 136, 81)
(33, 137, 80)
(33, 138, 79)
(33, 139, 78)
(33, 140, 77)
(33, 141, 76)
(33, 142, 75)
(33, 143, 74)
(33, 144, 73)
(33, 145, 72)
(33, 146, 71)
(33, 147, 70)
(33, 148, 69)
(33, 149, 68)
(33, 150, 67)
(33, 151, 66)
(33, 152, 65)
(33, 153, 64)
(33, 154, 63)
(33, 155, 62)
(33, 156, 61)
(33, 157, 60)
(33, 158, 59)
(33, 159, 58)
(33, 160, 57)
(33, 161, 56)
(33, 162, 55)
(33, 163, 54)
(33, 164, 53)
(33, 165, 52)
(33, 166, 51)

(33, 167, 50)
(33, 168, 49)
(33, 169, 48)
(33, 170, 47)
(33, 171, 46)
(33, 172, 45)
(33, 173, 44)
(33, 174, 43)
(33, 175, 42)
(33, 176, 41)
(33, 177, 40)
(33, 178, 39)
(33, 179, 38)
(33, 180, 37)
(33, 181, 36)
(33, 182, 35)
(33, 183, 34)
(33, 184, 33)
(33, 185, 32)
(33, 186, 31)
(33, 187, 30)
(33, 188, 29)
(33, 189, 28)
(33, 190, 27)
(33, 191, 26)
(33, 192, 25)
(33, 193, 24)
(33, 194, 23)
(33, 195, 22)
(33, 196, 21)
(33, 197, 20)
(33, 198, 19)
(33, 199, 18)
(33, 200, 17)
(33, 201, 16)
(33, 202, 15)
(33, 203, 14)
(33, 204, 13)
(33, 205, 12)
(33, 206, 11)
(33, 207, 10)
(33, 208, 9)
(33, 209, 8)
(33, 210, 7)
(33, 211, 6)
(33, 212, 5)
(33, 213, 4)
(33, 214, 3)

(33, 215, 2)
(33, 216, 1)
(33, 217, 0)
(34, 0, 216)
(34, 1, 215)
(34, 2, 214)
(34, 3, 213)
(34, 4, 212)
(34, 5, 211)
(34, 6, 210)
(34, 7, 209)
(34, 8, 208)
(34, 9, 207)
(34, 10, 206)
(34, 11, 205)
(34, 12, 204)
(34, 13, 203)
(34, 14, 202)
(34, 15, 201)
(34, 16, 200)
(34, 17, 199)
(34, 18, 198)
(34, 19, 197)
(34, 20, 196)
(34, 21, 195)
(34, 22, 194)
(34, 23, 193)
(34, 24, 192)
(34, 25, 191)
(34, 26, 190)
(34, 27, 189)
(34, 28, 188)
(34, 29, 187)
(34, 30, 186)
(34, 31, 185)
(34, 32, 184)
(34, 33, 183)
(34, 34, 182)
(34, 35, 181)
(34, 36, 180)
(34, 37, 179)
(34, 38, 178)
(34, 39, 177)
(34, 40, 176)
(34, 41, 175)
(34, 42, 174)
(34, 43, 173)
(34, 44, 172)

(34, 45, 171)
(34, 46, 170)
(34, 47, 169)
(34, 48, 168)
(34, 49, 167)
(34, 50, 166)
(34, 51, 165)
(34, 52, 164)
(34, 53, 163)
(34, 54, 162)
(34, 55, 161)
(34, 56, 160)
(34, 57, 159)
(34, 58, 158)
(34, 59, 157)
(34, 60, 156)
(34, 61, 155)
(34, 62, 154)
(34, 63, 153)
(34, 64, 152)
(34, 65, 151)
(34, 66, 150)
(34, 67, 149)
(34, 68, 148)
(34, 69, 147)
(34, 70, 146)
(34, 71, 145)
(34, 72, 144)
(34, 73, 143)
(34, 74, 142)
(34, 75, 141)
(34, 76, 140)
(34, 77, 139)
(34, 78, 138)
(34, 79, 137)
(34, 80, 136)
(34, 81, 135)
(34, 82, 134)
(34, 83, 133)
(34, 84, 132)
(34, 85, 131)
(34, 86, 130)
(34, 87, 129)
(34, 88, 128)
(34, 89, 127)
(34, 90, 126)
(34, 91, 125)
(34, 92, 124)

(34, 93, 123)
(34, 94, 122)
(34, 95, 121)
(34, 96, 120)
(34, 97, 119)
(34, 98, 118)
(34, 99, 117)
(34, 100, 116)
(34, 101, 115)
(34, 102, 114)
(34, 103, 113)
(34, 104, 112)
(34, 105, 111)
(34, 106, 110)
(34, 107, 109)
(34, 108, 108)
(34, 109, 107)
(34, 110, 106)
(34, 111, 105)
(34, 112, 104)
(34, 113, 103)
(34, 114, 102)
(34, 115, 101)
(34, 116, 100)
(34, 117, 99)
(34, 118, 98)
(34, 119, 97)
(34, 120, 96)
(34, 121, 95)
(34, 122, 94)
(34, 123, 93)
(34, 124, 92)
(34, 125, 91)
(34, 126, 90)
(34, 127, 89)
(34, 128, 88)
(34, 129, 87)
(34, 130, 86)
(34, 131, 85)
(34, 132, 84)
(34, 133, 83)
(34, 134, 82)
(34, 135, 81)
(34, 136, 80)
(34, 137, 79)
(34, 138, 78)
(34, 139, 77)
(34, 140, 76)

(34, 141, 75)
(34, 142, 74)
(34, 143, 73)
(34, 144, 72)
(34, 145, 71)
(34, 146, 70)
(34, 147, 69)
(34, 148, 68)
(34, 149, 67)
(34, 150, 66)
(34, 151, 65)
(34, 152, 64)
(34, 153, 63)
(34, 154, 62)
(34, 155, 61)
(34, 156, 60)
(34, 157, 59)
(34, 158, 58)
(34, 159, 57)
(34, 160, 56)
(34, 161, 55)
(34, 162, 54)
(34, 163, 53)
(34, 164, 52)
(34, 165, 51)
(34, 166, 50)
(34, 167, 49)
(34, 168, 48)
(34, 169, 47)
(34, 170, 46)
(34, 171, 45)
(34, 172, 44)
(34, 173, 43)
(34, 174, 42)
(34, 175, 41)
(34, 176, 40)
(34, 177, 39)
(34, 178, 38)
(34, 179, 37)
(34, 180, 36)
(34, 181, 35)
(34, 182, 34)
(34, 183, 33)
(34, 184, 32)
(34, 185, 31)
(34, 186, 30)
(34, 187, 29)
(34, 188, 28)

(34, 189, 27)
(34, 190, 26)
(34, 191, 25)
(34, 192, 24)
(34, 193, 23)
(34, 194, 22)
(34, 195, 21)
(34, 196, 20)
(34, 197, 19)
(34, 198, 18)
(34, 199, 17)
(34, 200, 16)
(34, 201, 15)
(34, 202, 14)
(34, 203, 13)
(34, 204, 12)
(34, 205, 11)
(34, 206, 10)
(34, 207, 9)
(34, 208, 8)
(34, 209, 7)
(34, 210, 6)
(34, 211, 5)
(34, 212, 4)
(34, 213, 3)
(34, 214, 2)
(34, 215, 1)
(34, 216, 0)
(35, 0, 215)
(35, 1, 214)
(35, 2, 213)
(35, 3, 212)
(35, 4, 211)
(35, 5, 210)
(35, 6, 209)
(35, 7, 208)
(35, 8, 207)
(35, 9, 206)
(35, 10, 205)
(35, 11, 204)
(35, 12, 203)
(35, 13, 202)
(35, 14, 201)
(35, 15, 200)
(35, 16, 199)
(35, 17, 198)
(35, 18, 197)
(35, 19, 196)

(35, 20, 195)
(35, 21, 194)
(35, 22, 193)
(35, 23, 192)
(35, 24, 191)
(35, 25, 190)
(35, 26, 189)
(35, 27, 188)
(35, 28, 187)
(35, 29, 186)
(35, 30, 185)
(35, 31, 184)
(35, 32, 183)
(35, 33, 182)
(35, 34, 181)
(35, 35, 180)
(35, 36, 179)
(35, 37, 178)
(35, 38, 177)
(35, 39, 176)
(35, 40, 175)
(35, 41, 174)
(35, 42, 173)
(35, 43, 172)
(35, 44, 171)
(35, 45, 170)
(35, 46, 169)
(35, 47, 168)
(35, 48, 167)
(35, 49, 166)
(35, 50, 165)
(35, 51, 164)
(35, 52, 163)
(35, 53, 162)
(35, 54, 161)
(35, 55, 160)
(35, 56, 159)
(35, 57, 158)
(35, 58, 157)
(35, 59, 156)
(35, 60, 155)
(35, 61, 154)
(35, 62, 153)
(35, 63, 152)
(35, 64, 151)
(35, 65, 150)
(35, 66, 149)
(35, 67, 148)

(35, 68, 147)
(35, 69, 146)
(35, 70, 145)
(35, 71, 144)
(35, 72, 143)
(35, 73, 142)
(35, 74, 141)
(35, 75, 140)
(35, 76, 139)
(35, 77, 138)
(35, 78, 137)
(35, 79, 136)
(35, 80, 135)
(35, 81, 134)
(35, 82, 133)
(35, 83, 132)
(35, 84, 131)
(35, 85, 130)
(35, 86, 129)
(35, 87, 128)
(35, 88, 127)
(35, 89, 126)
(35, 90, 125)
(35, 91, 124)
(35, 92, 123)
(35, 93, 122)
(35, 94, 121)
(35, 95, 120)
(35, 96, 119)
(35, 97, 118)
(35, 98, 117)
(35, 99, 116)
(35, 100, 115)
(35, 101, 114)
(35, 102, 113)
(35, 103, 112)
(35, 104, 111)
(35, 105, 110)
(35, 106, 109)
(35, 107, 108)
(35, 108, 107)
(35, 109, 106)
(35, 110, 105)
(35, 111, 104)
(35, 112, 103)
(35, 113, 102)
(35, 114, 101)
(35, 115, 100)

(35, 116, 99)
(35, 117, 98)
(35, 118, 97)
(35, 119, 96)
(35, 120, 95)
(35, 121, 94)
(35, 122, 93)
(35, 123, 92)
(35, 124, 91)
(35, 125, 90)
(35, 126, 89)
(35, 127, 88)
(35, 128, 87)
(35, 129, 86)
(35, 130, 85)
(35, 131, 84)
(35, 132, 83)
(35, 133, 82)
(35, 134, 81)
(35, 135, 80)
(35, 136, 79)
(35, 137, 78)
(35, 138, 77)
(35, 139, 76)
(35, 140, 75)
(35, 141, 74)
(35, 142, 73)
(35, 143, 72)
(35, 144, 71)
(35, 145, 70)
(35, 146, 69)
(35, 147, 68)
(35, 148, 67)
(35, 149, 66)
(35, 150, 65)
(35, 151, 64)
(35, 152, 63)
(35, 153, 62)
(35, 154, 61)
(35, 155, 60)
(35, 156, 59)
(35, 157, 58)
(35, 158, 57)
(35, 159, 56)
(35, 160, 55)
(35, 161, 54)
(35, 162, 53)
(35, 163, 52)

(35, 164, 51)
(35, 165, 50)
(35, 166, 49)
(35, 167, 48)
(35, 168, 47)
(35, 169, 46)
(35, 170, 45)
(35, 171, 44)
(35, 172, 43)
(35, 173, 42)
(35, 174, 41)
(35, 175, 40)
(35, 176, 39)
(35, 177, 38)
(35, 178, 37)
(35, 179, 36)
(35, 180, 35)
(35, 181, 34)
(35, 182, 33)
(35, 183, 32)
(35, 184, 31)
(35, 185, 30)
(35, 186, 29)
(35, 187, 28)
(35, 188, 27)
(35, 189, 26)
(35, 190, 25)
(35, 191, 24)
(35, 192, 23)
(35, 193, 22)
(35, 194, 21)
(35, 195, 20)
(35, 196, 19)
(35, 197, 18)
(35, 198, 17)
(35, 199, 16)
(35, 200, 15)
(35, 201, 14)
(35, 202, 13)
(35, 203, 12)
(35, 204, 11)
(35, 205, 10)
(35, 206, 9)
(35, 207, 8)
(35, 208, 7)
(35, 209, 6)
(35, 210, 5)
(35, 211, 4)

(35, 212, 3)
(35, 213, 2)
(35, 214, 1)
(35, 215, 0)
(36, 0, 214)
(36, 1, 213)
(36, 2, 212)
(36, 3, 211)
(36, 4, 210)
(36, 5, 209)
(36, 6, 208)
(36, 7, 207)
(36, 8, 206)
(36, 9, 205)
(36, 10, 204)
(36, 11, 203)
(36, 12, 202)
(36, 13, 201)
(36, 14, 200)
(36, 15, 199)
(36, 16, 198)
(36, 17, 197)
(36, 18, 196)
(36, 19, 195)
(36, 20, 194)
(36, 21, 193)
(36, 22, 192)
(36, 23, 191)
(36, 24, 190)
(36, 25, 189)
(36, 26, 188)
(36, 27, 187)
(36, 28, 186)
(36, 29, 185)
(36, 30, 184)
(36, 31, 183)
(36, 32, 182)
(36, 33, 181)
(36, 34, 180)
(36, 35, 179)
(36, 36, 178)
(36, 37, 177)
(36, 38, 176)
(36, 39, 175)
(36, 40, 174)
(36, 41, 173)
(36, 42, 172)
(36, 43, 171)

(36, 44, 170)
(36, 45, 169)
(36, 46, 168)
(36, 47, 167)
(36, 48, 166)
(36, 49, 165)
(36, 50, 164)
(36, 51, 163)
(36, 52, 162)
(36, 53, 161)
(36, 54, 160)
(36, 55, 159)
(36, 56, 158)
(36, 57, 157)
(36, 58, 156)
(36, 59, 155)
(36, 60, 154)
(36, 61, 153)
(36, 62, 152)
(36, 63, 151)
(36, 64, 150)
(36, 65, 149)
(36, 66, 148)
(36, 67, 147)
(36, 68, 146)
(36, 69, 145)
(36, 70, 144)
(36, 71, 143)
(36, 72, 142)
(36, 73, 141)
(36, 74, 140)
(36, 75, 139)
(36, 76, 138)
(36, 77, 137)
(36, 78, 136)
(36, 79, 135)
(36, 80, 134)
(36, 81, 133)
(36, 82, 132)
(36, 83, 131)
(36, 84, 130)
(36, 85, 129)
(36, 86, 128)
(36, 87, 127)
(36, 88, 126)
(36, 89, 125)
(36, 90, 124)
(36, 91, 123)

(36, 92, 122)
(36, 93, 121)
(36, 94, 120)
(36, 95, 119)
(36, 96, 118)
(36, 97, 117)
(36, 98, 116)
(36, 99, 115)
(36, 100, 114)
(36, 101, 113)
(36, 102, 112)
(36, 103, 111)
(36, 104, 110)
(36, 105, 109)
(36, 106, 108)
(36, 107, 107)
(36, 108, 106)
(36, 109, 105)
(36, 110, 104)
(36, 111, 103)
(36, 112, 102)
(36, 113, 101)
(36, 114, 100)
(36, 115, 99)
(36, 116, 98)
(36, 117, 97)
(36, 118, 96)
(36, 119, 95)
(36, 120, 94)
(36, 121, 93)
(36, 122, 92)
(36, 123, 91)
(36, 124, 90)
(36, 125, 89)
(36, 126, 88)
(36, 127, 87)
(36, 128, 86)
(36, 129, 85)
(36, 130, 84)
(36, 131, 83)
(36, 132, 82)
(36, 133, 81)
(36, 134, 80)
(36, 135, 79)
(36, 136, 78)
(36, 137, 77)
(36, 138, 76)
(36, 139, 75)

(36, 140, 74)
(36, 141, 73)
(36, 142, 72)
(36, 143, 71)
(36, 144, 70)
(36, 145, 69)
(36, 146, 68)
(36, 147, 67)
(36, 148, 66)
(36, 149, 65)
(36, 150, 64)
(36, 151, 63)
(36, 152, 62)
(36, 153, 61)
(36, 154, 60)
(36, 155, 59)
(36, 156, 58)
(36, 157, 57)
(36, 158, 56)
(36, 159, 55)
(36, 160, 54)
(36, 161, 53)
(36, 162, 52)
(36, 163, 51)
(36, 164, 50)
(36, 165, 49)
(36, 166, 48)
(36, 167, 47)
(36, 168, 46)
(36, 169, 45)
(36, 170, 44)
(36, 171, 43)
(36, 172, 42)
(36, 173, 41)
(36, 174, 40)
(36, 175, 39)
(36, 176, 38)
(36, 177, 37)
(36, 178, 36)
(36, 179, 35)
(36, 180, 34)
(36, 181, 33)
(36, 182, 32)
(36, 183, 31)
(36, 184, 30)
(36, 185, 29)
(36, 186, 28)
(36, 187, 27)

(36, 188, 26)
(36, 189, 25)
(36, 190, 24)
(36, 191, 23)
(36, 192, 22)
(36, 193, 21)
(36, 194, 20)
(36, 195, 19)
(36, 196, 18)
(36, 197, 17)
(36, 198, 16)
(36, 199, 15)
(36, 200, 14)
(36, 201, 13)
(36, 202, 12)
(36, 203, 11)
(36, 204, 10)
(36, 205, 9)
(36, 206, 8)
(36, 207, 7)
(36, 208, 6)
(36, 209, 5)
(36, 210, 4)
(36, 211, 3)
(36, 212, 2)
(36, 213, 1)
(36, 214, 0)
(37, 0, 213)
(37, 1, 212)
(37, 2, 211)
(37, 3, 210)
(37, 4, 209)
(37, 5, 208)
(37, 6, 207)
(37, 7, 206)
(37, 8, 205)
(37, 9, 204)
(37, 10, 203)
(37, 11, 202)
(37, 12, 201)
(37, 13, 200)
(37, 14, 199)
(37, 15, 198)
(37, 16, 197)
(37, 17, 196)
(37, 18, 195)
(37, 19, 194)
(37, 20, 193)

(37, 21, 192)
(37, 22, 191)
(37, 23, 190)
(37, 24, 189)
(37, 25, 188)
(37, 26, 187)
(37, 27, 186)
(37, 28, 185)
(37, 29, 184)
(37, 30, 183)
(37, 31, 182)
(37, 32, 181)
(37, 33, 180)
(37, 34, 179)
(37, 35, 178)
(37, 36, 177)
(37, 37, 176)
(37, 38, 175)
(37, 39, 174)
(37, 40, 173)
(37, 41, 172)
(37, 42, 171)
(37, 43, 170)
(37, 44, 169)
(37, 45, 168)
(37, 46, 167)
(37, 47, 166)
(37, 48, 165)
(37, 49, 164)
(37, 50, 163)
(37, 51, 162)
(37, 52, 161)
(37, 53, 160)
(37, 54, 159)
(37, 55, 158)
(37, 56, 157)
(37, 57, 156)
(37, 58, 155)
(37, 59, 154)
(37, 60, 153)
(37, 61, 152)
(37, 62, 151)
(37, 63, 150)
(37, 64, 149)
(37, 65, 148)
(37, 66, 147)
(37, 67, 146)
(37, 68, 145)

(37, 69, 144)
(37, 70, 143)
(37, 71, 142)
(37, 72, 141)
(37, 73, 140)
(37, 74, 139)
(37, 75, 138)
(37, 76, 137)
(37, 77, 136)
(37, 78, 135)
(37, 79, 134)
(37, 80, 133)
(37, 81, 132)
(37, 82, 131)
(37, 83, 130)
(37, 84, 129)
(37, 85, 128)
(37, 86, 127)
(37, 87, 126)
(37, 88, 125)
(37, 89, 124)
(37, 90, 123)
(37, 91, 122)
(37, 92, 121)
(37, 93, 120)
(37, 94, 119)
(37, 95, 118)
(37, 96, 117)
(37, 97, 116)
(37, 98, 115)
(37, 99, 114)
(37, 100, 113)
(37, 101, 112)
(37, 102, 111)
(37, 103, 110)
(37, 104, 109)
(37, 105, 108)
(37, 106, 107)
(37, 107, 106)
(37, 108, 105)
(37, 109, 104)
(37, 110, 103)
(37, 111, 102)
(37, 112, 101)
(37, 113, 100)
(37, 114, 99)
(37, 115, 98)
(37, 116, 97)

(37, 117, 96)
(37, 118, 95)
(37, 119, 94)
(37, 120, 93)
(37, 121, 92)
(37, 122, 91)
(37, 123, 90)
(37, 124, 89)
(37, 125, 88)
(37, 126, 87)
(37, 127, 86)
(37, 128, 85)
(37, 129, 84)
(37, 130, 83)
(37, 131, 82)
(37, 132, 81)
(37, 133, 80)
(37, 134, 79)
(37, 135, 78)
(37, 136, 77)
(37, 137, 76)
(37, 138, 75)
(37, 139, 74)
(37, 140, 73)
(37, 141, 72)
(37, 142, 71)
(37, 143, 70)
(37, 144, 69)
(37, 145, 68)
(37, 146, 67)
(37, 147, 66)
(37, 148, 65)
(37, 149, 64)
(37, 150, 63)
(37, 151, 62)
(37, 152, 61)
(37, 153, 60)
(37, 154, 59)
(37, 155, 58)
(37, 156, 57)
(37, 157, 56)
(37, 158, 55)
(37, 159, 54)
(37, 160, 53)
(37, 161, 52)
(37, 162, 51)
(37, 163, 50)
(37, 164, 49)

(37, 165, 48)
(37, 166, 47)
(37, 167, 46)
(37, 168, 45)
(37, 169, 44)
(37, 170, 43)
(37, 171, 42)
(37, 172, 41)
(37, 173, 40)
(37, 174, 39)
(37, 175, 38)
(37, 176, 37)
(37, 177, 36)
(37, 178, 35)
(37, 179, 34)
(37, 180, 33)
(37, 181, 32)
(37, 182, 31)
(37, 183, 30)
(37, 184, 29)
(37, 185, 28)
(37, 186, 27)
(37, 187, 26)
(37, 188, 25)
(37, 189, 24)
(37, 190, 23)
(37, 191, 22)
(37, 192, 21)
(37, 193, 20)
(37, 194, 19)
(37, 195, 18)
(37, 196, 17)
(37, 197, 16)
(37, 198, 15)
(37, 199, 14)
(37, 200, 13)
(37, 201, 12)
(37, 202, 11)
(37, 203, 10)
(37, 204, 9)
(37, 205, 8)
(37, 206, 7)
(37, 207, 6)
(37, 208, 5)
(37, 209, 4)
(37, 210, 3)
(37, 211, 2)
(37, 212, 1)

(37, 213, 0)
(38, 0, 212)
(38, 1, 211)
(38, 2, 210)
(38, 3, 209)
(38, 4, 208)
(38, 5, 207)
(38, 6, 206)
(38, 7, 205)
(38, 8, 204)
(38, 9, 203)
(38, 10, 202)
(38, 11, 201)
(38, 12, 200)
(38, 13, 199)
(38, 14, 198)
(38, 15, 197)
(38, 16, 196)
(38, 17, 195)
(38, 18, 194)
(38, 19, 193)
(38, 20, 192)
(38, 21, 191)
(38, 22, 190)
(38, 23, 189)
(38, 24, 188)
(38, 25, 187)
(38, 26, 186)
(38, 27, 185)
(38, 28, 184)
(38, 29, 183)
(38, 30, 182)
(38, 31, 181)
(38, 32, 180)
(38, 33, 179)
(38, 34, 178)
(38, 35, 177)
(38, 36, 176)
(38, 37, 175)
(38, 38, 174)
(38, 39, 173)
(38, 40, 172)
(38, 41, 171)
(38, 42, 170)
(38, 43, 169)
(38, 44, 168)
(38, 45, 167)
(38, 46, 166)

(38, 47, 165)
(38, 48, 164)
(38, 49, 163)
(38, 50, 162)
(38, 51, 161)
(38, 52, 160)
(38, 53, 159)
(38, 54, 158)
(38, 55, 157)
(38, 56, 156)
(38, 57, 155)
(38, 58, 154)
(38, 59, 153)
(38, 60, 152)
(38, 61, 151)
(38, 62, 150)
(38, 63, 149)
(38, 64, 148)
(38, 65, 147)
(38, 66, 146)
(38, 67, 145)
(38, 68, 144)
(38, 69, 143)
(38, 70, 142)
(38, 71, 141)
(38, 72, 140)
(38, 73, 139)
(38, 74, 138)
(38, 75, 137)
(38, 76, 136)
(38, 77, 135)
(38, 78, 134)
(38, 79, 133)
(38, 80, 132)
(38, 81, 131)
(38, 82, 130)
(38, 83, 129)
(38, 84, 128)
(38, 85, 127)
(38, 86, 126)
(38, 87, 125)
(38, 88, 124)
(38, 89, 123)
(38, 90, 122)
(38, 91, 121)
(38, 92, 120)
(38, 93, 119)
(38, 94, 118)

(38, 95, 117)
(38, 96, 116)
(38, 97, 115)
(38, 98, 114)
(38, 99, 113)
(38, 100, 112)
(38, 101, 111)
(38, 102, 110)
(38, 103, 109)
(38, 104, 108)
(38, 105, 107)
(38, 106, 106)
(38, 107, 105)
(38, 108, 104)
(38, 109, 103)
(38, 110, 102)
(38, 111, 101)
(38, 112, 100)
(38, 113, 99)
(38, 114, 98)
(38, 115, 97)
(38, 116, 96)
(38, 117, 95)
(38, 118, 94)
(38, 119, 93)
(38, 120, 92)
(38, 121, 91)
(38, 122, 90)
(38, 123, 89)
(38, 124, 88)
(38, 125, 87)
(38, 126, 86)
(38, 127, 85)
(38, 128, 84)
(38, 129, 83)
(38, 130, 82)
(38, 131, 81)
(38, 132, 80)
(38, 133, 79)
(38, 134, 78)
(38, 135, 77)
(38, 136, 76)
(38, 137, 75)
(38, 138, 74)
(38, 139, 73)
(38, 140, 72)
(38, 141, 71)
(38, 142, 70)

(38, 143, 69)
(38, 144, 68)
(38, 145, 67)
(38, 146, 66)
(38, 147, 65)
(38, 148, 64)
(38, 149, 63)
(38, 150, 62)
(38, 151, 61)
(38, 152, 60)
(38, 153, 59)
(38, 154, 58)
(38, 155, 57)
(38, 156, 56)
(38, 157, 55)
(38, 158, 54)
(38, 159, 53)
(38, 160, 52)
(38, 161, 51)
(38, 162, 50)
(38, 163, 49)
(38, 164, 48)
(38, 165, 47)
(38, 166, 46)
(38, 167, 45)
(38, 168, 44)
(38, 169, 43)
(38, 170, 42)
(38, 171, 41)
(38, 172, 40)
(38, 173, 39)
(38, 174, 38)
(38, 175, 37)
(38, 176, 36)
(38, 177, 35)
(38, 178, 34)
(38, 179, 33)
(38, 180, 32)
(38, 181, 31)
(38, 182, 30)
(38, 183, 29)
(38, 184, 28)
(38, 185, 27)
(38, 186, 26)
(38, 187, 25)
(38, 188, 24)
(38, 189, 23)
(38, 190, 22)

(38, 191, 21)
(38, 192, 20)
(38, 193, 19)
(38, 194, 18)
(38, 195, 17)
(38, 196, 16)
(38, 197, 15)
(38, 198, 14)
(38, 199, 13)
(38, 200, 12)
(38, 201, 11)
(38, 202, 10)
(38, 203, 9)
(38, 204, 8)
(38, 205, 7)
(38, 206, 6)
(38, 207, 5)
(38, 208, 4)
(38, 209, 3)
(38, 210, 2)
(38, 211, 1)
(38, 212, 0)
(39, 0, 211)
(39, 1, 210)
(39, 2, 209)
(39, 3, 208)
(39, 4, 207)
(39, 5, 206)
(39, 6, 205)
(39, 7, 204)
(39, 8, 203)
(39, 9, 202)
(39, 10, 201)
(39, 11, 200)
(39, 12, 199)
(39, 13, 198)
(39, 14, 197)
(39, 15, 196)
(39, 16, 195)
(39, 17, 194)
(39, 18, 193)
(39, 19, 192)
(39, 20, 191)
(39, 21, 190)
(39, 22, 189)
(39, 23, 188)
(39, 24, 187)
(39, 25, 186)

(39, 26, 185)
(39, 27, 184)
(39, 28, 183)
(39, 29, 182)
(39, 30, 181)
(39, 31, 180)
(39, 32, 179)
(39, 33, 178)
(39, 34, 177)
(39, 35, 176)
(39, 36, 175)
(39, 37, 174)
(39, 38, 173)
(39, 39, 172)
(39, 40, 171)
(39, 41, 170)
(39, 42, 169)
(39, 43, 168)
(39, 44, 167)
(39, 45, 166)
(39, 46, 165)
(39, 47, 164)
(39, 48, 163)
(39, 49, 162)
(39, 50, 161)
(39, 51, 160)
(39, 52, 159)
(39, 53, 158)
(39, 54, 157)
(39, 55, 156)
(39, 56, 155)
(39, 57, 154)
(39, 58, 153)
(39, 59, 152)
(39, 60, 151)
(39, 61, 150)
(39, 62, 149)
(39, 63, 148)
(39, 64, 147)
(39, 65, 146)
(39, 66, 145)
(39, 67, 144)
(39, 68, 143)
(39, 69, 142)
(39, 70, 141)
(39, 71, 140)
(39, 72, 139)
(39, 73, 138)

(39, 74, 137)
(39, 75, 136)
(39, 76, 135)
(39, 77, 134)
(39, 78, 133)
(39, 79, 132)
(39, 80, 131)
(39, 81, 130)
(39, 82, 129)
(39, 83, 128)
(39, 84, 127)
(39, 85, 126)
(39, 86, 125)
(39, 87, 124)
(39, 88, 123)
(39, 89, 122)
(39, 90, 121)
(39, 91, 120)
(39, 92, 119)
(39, 93, 118)
(39, 94, 117)
(39, 95, 116)
(39, 96, 115)
(39, 97, 114)
(39, 98, 113)
(39, 99, 112)
(39, 100, 111)
(39, 101, 110)
(39, 102, 109)
(39, 103, 108)
(39, 104, 107)
(39, 105, 106)
(39, 106, 105)
(39, 107, 104)
(39, 108, 103)
(39, 109, 102)
(39, 110, 101)
(39, 111, 100)
(39, 112, 99)
(39, 113, 98)
(39, 114, 97)
(39, 115, 96)
(39, 116, 95)
(39, 117, 94)
(39, 118, 93)
(39, 119, 92)
(39, 120, 91)
(39, 121, 90)

(39, 122, 89)
(39, 123, 88)
(39, 124, 87)
(39, 125, 86)
(39, 126, 85)
(39, 127, 84)
(39, 128, 83)
(39, 129, 82)
(39, 130, 81)
(39, 131, 80)
(39, 132, 79)
(39, 133, 78)
(39, 134, 77)
(39, 135, 76)
(39, 136, 75)
(39, 137, 74)
(39, 138, 73)
(39, 139, 72)
(39, 140, 71)
(39, 141, 70)
(39, 142, 69)
(39, 143, 68)
(39, 144, 67)
(39, 145, 66)
(39, 146, 65)
(39, 147, 64)
(39, 148, 63)
(39, 149, 62)
(39, 150, 61)
(39, 151, 60)
(39, 152, 59)
(39, 153, 58)
(39, 154, 57)
(39, 155, 56)
(39, 156, 55)
(39, 157, 54)
(39, 158, 53)
(39, 159, 52)
(39, 160, 51)
(39, 161, 50)
(39, 162, 49)
(39, 163, 48)
(39, 164, 47)
(39, 165, 46)
(39, 166, 45)
(39, 167, 44)
(39, 168, 43)
(39, 169, 42)

(39, 170, 41)
(39, 171, 40)
(39, 172, 39)
(39, 173, 38)
(39, 174, 37)
(39, 175, 36)
(39, 176, 35)
(39, 177, 34)
(39, 178, 33)
(39, 179, 32)
(39, 180, 31)
(39, 181, 30)
(39, 182, 29)
(39, 183, 28)
(39, 184, 27)
(39, 185, 26)
(39, 186, 25)
(39, 187, 24)
(39, 188, 23)
(39, 189, 22)
(39, 190, 21)
(39, 191, 20)
(39, 192, 19)
(39, 193, 18)
(39, 194, 17)
(39, 195, 16)
(39, 196, 15)
(39, 197, 14)
(39, 198, 13)
(39, 199, 12)
(39, 200, 11)
(39, 201, 10)
(39, 202, 9)
(39, 203, 8)
(39, 204, 7)
(39, 205, 6)
(39, 206, 5)
(39, 207, 4)
(39, 208, 3)
(39, 209, 2)
(39, 210, 1)
(39, 211, 0)
(40, 0, 210)
(40, 1, 209)
(40, 2, 208)
(40, 3, 207)
(40, 4, 206)
(40, 5, 205)

(40, 6, 204)
(40, 7, 203)
(40, 8, 202)
(40, 9, 201)
(40, 10, 200)
(40, 11, 199)
(40, 12, 198)
(40, 13, 197)
(40, 14, 196)
(40, 15, 195)
(40, 16, 194)
(40, 17, 193)
(40, 18, 192)
(40, 19, 191)
(40, 20, 190)
(40, 21, 189)
(40, 22, 188)
(40, 23, 187)
(40, 24, 186)
(40, 25, 185)
(40, 26, 184)
(40, 27, 183)
(40, 28, 182)
(40, 29, 181)
(40, 30, 180)
(40, 31, 179)
(40, 32, 178)
(40, 33, 177)
(40, 34, 176)
(40, 35, 175)
(40, 36, 174)
(40, 37, 173)
(40, 38, 172)
(40, 39, 171)
(40, 40, 170)
(40, 41, 169)
(40, 42, 168)
(40, 43, 167)
(40, 44, 166)
(40, 45, 165)
(40, 46, 164)
(40, 47, 163)
(40, 48, 162)
(40, 49, 161)
(40, 50, 160)
(40, 51, 159)
(40, 52, 158)
(40, 53, 157)

(40, 54, 156)
(40, 55, 155)
(40, 56, 154)
(40, 57, 153)
(40, 58, 152)
(40, 59, 151)
(40, 60, 150)
(40, 61, 149)
(40, 62, 148)
(40, 63, 147)
(40, 64, 146)
(40, 65, 145)
(40, 66, 144)
(40, 67, 143)
(40, 68, 142)
(40, 69, 141)
(40, 70, 140)
(40, 71, 139)
(40, 72, 138)
(40, 73, 137)
(40, 74, 136)
(40, 75, 135)
(40, 76, 134)
(40, 77, 133)
(40, 78, 132)
(40, 79, 131)
(40, 80, 130)
(40, 81, 129)
(40, 82, 128)
(40, 83, 127)
(40, 84, 126)
(40, 85, 125)
(40, 86, 124)
(40, 87, 123)
(40, 88, 122)
(40, 89, 121)
(40, 90, 120)
(40, 91, 119)
(40, 92, 118)
(40, 93, 117)
(40, 94, 116)
(40, 95, 115)
(40, 96, 114)
(40, 97, 113)
(40, 98, 112)
(40, 99, 111)
(40, 100, 110)
(40, 101, 109)

(40, 102, 108)
(40, 103, 107)
(40, 104, 106)
(40, 105, 105)
(40, 106, 104)
(40, 107, 103)
(40, 108, 102)
(40, 109, 101)
(40, 110, 100)
(40, 111, 99)
(40, 112, 98)
(40, 113, 97)
(40, 114, 96)
(40, 115, 95)
(40, 116, 94)
(40, 117, 93)
(40, 118, 92)
(40, 119, 91)
(40, 120, 90)
(40, 121, 89)
(40, 122, 88)
(40, 123, 87)
(40, 124, 86)
(40, 125, 85)
(40, 126, 84)
(40, 127, 83)
(40, 128, 82)
(40, 129, 81)
(40, 130, 80)
(40, 131, 79)
(40, 132, 78)
(40, 133, 77)
(40, 134, 76)
(40, 135, 75)
(40, 136, 74)
(40, 137, 73)
(40, 138, 72)
(40, 139, 71)
(40, 140, 70)
(40, 141, 69)
(40, 142, 68)
(40, 143, 67)
(40, 144, 66)
(40, 145, 65)
(40, 146, 64)
(40, 147, 63)
(40, 148, 62)
(40, 149, 61)

(40, 150, 60)
(40, 151, 59)
(40, 152, 58)
(40, 153, 57)
(40, 154, 56)
(40, 155, 55)
(40, 156, 54)
(40, 157, 53)
(40, 158, 52)
(40, 159, 51)
(40, 160, 50)
(40, 161, 49)
(40, 162, 48)
(40, 163, 47)
(40, 164, 46)
(40, 165, 45)
(40, 166, 44)
(40, 167, 43)
(40, 168, 42)
(40, 169, 41)
(40, 170, 40)
(40, 171, 39)
(40, 172, 38)
(40, 173, 37)
(40, 174, 36)
(40, 175, 35)
(40, 176, 34)
(40, 177, 33)
(40, 178, 32)
(40, 179, 31)
(40, 180, 30)
(40, 181, 29)
(40, 182, 28)
(40, 183, 27)
(40, 184, 26)
(40, 185, 25)
(40, 186, 24)
(40, 187, 23)
(40, 188, 22)
(40, 189, 21)
(40, 190, 20)
(40, 191, 19)
(40, 192, 18)
(40, 193, 17)
(40, 194, 16)
(40, 195, 15)
(40, 196, 14)
(40, 197, 13)

(40, 198, 12)
(40, 199, 11)
(40, 200, 10)
(40, 201, 9)
(40, 202, 8)
(40, 203, 7)
(40, 204, 6)
(40, 205, 5)
(40, 206, 4)
(40, 207, 3)
(40, 208, 2)
(40, 209, 1)
(40, 210, 0)
(41, 0, 209)
(41, 1, 208)
(41, 2, 207)
(41, 3, 206)
(41, 4, 205)
(41, 5, 204)
(41, 6, 203)
(41, 7, 202)
(41, 8, 201)
(41, 9, 200)
(41, 10, 199)
(41, 11, 198)
(41, 12, 197)
(41, 13, 196)
(41, 14, 195)
(41, 15, 194)
(41, 16, 193)
(41, 17, 192)
(41, 18, 191)
(41, 19, 190)
(41, 20, 189)
(41, 21, 188)
(41, 22, 187)
(41, 23, 186)
(41, 24, 185)
(41, 25, 184)
(41, 26, 183)
(41, 27, 182)
(41, 28, 181)
(41, 29, 180)
(41, 30, 179)
(41, 31, 178)
(41, 32, 177)
(41, 33, 176)
(41, 34, 175)

(41, 35, 174)
(41, 36, 173)
(41, 37, 172)
(41, 38, 171)
(41, 39, 170)
(41, 40, 169)
(41, 41, 168)
(41, 42, 167)
(41, 43, 166)
(41, 44, 165)
(41, 45, 164)
(41, 46, 163)
(41, 47, 162)
(41, 48, 161)
(41, 49, 160)
(41, 50, 159)
(41, 51, 158)
(41, 52, 157)
(41, 53, 156)
(41, 54, 155)
(41, 55, 154)
(41, 56, 153)
(41, 57, 152)
(41, 58, 151)
(41, 59, 150)
(41, 60, 149)
(41, 61, 148)
(41, 62, 147)
(41, 63, 146)
(41, 64, 145)
(41, 65, 144)
(41, 66, 143)
(41, 67, 142)
(41, 68, 141)
(41, 69, 140)
(41, 70, 139)
(41, 71, 138)
(41, 72, 137)
(41, 73, 136)
(41, 74, 135)
(41, 75, 134)
(41, 76, 133)
(41, 77, 132)
(41, 78, 131)
(41, 79, 130)
(41, 80, 129)
(41, 81, 128)
(41, 82, 127)

(41, 83, 126)
(41, 84, 125)
(41, 85, 124)
(41, 86, 123)
(41, 87, 122)
(41, 88, 121)
(41, 89, 120)
(41, 90, 119)
(41, 91, 118)
(41, 92, 117)
(41, 93, 116)
(41, 94, 115)
(41, 95, 114)
(41, 96, 113)
(41, 97, 112)
(41, 98, 111)
(41, 99, 110)
(41, 100, 109)
(41, 101, 108)
(41, 102, 107)
(41, 103, 106)
(41, 104, 105)
(41, 105, 104)
(41, 106, 103)
(41, 107, 102)
(41, 108, 101)
(41, 109, 100)
(41, 110, 99)
(41, 111, 98)
(41, 112, 97)
(41, 113, 96)
(41, 114, 95)
(41, 115, 94)
(41, 116, 93)
(41, 117, 92)
(41, 118, 91)
(41, 119, 90)
(41, 120, 89)
(41, 121, 88)
(41, 122, 87)
(41, 123, 86)
(41, 124, 85)
(41, 125, 84)
(41, 126, 83)
(41, 127, 82)
(41, 128, 81)
(41, 129, 80)
(41, 130, 79)

(41, 131, 78)
(41, 132, 77)
(41, 133, 76)
(41, 134, 75)
(41, 135, 74)
(41, 136, 73)
(41, 137, 72)
(41, 138, 71)
(41, 139, 70)
(41, 140, 69)
(41, 141, 68)
(41, 142, 67)
(41, 143, 66)
(41, 144, 65)
(41, 145, 64)
(41, 146, 63)
(41, 147, 62)
(41, 148, 61)
(41, 149, 60)
(41, 150, 59)
(41, 151, 58)
(41, 152, 57)
(41, 153, 56)
(41, 154, 55)
(41, 155, 54)
(41, 156, 53)
(41, 157, 52)
(41, 158, 51)
(41, 159, 50)
(41, 160, 49)
(41, 161, 48)
(41, 162, 47)
(41, 163, 46)
(41, 164, 45)
(41, 165, 44)
(41, 166, 43)
(41, 167, 42)
(41, 168, 41)
(41, 169, 40)
(41, 170, 39)
(41, 171, 38)
(41, 172, 37)
(41, 173, 36)
(41, 174, 35)
(41, 175, 34)
(41, 176, 33)
(41, 177, 32)
(41, 178, 31)

(41, 179, 30)
(41, 180, 29)
(41, 181, 28)
(41, 182, 27)
(41, 183, 26)
(41, 184, 25)
(41, 185, 24)
(41, 186, 23)
(41, 187, 22)
(41, 188, 21)
(41, 189, 20)
(41, 190, 19)
(41, 191, 18)
(41, 192, 17)
(41, 193, 16)
(41, 194, 15)
(41, 195, 14)
(41, 196, 13)
(41, 197, 12)
(41, 198, 11)
(41, 199, 10)
(41, 200, 9)
(41, 201, 8)
(41, 202, 7)
(41, 203, 6)
(41, 204, 5)
(41, 205, 4)
(41, 206, 3)
(41, 207, 2)
(41, 208, 1)
(41, 209, 0)
(42, 0, 208)
(42, 1, 207)
(42, 2, 206)
(42, 3, 205)
(42, 4, 204)
(42, 5, 203)
(42, 6, 202)
(42, 7, 201)
(42, 8, 200)
(42, 9, 199)
(42, 10, 198)
(42, 11, 197)
(42, 12, 196)
(42, 13, 195)
(42, 14, 194)
(42, 15, 193)
(42, 16, 192)

(42, 17, 191)
(42, 18, 190)
(42, 19, 189)
(42, 20, 188)
(42, 21, 187)
(42, 22, 186)
(42, 23, 185)
(42, 24, 184)
(42, 25, 183)
(42, 26, 182)
(42, 27, 181)
(42, 28, 180)
(42, 29, 179)
(42, 30, 178)
(42, 31, 177)
(42, 32, 176)
(42, 33, 175)
(42, 34, 174)
(42, 35, 173)
(42, 36, 172)
(42, 37, 171)
(42, 38, 170)
(42, 39, 169)
(42, 40, 168)
(42, 41, 167)
(42, 42, 166)
(42, 43, 165)
(42, 44, 164)
(42, 45, 163)
(42, 46, 162)
(42, 47, 161)
(42, 48, 160)
(42, 49, 159)
(42, 50, 158)
(42, 51, 157)
(42, 52, 156)
(42, 53, 155)
(42, 54, 154)
(42, 55, 153)
(42, 56, 152)
(42, 57, 151)
(42, 58, 150)
(42, 59, 149)
(42, 60, 148)
(42, 61, 147)
(42, 62, 146)
(42, 63, 145)
(42, 64, 144)

(42, 65, 143)
(42, 66, 142)
(42, 67, 141)
(42, 68, 140)
(42, 69, 139)
(42, 70, 138)
(42, 71, 137)
(42, 72, 136)
(42, 73, 135)
(42, 74, 134)
(42, 75, 133)
(42, 76, 132)
(42, 77, 131)
(42, 78, 130)
(42, 79, 129)
(42, 80, 128)
(42, 81, 127)
(42, 82, 126)
(42, 83, 125)
(42, 84, 124)
(42, 85, 123)
(42, 86, 122)
(42, 87, 121)
(42, 88, 120)
(42, 89, 119)
(42, 90, 118)
(42, 91, 117)
(42, 92, 116)
(42, 93, 115)
(42, 94, 114)
(42, 95, 113)
(42, 96, 112)
(42, 97, 111)
(42, 98, 110)
(42, 99, 109)
(42, 100, 108)
(42, 101, 107)
(42, 102, 106)
(42, 103, 105)
(42, 104, 104)
(42, 105, 103)
(42, 106, 102)
(42, 107, 101)
(42, 108, 100)
(42, 109, 99)
(42, 110, 98)
(42, 111, 97)
(42, 112, 96)

(42, 113, 95)
(42, 114, 94)
(42, 115, 93)
(42, 116, 92)
(42, 117, 91)
(42, 118, 90)
(42, 119, 89)
(42, 120, 88)
(42, 121, 87)
(42, 122, 86)
(42, 123, 85)
(42, 124, 84)
(42, 125, 83)
(42, 126, 82)
(42, 127, 81)
(42, 128, 80)
(42, 129, 79)
(42, 130, 78)
(42, 131, 77)
(42, 132, 76)
(42, 133, 75)
(42, 134, 74)
(42, 135, 73)
(42, 136, 72)
(42, 137, 71)
(42, 138, 70)
(42, 139, 69)
(42, 140, 68)
(42, 141, 67)
(42, 142, 66)
(42, 143, 65)
(42, 144, 64)
(42, 145, 63)
(42, 146, 62)
(42, 147, 61)
(42, 148, 60)
(42, 149, 59)
(42, 150, 58)
(42, 151, 57)
(42, 152, 56)
(42, 153, 55)
(42, 154, 54)
(42, 155, 53)
(42, 156, 52)
(42, 157, 51)
(42, 158, 50)
(42, 159, 49)
(42, 160, 48)

(42, 161, 47)
(42, 162, 46)
(42, 163, 45)
(42, 164, 44)
(42, 165, 43)
(42, 166, 42)
(42, 167, 41)
(42, 168, 40)
(42, 169, 39)
(42, 170, 38)
(42, 171, 37)
(42, 172, 36)
(42, 173, 35)
(42, 174, 34)
(42, 175, 33)
(42, 176, 32)
(42, 177, 31)
(42, 178, 30)
(42, 179, 29)
(42, 180, 28)
(42, 181, 27)
(42, 182, 26)
(42, 183, 25)
(42, 184, 24)
(42, 185, 23)
(42, 186, 22)
(42, 187, 21)
(42, 188, 20)
(42, 189, 19)
(42, 190, 18)
(42, 191, 17)
(42, 192, 16)
(42, 193, 15)
(42, 194, 14)
(42, 195, 13)
(42, 196, 12)
(42, 197, 11)
(42, 198, 10)
(42, 199, 9)
(42, 200, 8)
(42, 201, 7)
(42, 202, 6)
(42, 203, 5)
(42, 204, 4)
(42, 205, 3)
(42, 206, 2)
(42, 207, 1)
(42, 208, 0)

(43, 0, 207)
(43, 1, 206)
(43, 2, 205)
(43, 3, 204)
(43, 4, 203)
(43, 5, 202)
(43, 6, 201)
(43, 7, 200)
(43, 8, 199)
(43, 9, 198)
(43, 10, 197)
(43, 11, 196)
(43, 12, 195)
(43, 13, 194)
(43, 14, 193)
(43, 15, 192)
(43, 16, 191)
(43, 17, 190)
(43, 18, 189)
(43, 19, 188)
(43, 20, 187)
(43, 21, 186)
(43, 22, 185)
(43, 23, 184)
(43, 24, 183)
(43, 25, 182)
(43, 26, 181)
(43, 27, 180)
(43, 28, 179)
(43, 29, 178)
(43, 30, 177)
(43, 31, 176)
(43, 32, 175)
(43, 33, 174)
(43, 34, 173)
(43, 35, 172)
(43, 36, 171)
(43, 37, 170)
(43, 38, 169)
(43, 39, 168)
(43, 40, 167)
(43, 41, 166)
(43, 42, 165)
(43, 43, 164)
(43, 44, 163)
(43, 45, 162)
(43, 46, 161)
(43, 47, 160)

(43, 48, 159)
(43, 49, 158)
(43, 50, 157)
(43, 51, 156)
(43, 52, 155)
(43, 53, 154)
(43, 54, 153)
(43, 55, 152)
(43, 56, 151)
(43, 57, 150)
(43, 58, 149)
(43, 59, 148)
(43, 60, 147)
(43, 61, 146)
(43, 62, 145)
(43, 63, 144)
(43, 64, 143)
(43, 65, 142)
(43, 66, 141)
(43, 67, 140)
(43, 68, 139)
(43, 69, 138)
(43, 70, 137)
(43, 71, 136)
(43, 72, 135)
(43, 73, 134)
(43, 74, 133)
(43, 75, 132)
(43, 76, 131)
(43, 77, 130)
(43, 78, 129)
(43, 79, 128)
(43, 80, 127)
(43, 81, 126)
(43, 82, 125)
(43, 83, 124)
(43, 84, 123)
(43, 85, 122)
(43, 86, 121)
(43, 87, 120)
(43, 88, 119)
(43, 89, 118)
(43, 90, 117)
(43, 91, 116)
(43, 92, 115)
(43, 93, 114)
(43, 94, 113)
(43, 95, 112)

(43, 96, 111)
(43, 97, 110)
(43, 98, 109)
(43, 99, 108)
(43, 100, 107)
(43, 101, 106)
(43, 102, 105)
(43, 103, 104)
(43, 104, 103)
(43, 105, 102)
(43, 106, 101)
(43, 107, 100)
(43, 108, 99)
(43, 109, 98)
(43, 110, 97)
(43, 111, 96)
(43, 112, 95)
(43, 113, 94)
(43, 114, 93)
(43, 115, 92)
(43, 116, 91)
(43, 117, 90)
(43, 118, 89)
(43, 119, 88)
(43, 120, 87)
(43, 121, 86)
(43, 122, 85)
(43, 123, 84)
(43, 124, 83)
(43, 125, 82)
(43, 126, 81)
(43, 127, 80)
(43, 128, 79)
(43, 129, 78)
(43, 130, 77)
(43, 131, 76)
(43, 132, 75)
(43, 133, 74)
(43, 134, 73)
(43, 135, 72)
(43, 136, 71)
(43, 137, 70)
(43, 138, 69)
(43, 139, 68)
(43, 140, 67)
(43, 141, 66)
(43, 142, 65)
(43, 143, 64)

(43, 144, 63)
(43, 145, 62)
(43, 146, 61)
(43, 147, 60)
(43, 148, 59)
(43, 149, 58)
(43, 150, 57)
(43, 151, 56)
(43, 152, 55)
(43, 153, 54)
(43, 154, 53)
(43, 155, 52)
(43, 156, 51)
(43, 157, 50)
(43, 158, 49)
(43, 159, 48)
(43, 160, 47)
(43, 161, 46)
(43, 162, 45)
(43, 163, 44)
(43, 164, 43)
(43, 165, 42)
(43, 166, 41)
(43, 167, 40)
(43, 168, 39)
(43, 169, 38)
(43, 170, 37)
(43, 171, 36)
(43, 172, 35)
(43, 173, 34)
(43, 174, 33)
(43, 175, 32)
(43, 176, 31)
(43, 177, 30)
(43, 178, 29)
(43, 179, 28)
(43, 180, 27)
(43, 181, 26)
(43, 182, 25)
(43, 183, 24)
(43, 184, 23)
(43, 185, 22)
(43, 186, 21)
(43, 187, 20)
(43, 188, 19)
(43, 189, 18)
(43, 190, 17)
(43, 191, 16)

(43, 192, 15)
(43, 193, 14)
(43, 194, 13)
(43, 195, 12)
(43, 196, 11)
(43, 197, 10)
(43, 198, 9)
(43, 199, 8)
(43, 200, 7)
(43, 201, 6)
(43, 202, 5)
(43, 203, 4)
(43, 204, 3)
(43, 205, 2)
(43, 206, 1)
(43, 207, 0)
(44, 0, 206)
(44, 1, 205)
(44, 2, 204)
(44, 3, 203)
(44, 4, 202)
(44, 5, 201)
(44, 6, 200)
(44, 7, 199)
(44, 8, 198)
(44, 9, 197)
(44, 10, 196)
(44, 11, 195)
(44, 12, 194)
(44, 13, 193)
(44, 14, 192)
(44, 15, 191)
(44, 16, 190)
(44, 17, 189)
(44, 18, 188)
(44, 19, 187)
(44, 20, 186)
(44, 21, 185)
(44, 22, 184)
(44, 23, 183)
(44, 24, 182)
(44, 25, 181)
(44, 26, 180)
(44, 27, 179)
(44, 28, 178)
(44, 29, 177)
(44, 30, 176)
(44, 31, 175)

(44, 32, 174)
(44, 33, 173)
(44, 34, 172)
(44, 35, 171)
(44, 36, 170)
(44, 37, 169)
(44, 38, 168)
(44, 39, 167)
(44, 40, 166)
(44, 41, 165)
(44, 42, 164)
(44, 43, 163)
(44, 44, 162)
(44, 45, 161)
(44, 46, 160)
(44, 47, 159)
(44, 48, 158)
(44, 49, 157)
(44, 50, 156)
(44, 51, 155)
(44, 52, 154)
(44, 53, 153)
(44, 54, 152)
(44, 55, 151)
(44, 56, 150)
(44, 57, 149)
(44, 58, 148)
(44, 59, 147)
(44, 60, 146)
(44, 61, 145)
(44, 62, 144)
(44, 63, 143)
(44, 64, 142)
(44, 65, 141)
(44, 66, 140)
(44, 67, 139)
(44, 68, 138)
(44, 69, 137)
(44, 70, 136)
(44, 71, 135)
(44, 72, 134)
(44, 73, 133)
(44, 74, 132)
(44, 75, 131)
(44, 76, 130)
(44, 77, 129)
(44, 78, 128)
(44, 79, 127)

(44, 80, 126)
(44, 81, 125)
(44, 82, 124)
(44, 83, 123)
(44, 84, 122)
(44, 85, 121)
(44, 86, 120)
(44, 87, 119)
(44, 88, 118)
(44, 89, 117)
(44, 90, 116)
(44, 91, 115)
(44, 92, 114)
(44, 93, 113)
(44, 94, 112)
(44, 95, 111)
(44, 96, 110)
(44, 97, 109)
(44, 98, 108)
(44, 99, 107)
(44, 100, 106)
(44, 101, 105)
(44, 102, 104)
(44, 103, 103)
(44, 104, 102)
(44, 105, 101)
(44, 106, 100)
(44, 107, 99)
(44, 108, 98)
(44, 109, 97)
(44, 110, 96)
(44, 111, 95)
(44, 112, 94)
(44, 113, 93)
(44, 114, 92)
(44, 115, 91)
(44, 116, 90)
(44, 117, 89)
(44, 118, 88)
(44, 119, 87)
(44, 120, 86)
(44, 121, 85)
(44, 122, 84)
(44, 123, 83)
(44, 124, 82)
(44, 125, 81)
(44, 126, 80)
(44, 127, 79)

(44, 128, 78)
(44, 129, 77)
(44, 130, 76)
(44, 131, 75)
(44, 132, 74)
(44, 133, 73)
(44, 134, 72)
(44, 135, 71)
(44, 136, 70)
(44, 137, 69)
(44, 138, 68)
(44, 139, 67)
(44, 140, 66)
(44, 141, 65)
(44, 142, 64)
(44, 143, 63)
(44, 144, 62)
(44, 145, 61)
(44, 146, 60)
(44, 147, 59)
(44, 148, 58)
(44, 149, 57)
(44, 150, 56)
(44, 151, 55)
(44, 152, 54)
(44, 153, 53)
(44, 154, 52)
(44, 155, 51)
(44, 156, 50)
(44, 157, 49)
(44, 158, 48)
(44, 159, 47)
(44, 160, 46)
(44, 161, 45)
(44, 162, 44)
(44, 163, 43)
(44, 164, 42)
(44, 165, 41)
(44, 166, 40)
(44, 167, 39)
(44, 168, 38)
(44, 169, 37)
(44, 170, 36)
(44, 171, 35)
(44, 172, 34)
(44, 173, 33)
(44, 174, 32)
(44, 175, 31)

(44, 176, 30)
(44, 177, 29)
(44, 178, 28)
(44, 179, 27)
(44, 180, 26)
(44, 181, 25)
(44, 182, 24)
(44, 183, 23)
(44, 184, 22)
(44, 185, 21)
(44, 186, 20)
(44, 187, 19)
(44, 188, 18)
(44, 189, 17)
(44, 190, 16)
(44, 191, 15)
(44, 192, 14)
(44, 193, 13)
(44, 194, 12)
(44, 195, 11)
(44, 196, 10)
(44, 197, 9)
(44, 198, 8)
(44, 199, 7)
(44, 200, 6)
(44, 201, 5)
(44, 202, 4)
(44, 203, 3)
(44, 204, 2)
(44, 205, 1)
(44, 206, 0)
(45, 0, 205)
(45, 1, 204)
(45, 2, 203)
(45, 3, 202)
(45, 4, 201)
(45, 5, 200)
(45, 6, 199)
(45, 7, 198)
(45, 8, 197)
(45, 9, 196)
(45, 10, 195)
(45, 11, 194)
(45, 12, 193)
(45, 13, 192)
(45, 14, 191)
(45, 15, 190)
(45, 16, 189)

(45, 17, 188)
(45, 18, 187)
(45, 19, 186)
(45, 20, 185)
(45, 21, 184)
(45, 22, 183)
(45, 23, 182)
(45, 24, 181)
(45, 25, 180)
(45, 26, 179)
(45, 27, 178)
(45, 28, 177)
(45, 29, 176)
(45, 30, 175)
(45, 31, 174)
(45, 32, 173)
(45, 33, 172)
(45, 34, 171)
(45, 35, 170)
(45, 36, 169)
(45, 37, 168)
(45, 38, 167)
(45, 39, 166)
(45, 40, 165)
(45, 41, 164)
(45, 42, 163)
(45, 43, 162)
(45, 44, 161)
(45, 45, 160)
(45, 46, 159)
(45, 47, 158)
(45, 48, 157)
(45, 49, 156)
(45, 50, 155)
(45, 51, 154)
(45, 52, 153)
(45, 53, 152)
(45, 54, 151)
(45, 55, 150)
(45, 56, 149)
(45, 57, 148)
(45, 58, 147)
(45, 59, 146)
(45, 60, 145)
(45, 61, 144)
(45, 62, 143)
(45, 63, 142)
(45, 64, 141)

(45, 65, 140)
(45, 66, 139)
(45, 67, 138)
(45, 68, 137)
(45, 69, 136)
(45, 70, 135)
(45, 71, 134)
(45, 72, 133)
(45, 73, 132)
(45, 74, 131)
(45, 75, 130)
(45, 76, 129)
(45, 77, 128)
(45, 78, 127)
(45, 79, 126)
(45, 80, 125)
(45, 81, 124)
(45, 82, 123)
(45, 83, 122)
(45, 84, 121)
(45, 85, 120)
(45, 86, 119)
(45, 87, 118)
(45, 88, 117)
(45, 89, 116)
(45, 90, 115)
(45, 91, 114)
(45, 92, 113)
(45, 93, 112)
(45, 94, 111)
(45, 95, 110)
(45, 96, 109)
(45, 97, 108)
(45, 98, 107)
(45, 99, 106)
(45, 100, 105)
(45, 101, 104)
(45, 102, 103)
(45, 103, 102)
(45, 104, 101)
(45, 105, 100)
(45, 106, 99)
(45, 107, 98)
(45, 108, 97)
(45, 109, 96)
(45, 110, 95)
(45, 111, 94)
(45, 112, 93)

(45, 113, 92)
(45, 114, 91)
(45, 115, 90)
(45, 116, 89)
(45, 117, 88)
(45, 118, 87)
(45, 119, 86)
(45, 120, 85)
(45, 121, 84)
(45, 122, 83)
(45, 123, 82)
(45, 124, 81)
(45, 125, 80)
(45, 126, 79)
(45, 127, 78)
(45, 128, 77)
(45, 129, 76)
(45, 130, 75)
(45, 131, 74)
(45, 132, 73)
(45, 133, 72)
(45, 134, 71)
(45, 135, 70)
(45, 136, 69)
(45, 137, 68)
(45, 138, 67)
(45, 139, 66)
(45, 140, 65)
(45, 141, 64)
(45, 142, 63)
(45, 143, 62)
(45, 144, 61)
(45, 145, 60)
(45, 146, 59)
(45, 147, 58)
(45, 148, 57)
(45, 149, 56)
(45, 150, 55)
(45, 151, 54)
(45, 152, 53)
(45, 153, 52)
(45, 154, 51)
(45, 155, 50)
(45, 156, 49)
(45, 157, 48)
(45, 158, 47)
(45, 159, 46)
(45, 160, 45)

(45, 161, 44)
(45, 162, 43)
(45, 163, 42)
(45, 164, 41)
(45, 165, 40)
(45, 166, 39)
(45, 167, 38)
(45, 168, 37)
(45, 169, 36)
(45, 170, 35)
(45, 171, 34)
(45, 172, 33)
(45, 173, 32)
(45, 174, 31)
(45, 175, 30)
(45, 176, 29)
(45, 177, 28)
(45, 178, 27)
(45, 179, 26)
(45, 180, 25)
(45, 181, 24)
(45, 182, 23)
(45, 183, 22)
(45, 184, 21)
(45, 185, 20)
(45, 186, 19)
(45, 187, 18)
(45, 188, 17)
(45, 189, 16)
(45, 190, 15)
(45, 191, 14)
(45, 192, 13)
(45, 193, 12)
(45, 194, 11)
(45, 195, 10)
(45, 196, 9)
(45, 197, 8)
(45, 198, 7)
(45, 199, 6)
(45, 200, 5)
(45, 201, 4)
(45, 202, 3)
(45, 203, 2)
(45, 204, 1)
(45, 205, 0)
(46, 0, 204)
(46, 1, 203)
(46, 2, 202)

(46, 3, 201)
(46, 4, 200)
(46, 5, 199)
(46, 6, 198)
(46, 7, 197)
(46, 8, 196)
(46, 9, 195)
(46, 10, 194)
(46, 11, 193)
(46, 12, 192)
(46, 13, 191)
(46, 14, 190)
(46, 15, 189)
(46, 16, 188)
(46, 17, 187)
(46, 18, 186)
(46, 19, 185)
(46, 20, 184)
(46, 21, 183)
(46, 22, 182)
(46, 23, 181)
(46, 24, 180)
(46, 25, 179)
(46, 26, 178)
(46, 27, 177)
(46, 28, 176)
(46, 29, 175)
(46, 30, 174)
(46, 31, 173)
(46, 32, 172)
(46, 33, 171)
(46, 34, 170)
(46, 35, 169)
(46, 36, 168)
(46, 37, 167)
(46, 38, 166)
(46, 39, 165)
(46, 40, 164)
(46, 41, 163)
(46, 42, 162)
(46, 43, 161)
(46, 44, 160)
(46, 45, 159)
(46, 46, 158)
(46, 47, 157)
(46, 48, 156)
(46, 49, 155)
(46, 50, 154)

(46, 51, 153)
(46, 52, 152)
(46, 53, 151)
(46, 54, 150)
(46, 55, 149)
(46, 56, 148)
(46, 57, 147)
(46, 58, 146)
(46, 59, 145)
(46, 60, 144)
(46, 61, 143)
(46, 62, 142)
(46, 63, 141)
(46, 64, 140)
(46, 65, 139)
(46, 66, 138)
(46, 67, 137)
(46, 68, 136)
(46, 69, 135)
(46, 70, 134)
(46, 71, 133)
(46, 72, 132)
(46, 73, 131)
(46, 74, 130)
(46, 75, 129)
(46, 76, 128)
(46, 77, 127)
(46, 78, 126)
(46, 79, 125)
(46, 80, 124)
(46, 81, 123)
(46, 82, 122)
(46, 83, 121)
(46, 84, 120)
(46, 85, 119)
(46, 86, 118)
(46, 87, 117)
(46, 88, 116)
(46, 89, 115)
(46, 90, 114)
(46, 91, 113)
(46, 92, 112)
(46, 93, 111)
(46, 94, 110)
(46, 95, 109)
(46, 96, 108)
(46, 97, 107)
(46, 98, 106)

(46, 99, 105)
(46, 100, 104)
(46, 101, 103)
(46, 102, 102)
(46, 103, 101)
(46, 104, 100)
(46, 105, 99)
(46, 106, 98)
(46, 107, 97)
(46, 108, 96)
(46, 109, 95)
(46, 110, 94)
(46, 111, 93)
(46, 112, 92)
(46, 113, 91)
(46, 114, 90)
(46, 115, 89)
(46, 116, 88)
(46, 117, 87)
(46, 118, 86)
(46, 119, 85)
(46, 120, 84)
(46, 121, 83)
(46, 122, 82)
(46, 123, 81)
(46, 124, 80)
(46, 125, 79)
(46, 126, 78)
(46, 127, 77)
(46, 128, 76)
(46, 129, 75)
(46, 130, 74)
(46, 131, 73)
(46, 132, 72)
(46, 133, 71)
(46, 134, 70)
(46, 135, 69)
(46, 136, 68)
(46, 137, 67)
(46, 138, 66)
(46, 139, 65)
(46, 140, 64)
(46, 141, 63)
(46, 142, 62)
(46, 143, 61)
(46, 144, 60)
(46, 145, 59)
(46, 146, 58)

(46, 147, 57)
(46, 148, 56)
(46, 149, 55)
(46, 150, 54)
(46, 151, 53)
(46, 152, 52)
(46, 153, 51)
(46, 154, 50)
(46, 155, 49)
(46, 156, 48)
(46, 157, 47)
(46, 158, 46)
(46, 159, 45)
(46, 160, 44)
(46, 161, 43)
(46, 162, 42)
(46, 163, 41)
(46, 164, 40)
(46, 165, 39)
(46, 166, 38)
(46, 167, 37)
(46, 168, 36)
(46, 169, 35)
(46, 170, 34)
(46, 171, 33)
(46, 172, 32)
(46, 173, 31)
(46, 174, 30)
(46, 175, 29)
(46, 176, 28)
(46, 177, 27)
(46, 178, 26)
(46, 179, 25)
(46, 180, 24)
(46, 181, 23)
(46, 182, 22)
(46, 183, 21)
(46, 184, 20)
(46, 185, 19)
(46, 186, 18)
(46, 187, 17)
(46, 188, 16)
(46, 189, 15)
(46, 190, 14)
(46, 191, 13)
(46, 192, 12)
(46, 193, 11)
(46, 194, 10)

(46, 195, 9)
(46, 196, 8)
(46, 197, 7)
(46, 198, 6)
(46, 199, 5)
(46, 200, 4)
(46, 201, 3)
(46, 202, 2)
(46, 203, 1)
(46, 204, 0)
(47, 0, 203)
(47, 1, 202)
(47, 2, 201)
(47, 3, 200)
(47, 4, 199)
(47, 5, 198)
(47, 6, 197)
(47, 7, 196)
(47, 8, 195)
(47, 9, 194)
(47, 10, 193)
(47, 11, 192)
(47, 12, 191)
(47, 13, 190)
(47, 14, 189)
(47, 15, 188)
(47, 16, 187)
(47, 17, 186)
(47, 18, 185)
(47, 19, 184)
(47, 20, 183)
(47, 21, 182)
(47, 22, 181)
(47, 23, 180)
(47, 24, 179)
(47, 25, 178)
(47, 26, 177)
(47, 27, 176)
(47, 28, 175)
(47, 29, 174)
(47, 30, 173)
(47, 31, 172)
(47, 32, 171)
(47, 33, 170)
(47, 34, 169)
(47, 35, 168)
(47, 36, 167)
(47, 37, 166)

(47, 38, 165)
(47, 39, 164)
(47, 40, 163)
(47, 41, 162)
(47, 42, 161)
(47, 43, 160)
(47, 44, 159)
(47, 45, 158)
(47, 46, 157)
(47, 47, 156)
(47, 48, 155)
(47, 49, 154)
(47, 50, 153)
(47, 51, 152)
(47, 52, 151)
(47, 53, 150)
(47, 54, 149)
(47, 55, 148)
(47, 56, 147)
(47, 57, 146)
(47, 58, 145)
(47, 59, 144)
(47, 60, 143)
(47, 61, 142)
(47, 62, 141)
(47, 63, 140)
(47, 64, 139)
(47, 65, 138)
(47, 66, 137)
(47, 67, 136)
(47, 68, 135)
(47, 69, 134)
(47, 70, 133)
(47, 71, 132)
(47, 72, 131)
(47, 73, 130)
(47, 74, 129)
(47, 75, 128)
(47, 76, 127)
(47, 77, 126)
(47, 78, 125)
(47, 79, 124)
(47, 80, 123)
(47, 81, 122)
(47, 82, 121)
(47, 83, 120)
(47, 84, 119)
(47, 85, 118)

(47, 86, 117)
(47, 87, 116)
(47, 88, 115)
(47, 89, 114)
(47, 90, 113)
(47, 91, 112)
(47, 92, 111)
(47, 93, 110)
(47, 94, 109)
(47, 95, 108)
(47, 96, 107)
(47, 97, 106)
(47, 98, 105)
(47, 99, 104)
(47, 100, 103)
(47, 101, 102)
(47, 102, 101)
(47, 103, 100)
(47, 104, 99)
(47, 105, 98)
(47, 106, 97)
(47, 107, 96)
(47, 108, 95)
(47, 109, 94)
(47, 110, 93)
(47, 111, 92)
(47, 112, 91)
(47, 113, 90)
(47, 114, 89)
(47, 115, 88)
(47, 116, 87)
(47, 117, 86)
(47, 118, 85)
(47, 119, 84)
(47, 120, 83)
(47, 121, 82)
(47, 122, 81)
(47, 123, 80)
(47, 124, 79)
(47, 125, 78)
(47, 126, 77)
(47, 127, 76)
(47, 128, 75)
(47, 129, 74)
(47, 130, 73)
(47, 131, 72)
(47, 132, 71)
(47, 133, 70)

(47, 134, 69)
(47, 135, 68)
(47, 136, 67)
(47, 137, 66)
(47, 138, 65)
(47, 139, 64)
(47, 140, 63)
(47, 141, 62)
(47, 142, 61)
(47, 143, 60)
(47, 144, 59)
(47, 145, 58)
(47, 146, 57)
(47, 147, 56)
(47, 148, 55)
(47, 149, 54)
(47, 150, 53)
(47, 151, 52)
(47, 152, 51)
(47, 153, 50)
(47, 154, 49)
(47, 155, 48)
(47, 156, 47)
(47, 157, 46)
(47, 158, 45)
(47, 159, 44)
(47, 160, 43)
(47, 161, 42)
(47, 162, 41)
(47, 163, 40)
(47, 164, 39)
(47, 165, 38)
(47, 166, 37)
(47, 167, 36)
(47, 168, 35)
(47, 169, 34)
(47, 170, 33)
(47, 171, 32)
(47, 172, 31)
(47, 173, 30)
(47, 174, 29)
(47, 175, 28)
(47, 176, 27)
(47, 177, 26)
(47, 178, 25)
(47, 179, 24)
(47, 180, 23)
(47, 181, 22)

(47, 182, 21)
(47, 183, 20)
(47, 184, 19)
(47, 185, 18)
(47, 186, 17)
(47, 187, 16)
(47, 188, 15)
(47, 189, 14)
(47, 190, 13)
(47, 191, 12)
(47, 192, 11)
(47, 193, 10)
(47, 194, 9)
(47, 195, 8)
(47, 196, 7)
(47, 197, 6)
(47, 198, 5)
(47, 199, 4)
(47, 200, 3)
(47, 201, 2)
(47, 202, 1)
(47, 203, 0)
(48, 0, 202)
(48, 1, 201)
(48, 2, 200)
(48, 3, 199)
(48, 4, 198)
(48, 5, 197)
(48, 6, 196)
(48, 7, 195)
(48, 8, 194)
(48, 9, 193)
(48, 10, 192)
(48, 11, 191)
(48, 12, 190)
(48, 13, 189)
(48, 14, 188)
(48, 15, 187)
(48, 16, 186)
(48, 17, 185)
(48, 18, 184)
(48, 19, 183)
(48, 20, 182)
(48, 21, 181)
(48, 22, 180)
(48, 23, 179)
(48, 24, 178)
(48, 25, 177)

(48, 26, 176)
(48, 27, 175)
(48, 28, 174)
(48, 29, 173)
(48, 30, 172)
(48, 31, 171)
(48, 32, 170)
(48, 33, 169)
(48, 34, 168)
(48, 35, 167)
(48, 36, 166)
(48, 37, 165)
(48, 38, 164)
(48, 39, 163)
(48, 40, 162)
(48, 41, 161)
(48, 42, 160)
(48, 43, 159)
(48, 44, 158)
(48, 45, 157)
(48, 46, 156)
(48, 47, 155)
(48, 48, 154)
(48, 49, 153)
(48, 50, 152)
(48, 51, 151)
(48, 52, 150)
(48, 53, 149)
(48, 54, 148)
(48, 55, 147)
(48, 56, 146)
(48, 57, 145)
(48, 58, 144)
(48, 59, 143)
(48, 60, 142)
(48, 61, 141)
(48, 62, 140)
(48, 63, 139)
(48, 64, 138)
(48, 65, 137)
(48, 66, 136)
(48, 67, 135)
(48, 68, 134)
(48, 69, 133)
(48, 70, 132)
(48, 71, 131)
(48, 72, 130)
(48, 73, 129)

(48, 74, 128)
(48, 75, 127)
(48, 76, 126)
(48, 77, 125)
(48, 78, 124)
(48, 79, 123)
(48, 80, 122)
(48, 81, 121)
(48, 82, 120)
(48, 83, 119)
(48, 84, 118)
(48, 85, 117)
(48, 86, 116)
(48, 87, 115)
(48, 88, 114)
(48, 89, 113)
(48, 90, 112)
(48, 91, 111)
(48, 92, 110)
(48, 93, 109)
(48, 94, 108)
(48, 95, 107)
(48, 96, 106)
(48, 97, 105)
(48, 98, 104)
(48, 99, 103)
(48, 100, 102)
(48, 101, 101)
(48, 102, 100)
(48, 103, 99)
(48, 104, 98)
(48, 105, 97)
(48, 106, 96)
(48, 107, 95)
(48, 108, 94)
(48, 109, 93)
(48, 110, 92)
(48, 111, 91)
(48, 112, 90)
(48, 113, 89)
(48, 114, 88)
(48, 115, 87)
(48, 116, 86)
(48, 117, 85)
(48, 118, 84)
(48, 119, 83)
(48, 120, 82)
(48, 121, 81)

(48, 122, 80)
(48, 123, 79)
(48, 124, 78)
(48, 125, 77)
(48, 126, 76)
(48, 127, 75)
(48, 128, 74)
(48, 129, 73)
(48, 130, 72)
(48, 131, 71)
(48, 132, 70)
(48, 133, 69)
(48, 134, 68)
(48, 135, 67)
(48, 136, 66)
(48, 137, 65)
(48, 138, 64)
(48, 139, 63)
(48, 140, 62)
(48, 141, 61)
(48, 142, 60)
(48, 143, 59)
(48, 144, 58)
(48, 145, 57)
(48, 146, 56)
(48, 147, 55)
(48, 148, 54)
(48, 149, 53)
(48, 150, 52)
(48, 151, 51)
(48, 152, 50)
(48, 153, 49)
(48, 154, 48)
(48, 155, 47)
(48, 156, 46)
(48, 157, 45)
(48, 158, 44)
(48, 159, 43)
(48, 160, 42)
(48, 161, 41)
(48, 162, 40)
(48, 163, 39)
(48, 164, 38)
(48, 165, 37)
(48, 166, 36)
(48, 167, 35)
(48, 168, 34)
(48, 169, 33)

(48, 170, 32)
(48, 171, 31)
(48, 172, 30)
(48, 173, 29)
(48, 174, 28)
(48, 175, 27)
(48, 176, 26)
(48, 177, 25)
(48, 178, 24)
(48, 179, 23)
(48, 180, 22)
(48, 181, 21)
(48, 182, 20)
(48, 183, 19)
(48, 184, 18)
(48, 185, 17)
(48, 186, 16)
(48, 187, 15)
(48, 188, 14)
(48, 189, 13)
(48, 190, 12)
(48, 191, 11)
(48, 192, 10)
(48, 193, 9)
(48, 194, 8)
(48, 195, 7)
(48, 196, 6)
(48, 197, 5)
(48, 198, 4)
(48, 199, 3)
(48, 200, 2)
(48, 201, 1)
(48, 202, 0)
(49, 0, 201)
(49, 1, 200)
(49, 2, 199)
(49, 3, 198)
(49, 4, 197)
(49, 5, 196)
(49, 6, 195)
(49, 7, 194)
(49, 8, 193)
(49, 9, 192)
(49, 10, 191)
(49, 11, 190)
(49, 12, 189)
(49, 13, 188)
(49, 14, 187)

(49, 15, 186)
(49, 16, 185)
(49, 17, 184)
(49, 18, 183)
(49, 19, 182)
(49, 20, 181)
(49, 21, 180)
(49, 22, 179)
(49, 23, 178)
(49, 24, 177)
(49, 25, 176)
(49, 26, 175)
(49, 27, 174)
(49, 28, 173)
(49, 29, 172)
(49, 30, 171)
(49, 31, 170)
(49, 32, 169)
(49, 33, 168)
(49, 34, 167)
(49, 35, 166)
(49, 36, 165)
(49, 37, 164)
(49, 38, 163)
(49, 39, 162)
(49, 40, 161)
(49, 41, 160)
(49, 42, 159)
(49, 43, 158)
(49, 44, 157)
(49, 45, 156)
(49, 46, 155)
(49, 47, 154)
(49, 48, 153)
(49, 49, 152)
(49, 50, 151)
(49, 51, 150)
(49, 52, 149)
(49, 53, 148)
(49, 54, 147)
(49, 55, 146)
(49, 56, 145)
(49, 57, 144)
(49, 58, 143)
(49, 59, 142)
(49, 60, 141)
(49, 61, 140)
(49, 62, 139)

(49, 63, 138)
(49, 64, 137)
(49, 65, 136)
(49, 66, 135)
(49, 67, 134)
(49, 68, 133)
(49, 69, 132)
(49, 70, 131)
(49, 71, 130)
(49, 72, 129)
(49, 73, 128)
(49, 74, 127)
(49, 75, 126)
(49, 76, 125)
(49, 77, 124)
(49, 78, 123)
(49, 79, 122)
(49, 80, 121)
(49, 81, 120)
(49, 82, 119)
(49, 83, 118)
(49, 84, 117)
(49, 85, 116)
(49, 86, 115)
(49, 87, 114)
(49, 88, 113)
(49, 89, 112)
(49, 90, 111)
(49, 91, 110)
(49, 92, 109)
(49, 93, 108)
(49, 94, 107)
(49, 95, 106)
(49, 96, 105)
(49, 97, 104)
(49, 98, 103)
(49, 99, 102)
(49, 100, 101)
(49, 101, 100)
(49, 102, 99)
(49, 103, 98)
(49, 104, 97)
(49, 105, 96)
(49, 106, 95)
(49, 107, 94)
(49, 108, 93)
(49, 109, 92)
(49, 110, 91)

(49, 111, 90)
(49, 112, 89)
(49, 113, 88)
(49, 114, 87)
(49, 115, 86)
(49, 116, 85)
(49, 117, 84)
(49, 118, 83)
(49, 119, 82)
(49, 120, 81)
(49, 121, 80)
(49, 122, 79)
(49, 123, 78)
(49, 124, 77)
(49, 125, 76)
(49, 126, 75)
(49, 127, 74)
(49, 128, 73)
(49, 129, 72)
(49, 130, 71)
(49, 131, 70)
(49, 132, 69)
(49, 133, 68)
(49, 134, 67)
(49, 135, 66)
(49, 136, 65)
(49, 137, 64)
(49, 138, 63)
(49, 139, 62)
(49, 140, 61)
(49, 141, 60)
(49, 142, 59)
(49, 143, 58)
(49, 144, 57)
(49, 145, 56)
(49, 146, 55)
(49, 147, 54)
(49, 148, 53)
(49, 149, 52)
(49, 150, 51)
(49, 151, 50)
(49, 152, 49)
(49, 153, 48)
(49, 154, 47)
(49, 155, 46)
(49, 156, 45)
(49, 157, 44)
(49, 158, 43)

(49, 159, 42)
(49, 160, 41)
(49, 161, 40)
(49, 162, 39)
(49, 163, 38)
(49, 164, 37)
(49, 165, 36)
(49, 166, 35)
(49, 167, 34)
(49, 168, 33)
(49, 169, 32)
(49, 170, 31)
(49, 171, 30)
(49, 172, 29)
(49, 173, 28)
(49, 174, 27)
(49, 175, 26)
(49, 176, 25)
(49, 177, 24)
(49, 178, 23)
(49, 179, 22)
(49, 180, 21)
(49, 181, 20)
(49, 182, 19)
(49, 183, 18)
(49, 184, 17)
(49, 185, 16)
(49, 186, 15)
(49, 187, 14)
(49, 188, 13)
(49, 189, 12)
(49, 190, 11)
(49, 191, 10)
(49, 192, 9)
(49, 193, 8)
(49, 194, 7)
(49, 195, 6)
(49, 196, 5)
(49, 197, 4)
(49, 198, 3)
(49, 199, 2)
(49, 200, 1)
(49, 201, 0)
(50, 0, 200)
(50, 1, 199)
(50, 2, 198)
(50, 3, 197)
(50, 4, 196)

(50, 5, 195)
(50, 6, 194)
(50, 7, 193)
(50, 8, 192)
(50, 9, 191)
(50, 10, 190)
(50, 11, 189)
(50, 12, 188)
(50, 13, 187)
(50, 14, 186)
(50, 15, 185)
(50, 16, 184)
(50, 17, 183)
(50, 18, 182)
(50, 19, 181)
(50, 20, 180)
(50, 21, 179)
(50, 22, 178)
(50, 23, 177)
(50, 24, 176)
(50, 25, 175)
(50, 26, 174)
(50, 27, 173)
(50, 28, 172)
(50, 29, 171)
(50, 30, 170)
(50, 31, 169)
(50, 32, 168)
(50, 33, 167)
(50, 34, 166)
(50, 35, 165)
(50, 36, 164)
(50, 37, 163)
(50, 38, 162)
(50, 39, 161)
(50, 40, 160)
(50, 41, 159)
(50, 42, 158)
(50, 43, 157)
(50, 44, 156)
(50, 45, 155)
(50, 46, 154)
(50, 47, 153)
(50, 48, 152)
(50, 49, 151)
(50, 50, 150)
(50, 51, 149)
(50, 52, 148)

(50, 53, 147)
(50, 54, 146)
(50, 55, 145)
(50, 56, 144)
(50, 57, 143)
(50, 58, 142)
(50, 59, 141)
(50, 60, 140)
(50, 61, 139)
(50, 62, 138)
(50, 63, 137)
(50, 64, 136)
(50, 65, 135)
(50, 66, 134)
(50, 67, 133)
(50, 68, 132)
(50, 69, 131)
(50, 70, 130)
(50, 71, 129)
(50, 72, 128)
(50, 73, 127)
(50, 74, 126)
(50, 75, 125)
(50, 76, 124)
(50, 77, 123)
(50, 78, 122)
(50, 79, 121)
(50, 80, 120)
(50, 81, 119)
(50, 82, 118)
(50, 83, 117)
(50, 84, 116)
(50, 85, 115)
(50, 86, 114)
(50, 87, 113)
(50, 88, 112)
(50, 89, 111)
(50, 90, 110)
(50, 91, 109)
(50, 92, 108)
(50, 93, 107)
(50, 94, 106)
(50, 95, 105)
(50, 96, 104)
(50, 97, 103)
(50, 98, 102)
(50, 99, 101)
(50, 100, 100)

(50, 101, 99)
(50, 102, 98)
(50, 103, 97)
(50, 104, 96)
(50, 105, 95)
(50, 106, 94)
(50, 107, 93)
(50, 108, 92)
(50, 109, 91)
(50, 110, 90)
(50, 111, 89)
(50, 112, 88)
(50, 113, 87)
(50, 114, 86)
(50, 115, 85)
(50, 116, 84)
(50, 117, 83)
(50, 118, 82)
(50, 119, 81)
(50, 120, 80)
(50, 121, 79)
(50, 122, 78)
(50, 123, 77)
(50, 124, 76)
(50, 125, 75)
(50, 126, 74)
(50, 127, 73)
(50, 128, 72)
(50, 129, 71)
(50, 130, 70)
(50, 131, 69)
(50, 132, 68)
(50, 133, 67)
(50, 134, 66)
(50, 135, 65)
(50, 136, 64)
(50, 137, 63)
(50, 138, 62)
(50, 139, 61)
(50, 140, 60)
(50, 141, 59)
(50, 142, 58)
(50, 143, 57)
(50, 144, 56)
(50, 145, 55)
(50, 146, 54)
(50, 147, 53)
(50, 148, 52)

(50, 149, 51)
(50, 150, 50)
(50, 151, 49)
(50, 152, 48)
(50, 153, 47)
(50, 154, 46)
(50, 155, 45)
(50, 156, 44)
(50, 157, 43)
(50, 158, 42)
(50, 159, 41)
(50, 160, 40)
(50, 161, 39)
(50, 162, 38)
(50, 163, 37)
(50, 164, 36)
(50, 165, 35)
(50, 166, 34)
(50, 167, 33)
(50, 168, 32)
(50, 169, 31)
(50, 170, 30)
(50, 171, 29)
(50, 172, 28)
(50, 173, 27)
(50, 174, 26)
(50, 175, 25)
(50, 176, 24)
(50, 177, 23)
(50, 178, 22)
(50, 179, 21)
(50, 180, 20)
(50, 181, 19)
(50, 182, 18)
(50, 183, 17)
(50, 184, 16)
(50, 185, 15)
(50, 186, 14)
(50, 187, 13)
(50, 188, 12)
(50, 189, 11)
(50, 190, 10)
(50, 191, 9)
(50, 192, 8)
(50, 193, 7)
(50, 194, 6)
(50, 195, 5)
(50, 196, 4)

(50, 197, 3)
(50, 198, 2)
(50, 199, 1)
(50, 200, 0)
(51, 0, 199)
(51, 1, 198)
(51, 2, 197)
(51, 3, 196)
(51, 4, 195)
(51, 5, 194)
(51, 6, 193)
(51, 7, 192)
(51, 8, 191)
(51, 9, 190)
(51, 10, 189)
(51, 11, 188)
(51, 12, 187)
(51, 13, 186)
(51, 14, 185)
(51, 15, 184)
(51, 16, 183)
(51, 17, 182)
(51, 18, 181)
(51, 19, 180)
(51, 20, 179)
(51, 21, 178)
(51, 22, 177)
(51, 23, 176)
(51, 24, 175)
(51, 25, 174)
(51, 26, 173)
(51, 27, 172)
(51, 28, 171)
(51, 29, 170)
(51, 30, 169)
(51, 31, 168)
(51, 32, 167)
(51, 33, 166)
(51, 34, 165)
(51, 35, 164)
(51, 36, 163)
(51, 37, 162)
(51, 38, 161)
(51, 39, 160)
(51, 40, 159)
(51, 41, 158)
(51, 42, 157)
(51, 43, 156)

(51, 44, 155)
(51, 45, 154)
(51, 46, 153)
(51, 47, 152)
(51, 48, 151)
(51, 49, 150)
(51, 50, 149)
(51, 51, 148)
(51, 52, 147)
(51, 53, 146)
(51, 54, 145)
(51, 55, 144)
(51, 56, 143)
(51, 57, 142)
(51, 58, 141)
(51, 59, 140)
(51, 60, 139)
(51, 61, 138)
(51, 62, 137)
(51, 63, 136)
(51, 64, 135)
(51, 65, 134)
(51, 66, 133)
(51, 67, 132)
(51, 68, 131)
(51, 69, 130)
(51, 70, 129)
(51, 71, 128)
(51, 72, 127)
(51, 73, 126)
(51, 74, 125)
(51, 75, 124)
(51, 76, 123)
(51, 77, 122)
(51, 78, 121)
(51, 79, 120)
(51, 80, 119)
(51, 81, 118)
(51, 82, 117)
(51, 83, 116)
(51, 84, 115)
(51, 85, 114)
(51, 86, 113)
(51, 87, 112)
(51, 88, 111)
(51, 89, 110)
(51, 90, 109)
(51, 91, 108)

(51, 92, 107)
(51, 93, 106)
(51, 94, 105)
(51, 95, 104)
(51, 96, 103)
(51, 97, 102)
(51, 98, 101)
(51, 99, 100)
(51, 100, 99)
(51, 101, 98)
(51, 102, 97)
(51, 103, 96)
(51, 104, 95)
(51, 105, 94)
(51, 106, 93)
(51, 107, 92)
(51, 108, 91)
(51, 109, 90)
(51, 110, 89)
(51, 111, 88)
(51, 112, 87)
(51, 113, 86)
(51, 114, 85)
(51, 115, 84)
(51, 116, 83)
(51, 117, 82)
(51, 118, 81)
(51, 119, 80)
(51, 120, 79)
(51, 121, 78)
(51, 122, 77)
(51, 123, 76)
(51, 124, 75)
(51, 125, 74)
(51, 126, 73)
(51, 127, 72)
(51, 128, 71)
(51, 129, 70)
(51, 130, 69)
(51, 131, 68)
(51, 132, 67)
(51, 133, 66)
(51, 134, 65)
(51, 135, 64)
(51, 136, 63)
(51, 137, 62)
(51, 138, 61)
(51, 139, 60)

(51, 140, 59)
(51, 141, 58)
(51, 142, 57)
(51, 143, 56)
(51, 144, 55)
(51, 145, 54)
(51, 146, 53)
(51, 147, 52)
(51, 148, 51)
(51, 149, 50)
(51, 150, 49)
(51, 151, 48)
(51, 152, 47)
(51, 153, 46)
(51, 154, 45)
(51, 155, 44)
(51, 156, 43)
(51, 157, 42)
(51, 158, 41)
(51, 159, 40)
(51, 160, 39)
(51, 161, 38)
(51, 162, 37)
(51, 163, 36)
(51, 164, 35)
(51, 165, 34)
(51, 166, 33)
(51, 167, 32)
(51, 168, 31)
(51, 169, 30)
(51, 170, 29)
(51, 171, 28)
(51, 172, 27)
(51, 173, 26)
(51, 174, 25)
(51, 175, 24)
(51, 176, 23)
(51, 177, 22)
(51, 178, 21)
(51, 179, 20)
(51, 180, 19)
(51, 181, 18)
(51, 182, 17)
(51, 183, 16)
(51, 184, 15)
(51, 185, 14)
(51, 186, 13)
(51, 187, 12)

(51, 188, 11)
(51, 189, 10)
(51, 190, 9)
(51, 191, 8)
(51, 192, 7)
(51, 193, 6)
(51, 194, 5)
(51, 195, 4)
(51, 196, 3)
(51, 197, 2)
(51, 198, 1)
(51, 199, 0)
(52, 0, 198)
(52, 1, 197)
(52, 2, 196)
(52, 3, 195)
(52, 4, 194)
(52, 5, 193)
(52, 6, 192)
(52, 7, 191)
(52, 8, 190)
(52, 9, 189)
(52, 10, 188)
(52, 11, 187)
(52, 12, 186)
(52, 13, 185)
(52, 14, 184)
(52, 15, 183)
(52, 16, 182)
(52, 17, 181)
(52, 18, 180)
(52, 19, 179)
(52, 20, 178)
(52, 21, 177)
(52, 22, 176)
(52, 23, 175)
(52, 24, 174)
(52, 25, 173)
(52, 26, 172)
(52, 27, 171)
(52, 28, 170)
(52, 29, 169)
(52, 30, 168)
(52, 31, 167)
(52, 32, 166)
(52, 33, 165)
(52, 34, 164)
(52, 35, 163)

(52, 36, 162)
(52, 37, 161)
(52, 38, 160)
(52, 39, 159)
(52, 40, 158)
(52, 41, 157)
(52, 42, 156)
(52, 43, 155)
(52, 44, 154)
(52, 45, 153)
(52, 46, 152)
(52, 47, 151)
(52, 48, 150)
(52, 49, 149)
(52, 50, 148)
(52, 51, 147)
(52, 52, 146)
(52, 53, 145)
(52, 54, 144)
(52, 55, 143)
(52, 56, 142)
(52, 57, 141)
(52, 58, 140)
(52, 59, 139)
(52, 60, 138)
(52, 61, 137)
(52, 62, 136)
(52, 63, 135)
(52, 64, 134)
(52, 65, 133)
(52, 66, 132)
(52, 67, 131)
(52, 68, 130)
(52, 69, 129)
(52, 70, 128)
(52, 71, 127)
(52, 72, 126)
(52, 73, 125)
(52, 74, 124)
(52, 75, 123)
(52, 76, 122)
(52, 77, 121)
(52, 78, 120)
(52, 79, 119)
(52, 80, 118)
(52, 81, 117)
(52, 82, 116)
(52, 83, 115)

(52, 84, 114)
(52, 85, 113)
(52, 86, 112)
(52, 87, 111)
(52, 88, 110)
(52, 89, 109)
(52, 90, 108)
(52, 91, 107)
(52, 92, 106)
(52, 93, 105)
(52, 94, 104)
(52, 95, 103)
(52, 96, 102)
(52, 97, 101)
(52, 98, 100)
(52, 99, 99)
(52, 100, 98)
(52, 101, 97)
(52, 102, 96)
(52, 103, 95)
(52, 104, 94)
(52, 105, 93)
(52, 106, 92)
(52, 107, 91)
(52, 108, 90)
(52, 109, 89)
(52, 110, 88)
(52, 111, 87)
(52, 112, 86)
(52, 113, 85)
(52, 114, 84)
(52, 115, 83)
(52, 116, 82)
(52, 117, 81)
(52, 118, 80)
(52, 119, 79)
(52, 120, 78)
(52, 121, 77)
(52, 122, 76)
(52, 123, 75)
(52, 124, 74)
(52, 125, 73)
(52, 126, 72)
(52, 127, 71)
(52, 128, 70)
(52, 129, 69)
(52, 130, 68)
(52, 131, 67)

(52, 132, 66)
(52, 133, 65)
(52, 134, 64)
(52, 135, 63)
(52, 136, 62)
(52, 137, 61)
(52, 138, 60)
(52, 139, 59)
(52, 140, 58)
(52, 141, 57)
(52, 142, 56)
(52, 143, 55)
(52, 144, 54)
(52, 145, 53)
(52, 146, 52)
(52, 147, 51)
(52, 148, 50)
(52, 149, 49)
(52, 150, 48)
(52, 151, 47)
(52, 152, 46)
(52, 153, 45)
(52, 154, 44)
(52, 155, 43)
(52, 156, 42)
(52, 157, 41)
(52, 158, 40)
(52, 159, 39)
(52, 160, 38)
(52, 161, 37)
(52, 162, 36)
(52, 163, 35)
(52, 164, 34)
(52, 165, 33)
(52, 166, 32)
(52, 167, 31)
(52, 168, 30)
(52, 169, 29)
(52, 170, 28)
(52, 171, 27)
(52, 172, 26)
(52, 173, 25)
(52, 174, 24)
(52, 175, 23)
(52, 176, 22)
(52, 177, 21)
(52, 178, 20)
(52, 179, 19)

(52, 180, 18)
(52, 181, 17)
(52, 182, 16)
(52, 183, 15)
(52, 184, 14)
(52, 185, 13)
(52, 186, 12)
(52, 187, 11)
(52, 188, 10)
(52, 189, 9)
(52, 190, 8)
(52, 191, 7)
(52, 192, 6)
(52, 193, 5)
(52, 194, 4)
(52, 195, 3)
(52, 196, 2)
(52, 197, 1)
(52, 198, 0)
(53, 0, 197)
(53, 1, 196)
(53, 2, 195)
(53, 3, 194)
(53, 4, 193)
(53, 5, 192)
(53, 6, 191)
(53, 7, 190)
(53, 8, 189)
(53, 9, 188)
(53, 10, 187)
(53, 11, 186)
(53, 12, 185)
(53, 13, 184)
(53, 14, 183)
(53, 15, 182)
(53, 16, 181)
(53, 17, 180)
(53, 18, 179)
(53, 19, 178)
(53, 20, 177)
(53, 21, 176)
(53, 22, 175)
(53, 23, 174)
(53, 24, 173)
(53, 25, 172)
(53, 26, 171)
(53, 27, 170)
(53, 28, 169)

(53, 29, 168)
(53, 30, 167)
(53, 31, 166)
(53, 32, 165)
(53, 33, 164)
(53, 34, 163)
(53, 35, 162)
(53, 36, 161)
(53, 37, 160)
(53, 38, 159)
(53, 39, 158)
(53, 40, 157)
(53, 41, 156)
(53, 42, 155)
(53, 43, 154)
(53, 44, 153)
(53, 45, 152)
(53, 46, 151)
(53, 47, 150)
(53, 48, 149)
(53, 49, 148)
(53, 50, 147)
(53, 51, 146)
(53, 52, 145)
(53, 53, 144)
(53, 54, 143)
(53, 55, 142)
(53, 56, 141)
(53, 57, 140)
(53, 58, 139)
(53, 59, 138)
(53, 60, 137)
(53, 61, 136)
(53, 62, 135)
(53, 63, 134)
(53, 64, 133)
(53, 65, 132)
(53, 66, 131)
(53, 67, 130)
(53, 68, 129)
(53, 69, 128)
(53, 70, 127)
(53, 71, 126)
(53, 72, 125)
(53, 73, 124)
(53, 74, 123)
(53, 75, 122)
(53, 76, 121)

(53, 77, 120)
(53, 78, 119)
(53, 79, 118)
(53, 80, 117)
(53, 81, 116)
(53, 82, 115)
(53, 83, 114)
(53, 84, 113)
(53, 85, 112)
(53, 86, 111)
(53, 87, 110)
(53, 88, 109)
(53, 89, 108)
(53, 90, 107)
(53, 91, 106)
(53, 92, 105)
(53, 93, 104)
(53, 94, 103)
(53, 95, 102)
(53, 96, 101)
(53, 97, 100)
(53, 98, 99)
(53, 99, 98)
(53, 100, 97)
(53, 101, 96)
(53, 102, 95)
(53, 103, 94)
(53, 104, 93)
(53, 105, 92)
(53, 106, 91)
(53, 107, 90)
(53, 108, 89)
(53, 109, 88)
(53, 110, 87)
(53, 111, 86)
(53, 112, 85)
(53, 113, 84)
(53, 114, 83)
(53, 115, 82)
(53, 116, 81)
(53, 117, 80)
(53, 118, 79)
(53, 119, 78)
(53, 120, 77)
(53, 121, 76)
(53, 122, 75)
(53, 123, 74)
(53, 124, 73)

(53, 125, 72)
(53, 126, 71)
(53, 127, 70)
(53, 128, 69)
(53, 129, 68)
(53, 130, 67)
(53, 131, 66)
(53, 132, 65)
(53, 133, 64)
(53, 134, 63)
(53, 135, 62)
(53, 136, 61)
(53, 137, 60)
(53, 138, 59)
(53, 139, 58)
(53, 140, 57)
(53, 141, 56)
(53, 142, 55)
(53, 143, 54)
(53, 144, 53)
(53, 145, 52)
(53, 146, 51)
(53, 147, 50)
(53, 148, 49)
(53, 149, 48)
(53, 150, 47)
(53, 151, 46)
(53, 152, 45)
(53, 153, 44)
(53, 154, 43)
(53, 155, 42)
(53, 156, 41)
(53, 157, 40)
(53, 158, 39)
(53, 159, 38)
(53, 160, 37)
(53, 161, 36)
(53, 162, 35)
(53, 163, 34)
(53, 164, 33)
(53, 165, 32)
(53, 166, 31)
(53, 167, 30)
(53, 168, 29)
(53, 169, 28)
(53, 170, 27)
(53, 171, 26)
(53, 172, 25)

(53, 173, 24)
(53, 174, 23)
(53, 175, 22)
(53, 176, 21)
(53, 177, 20)
(53, 178, 19)
(53, 179, 18)
(53, 180, 17)
(53, 181, 16)
(53, 182, 15)
(53, 183, 14)
(53, 184, 13)
(53, 185, 12)
(53, 186, 11)
(53, 187, 10)
(53, 188, 9)
(53, 189, 8)
(53, 190, 7)
(53, 191, 6)
(53, 192, 5)
(53, 193, 4)
(53, 194, 3)
(53, 195, 2)
(53, 196, 1)
(53, 197, 0)
(54, 0, 196)
(54, 1, 195)
(54, 2, 194)
(54, 3, 193)
(54, 4, 192)
(54, 5, 191)
(54, 6, 190)
(54, 7, 189)
(54, 8, 188)
(54, 9, 187)
(54, 10, 186)
(54, 11, 185)
(54, 12, 184)
(54, 13, 183)
(54, 14, 182)
(54, 15, 181)
(54, 16, 180)
(54, 17, 179)
(54, 18, 178)
(54, 19, 177)
(54, 20, 176)
(54, 21, 175)
(54, 22, 174)

(54, 23, 173)
(54, 24, 172)
(54, 25, 171)
(54, 26, 170)
(54, 27, 169)
(54, 28, 168)
(54, 29, 167)
(54, 30, 166)
(54, 31, 165)
(54, 32, 164)
(54, 33, 163)
(54, 34, 162)
(54, 35, 161)
(54, 36, 160)
(54, 37, 159)
(54, 38, 158)
(54, 39, 157)
(54, 40, 156)
(54, 41, 155)
(54, 42, 154)
(54, 43, 153)
(54, 44, 152)
(54, 45, 151)
(54, 46, 150)
(54, 47, 149)
(54, 48, 148)
(54, 49, 147)
(54, 50, 146)
(54, 51, 145)
(54, 52, 144)
(54, 53, 143)
(54, 54, 142)
(54, 55, 141)
(54, 56, 140)
(54, 57, 139)
(54, 58, 138)
(54, 59, 137)
(54, 60, 136)
(54, 61, 135)
(54, 62, 134)
(54, 63, 133)
(54, 64, 132)
(54, 65, 131)
(54, 66, 130)
(54, 67, 129)
(54, 68, 128)
(54, 69, 127)
(54, 70, 126)

(54, 71, 125)
(54, 72, 124)
(54, 73, 123)
(54, 74, 122)
(54, 75, 121)
(54, 76, 120)
(54, 77, 119)
(54, 78, 118)
(54, 79, 117)
(54, 80, 116)
(54, 81, 115)
(54, 82, 114)
(54, 83, 113)
(54, 84, 112)
(54, 85, 111)
(54, 86, 110)
(54, 87, 109)
(54, 88, 108)
(54, 89, 107)
(54, 90, 106)
(54, 91, 105)
(54, 92, 104)
(54, 93, 103)
(54, 94, 102)
(54, 95, 101)
(54, 96, 100)
(54, 97, 99)
(54, 98, 98)
(54, 99, 97)
(54, 100, 96)
(54, 101, 95)
(54, 102, 94)
(54, 103, 93)
(54, 104, 92)
(54, 105, 91)
(54, 106, 90)
(54, 107, 89)
(54, 108, 88)
(54, 109, 87)
(54, 110, 86)
(54, 111, 85)
(54, 112, 84)
(54, 113, 83)
(54, 114, 82)
(54, 115, 81)
(54, 116, 80)
(54, 117, 79)
(54, 118, 78)

(54, 119, 77)
(54, 120, 76)
(54, 121, 75)
(54, 122, 74)
(54, 123, 73)
(54, 124, 72)
(54, 125, 71)
(54, 126, 70)
(54, 127, 69)
(54, 128, 68)
(54, 129, 67)
(54, 130, 66)
(54, 131, 65)
(54, 132, 64)
(54, 133, 63)
(54, 134, 62)
(54, 135, 61)
(54, 136, 60)
(54, 137, 59)
(54, 138, 58)
(54, 139, 57)
(54, 140, 56)
(54, 141, 55)
(54, 142, 54)
(54, 143, 53)
(54, 144, 52)
(54, 145, 51)
(54, 146, 50)
(54, 147, 49)
(54, 148, 48)
(54, 149, 47)
(54, 150, 46)
(54, 151, 45)
(54, 152, 44)
(54, 153, 43)
(54, 154, 42)
(54, 155, 41)
(54, 156, 40)
(54, 157, 39)
(54, 158, 38)
(54, 159, 37)
(54, 160, 36)
(54, 161, 35)
(54, 162, 34)
(54, 163, 33)
(54, 164, 32)
(54, 165, 31)
(54, 166, 30)

(54, 167, 29)
(54, 168, 28)
(54, 169, 27)
(54, 170, 26)
(54, 171, 25)
(54, 172, 24)
(54, 173, 23)
(54, 174, 22)
(54, 175, 21)
(54, 176, 20)
(54, 177, 19)
(54, 178, 18)
(54, 179, 17)
(54, 180, 16)
(54, 181, 15)
(54, 182, 14)
(54, 183, 13)
(54, 184, 12)
(54, 185, 11)
(54, 186, 10)
(54, 187, 9)
(54, 188, 8)
(54, 189, 7)
(54, 190, 6)
(54, 191, 5)
(54, 192, 4)
(54, 193, 3)
(54, 194, 2)
(54, 195, 1)
(54, 196, 0)
(55, 0, 195)
(55, 1, 194)
(55, 2, 193)
(55, 3, 192)
(55, 4, 191)
(55, 5, 190)
(55, 6, 189)
(55, 7, 188)
(55, 8, 187)
(55, 9, 186)
(55, 10, 185)
(55, 11, 184)
(55, 12, 183)
(55, 13, 182)
(55, 14, 181)
(55, 15, 180)
(55, 16, 179)
(55, 17, 178)

(55, 18, 177)
(55, 19, 176)
(55, 20, 175)
(55, 21, 174)
(55, 22, 173)
(55, 23, 172)
(55, 24, 171)
(55, 25, 170)
(55, 26, 169)
(55, 27, 168)
(55, 28, 167)
(55, 29, 166)
(55, 30, 165)
(55, 31, 164)
(55, 32, 163)
(55, 33, 162)
(55, 34, 161)
(55, 35, 160)
(55, 36, 159)
(55, 37, 158)
(55, 38, 157)
(55, 39, 156)
(55, 40, 155)
(55, 41, 154)
(55, 42, 153)
(55, 43, 152)
(55, 44, 151)
(55, 45, 150)
(55, 46, 149)
(55, 47, 148)
(55, 48, 147)
(55, 49, 146)
(55, 50, 145)
(55, 51, 144)
(55, 52, 143)
(55, 53, 142)
(55, 54, 141)
(55, 55, 140)
(55, 56, 139)
(55, 57, 138)
(55, 58, 137)
(55, 59, 136)
(55, 60, 135)
(55, 61, 134)
(55, 62, 133)
(55, 63, 132)
(55, 64, 131)
(55, 65, 130)

(55, 66, 129)
(55, 67, 128)
(55, 68, 127)
(55, 69, 126)
(55, 70, 125)
(55, 71, 124)
(55, 72, 123)
(55, 73, 122)
(55, 74, 121)
(55, 75, 120)
(55, 76, 119)
(55, 77, 118)
(55, 78, 117)
(55, 79, 116)
(55, 80, 115)
(55, 81, 114)
(55, 82, 113)
(55, 83, 112)
(55, 84, 111)
(55, 85, 110)
(55, 86, 109)
(55, 87, 108)
(55, 88, 107)
(55, 89, 106)
(55, 90, 105)
(55, 91, 104)
(55, 92, 103)
(55, 93, 102)
(55, 94, 101)
(55, 95, 100)
(55, 96, 99)
(55, 97, 98)
(55, 98, 97)
(55, 99, 96)
(55, 100, 95)
(55, 101, 94)
(55, 102, 93)
(55, 103, 92)
(55, 104, 91)
(55, 105, 90)
(55, 106, 89)
(55, 107, 88)
(55, 108, 87)
(55, 109, 86)
(55, 110, 85)
(55, 111, 84)
(55, 112, 83)
(55, 113, 82)

(55, 114, 81)
(55, 115, 80)
(55, 116, 79)
(55, 117, 78)
(55, 118, 77)
(55, 119, 76)
(55, 120, 75)
(55, 121, 74)
(55, 122, 73)
(55, 123, 72)
(55, 124, 71)
(55, 125, 70)
(55, 126, 69)
(55, 127, 68)
(55, 128, 67)
(55, 129, 66)
(55, 130, 65)
(55, 131, 64)
(55, 132, 63)
(55, 133, 62)
(55, 134, 61)
(55, 135, 60)
(55, 136, 59)
(55, 137, 58)
(55, 138, 57)
(55, 139, 56)
(55, 140, 55)
(55, 141, 54)
(55, 142, 53)
(55, 143, 52)
(55, 144, 51)
(55, 145, 50)
(55, 146, 49)
(55, 147, 48)
(55, 148, 47)
(55, 149, 46)
(55, 150, 45)
(55, 151, 44)
(55, 152, 43)
(55, 153, 42)
(55, 154, 41)
(55, 155, 40)
(55, 156, 39)
(55, 157, 38)
(55, 158, 37)
(55, 159, 36)
(55, 160, 35)
(55, 161, 34)

(55, 162, 33)
(55, 163, 32)
(55, 164, 31)
(55, 165, 30)
(55, 166, 29)
(55, 167, 28)
(55, 168, 27)
(55, 169, 26)
(55, 170, 25)
(55, 171, 24)
(55, 172, 23)
(55, 173, 22)
(55, 174, 21)
(55, 175, 20)
(55, 176, 19)
(55, 177, 18)
(55, 178, 17)
(55, 179, 16)
(55, 180, 15)
(55, 181, 14)
(55, 182, 13)
(55, 183, 12)
(55, 184, 11)
(55, 185, 10)
(55, 186, 9)
(55, 187, 8)
(55, 188, 7)
(55, 189, 6)
(55, 190, 5)
(55, 191, 4)
(55, 192, 3)
(55, 193, 2)
(55, 194, 1)
(55, 195, 0)
(56, 0, 194)
(56, 1, 193)
(56, 2, 192)
(56, 3, 191)
(56, 4, 190)
(56, 5, 189)
(56, 6, 188)
(56, 7, 187)
(56, 8, 186)
(56, 9, 185)
(56, 10, 184)
(56, 11, 183)
(56, 12, 182)
(56, 13, 181)

(56, 14, 180)
(56, 15, 179)
(56, 16, 178)
(56, 17, 177)
(56, 18, 176)
(56, 19, 175)
(56, 20, 174)
(56, 21, 173)
(56, 22, 172)
(56, 23, 171)
(56, 24, 170)
(56, 25, 169)
(56, 26, 168)
(56, 27, 167)
(56, 28, 166)
(56, 29, 165)
(56, 30, 164)
(56, 31, 163)
(56, 32, 162)
(56, 33, 161)
(56, 34, 160)
(56, 35, 159)
(56, 36, 158)
(56, 37, 157)
(56, 38, 156)
(56, 39, 155)
(56, 40, 154)
(56, 41, 153)
(56, 42, 152)
(56, 43, 151)
(56, 44, 150)
(56, 45, 149)
(56, 46, 148)
(56, 47, 147)
(56, 48, 146)
(56, 49, 145)
(56, 50, 144)
(56, 51, 143)
(56, 52, 142)
(56, 53, 141)
(56, 54, 140)
(56, 55, 139)
(56, 56, 138)
(56, 57, 137)
(56, 58, 136)
(56, 59, 135)
(56, 60, 134)
(56, 61, 133)

(56, 62, 132)
(56, 63, 131)
(56, 64, 130)
(56, 65, 129)
(56, 66, 128)
(56, 67, 127)
(56, 68, 126)
(56, 69, 125)
(56, 70, 124)
(56, 71, 123)
(56, 72, 122)
(56, 73, 121)
(56, 74, 120)
(56, 75, 119)
(56, 76, 118)
(56, 77, 117)
(56, 78, 116)
(56, 79, 115)
(56, 80, 114)
(56, 81, 113)
(56, 82, 112)
(56, 83, 111)
(56, 84, 110)
(56, 85, 109)
(56, 86, 108)
(56, 87, 107)
(56, 88, 106)
(56, 89, 105)
(56, 90, 104)
(56, 91, 103)
(56, 92, 102)
(56, 93, 101)
(56, 94, 100)
(56, 95, 99)
(56, 96, 98)
(56, 97, 97)
(56, 98, 96)
(56, 99, 95)
(56, 100, 94)
(56, 101, 93)
(56, 102, 92)
(56, 103, 91)
(56, 104, 90)
(56, 105, 89)
(56, 106, 88)
(56, 107, 87)
(56, 108, 86)
(56, 109, 85)

(56, 110, 84)
(56, 111, 83)
(56, 112, 82)
(56, 113, 81)
(56, 114, 80)
(56, 115, 79)
(56, 116, 78)
(56, 117, 77)
(56, 118, 76)
(56, 119, 75)
(56, 120, 74)
(56, 121, 73)
(56, 122, 72)
(56, 123, 71)
(56, 124, 70)
(56, 125, 69)
(56, 126, 68)
(56, 127, 67)
(56, 128, 66)
(56, 129, 65)
(56, 130, 64)
(56, 131, 63)
(56, 132, 62)
(56, 133, 61)
(56, 134, 60)
(56, 135, 59)
(56, 136, 58)
(56, 137, 57)
(56, 138, 56)
(56, 139, 55)
(56, 140, 54)
(56, 141, 53)
(56, 142, 52)
(56, 143, 51)
(56, 144, 50)
(56, 145, 49)
(56, 146, 48)
(56, 147, 47)
(56, 148, 46)
(56, 149, 45)
(56, 150, 44)
(56, 151, 43)
(56, 152, 42)
(56, 153, 41)
(56, 154, 40)
(56, 155, 39)
(56, 156, 38)
(56, 157, 37)

(56, 158, 36)
(56, 159, 35)
(56, 160, 34)
(56, 161, 33)
(56, 162, 32)
(56, 163, 31)
(56, 164, 30)
(56, 165, 29)
(56, 166, 28)
(56, 167, 27)
(56, 168, 26)
(56, 169, 25)
(56, 170, 24)
(56, 171, 23)
(56, 172, 22)
(56, 173, 21)
(56, 174, 20)
(56, 175, 19)
(56, 176, 18)
(56, 177, 17)
(56, 178, 16)
(56, 179, 15)
(56, 180, 14)
(56, 181, 13)
(56, 182, 12)
(56, 183, 11)
(56, 184, 10)
(56, 185, 9)
(56, 186, 8)
(56, 187, 7)
(56, 188, 6)
(56, 189, 5)
(56, 190, 4)
(56, 191, 3)
(56, 192, 2)
(56, 193, 1)
(56, 194, 0)
(57, 0, 193)
(57, 1, 192)
(57, 2, 191)
(57, 3, 190)
(57, 4, 189)
(57, 5, 188)
(57, 6, 187)
(57, 7, 186)
(57, 8, 185)
(57, 9, 184)
(57, 10, 183)

(57, 11, 182)
(57, 12, 181)
(57, 13, 180)
(57, 14, 179)
(57, 15, 178)
(57, 16, 177)
(57, 17, 176)
(57, 18, 175)
(57, 19, 174)
(57, 20, 173)
(57, 21, 172)
(57, 22, 171)
(57, 23, 170)
(57, 24, 169)
(57, 25, 168)
(57, 26, 167)
(57, 27, 166)
(57, 28, 165)
(57, 29, 164)
(57, 30, 163)
(57, 31, 162)
(57, 32, 161)
(57, 33, 160)
(57, 34, 159)
(57, 35, 158)
(57, 36, 157)
(57, 37, 156)
(57, 38, 155)
(57, 39, 154)
(57, 40, 153)
(57, 41, 152)
(57, 42, 151)
(57, 43, 150)
(57, 44, 149)
(57, 45, 148)
(57, 46, 147)
(57, 47, 146)
(57, 48, 145)
(57, 49, 144)
(57, 50, 143)
(57, 51, 142)
(57, 52, 141)
(57, 53, 140)
(57, 54, 139)
(57, 55, 138)
(57, 56, 137)
(57, 57, 136)
(57, 58, 135)

(57, 59, 134)
(57, 60, 133)
(57, 61, 132)
(57, 62, 131)
(57, 63, 130)
(57, 64, 129)
(57, 65, 128)
(57, 66, 127)
(57, 67, 126)
(57, 68, 125)
(57, 69, 124)
(57, 70, 123)
(57, 71, 122)
(57, 72, 121)
(57, 73, 120)
(57, 74, 119)
(57, 75, 118)
(57, 76, 117)
(57, 77, 116)
(57, 78, 115)
(57, 79, 114)
(57, 80, 113)
(57, 81, 112)
(57, 82, 111)
(57, 83, 110)
(57, 84, 109)
(57, 85, 108)
(57, 86, 107)
(57, 87, 106)
(57, 88, 105)
(57, 89, 104)
(57, 90, 103)
(57, 91, 102)
(57, 92, 101)
(57, 93, 100)
(57, 94, 99)
(57, 95, 98)
(57, 96, 97)
(57, 97, 96)
(57, 98, 95)
(57, 99, 94)
(57, 100, 93)
(57, 101, 92)
(57, 102, 91)
(57, 103, 90)
(57, 104, 89)
(57, 105, 88)
(57, 106, 87)

(57, 107, 86)
(57, 108, 85)
(57, 109, 84)
(57, 110, 83)
(57, 111, 82)
(57, 112, 81)
(57, 113, 80)
(57, 114, 79)
(57, 115, 78)
(57, 116, 77)
(57, 117, 76)
(57, 118, 75)
(57, 119, 74)
(57, 120, 73)
(57, 121, 72)
(57, 122, 71)
(57, 123, 70)
(57, 124, 69)
(57, 125, 68)
(57, 126, 67)
(57, 127, 66)
(57, 128, 65)
(57, 129, 64)
(57, 130, 63)
(57, 131, 62)
(57, 132, 61)
(57, 133, 60)
(57, 134, 59)
(57, 135, 58)
(57, 136, 57)
(57, 137, 56)
(57, 138, 55)
(57, 139, 54)
(57, 140, 53)
(57, 141, 52)
(57, 142, 51)
(57, 143, 50)
(57, 144, 49)
(57, 145, 48)
(57, 146, 47)
(57, 147, 46)
(57, 148, 45)
(57, 149, 44)
(57, 150, 43)
(57, 151, 42)
(57, 152, 41)
(57, 153, 40)
(57, 154, 39)

(57, 155, 38)
(57, 156, 37)
(57, 157, 36)
(57, 158, 35)
(57, 159, 34)
(57, 160, 33)
(57, 161, 32)
(57, 162, 31)
(57, 163, 30)
(57, 164, 29)
(57, 165, 28)
(57, 166, 27)
(57, 167, 26)
(57, 168, 25)
(57, 169, 24)
(57, 170, 23)
(57, 171, 22)
(57, 172, 21)
(57, 173, 20)
(57, 174, 19)
(57, 175, 18)
(57, 176, 17)
(57, 177, 16)
(57, 178, 15)
(57, 179, 14)
(57, 180, 13)
(57, 181, 12)
(57, 182, 11)
(57, 183, 10)
(57, 184, 9)
(57, 185, 8)
(57, 186, 7)
(57, 187, 6)
(57, 188, 5)
(57, 189, 4)
(57, 190, 3)
(57, 191, 2)
(57, 192, 1)
(57, 193, 0)
(58, 0, 192)
(58, 1, 191)
(58, 2, 190)
(58, 3, 189)
(58, 4, 188)
(58, 5, 187)
(58, 6, 186)
(58, 7, 185)
(58, 8, 184)

(58, 9, 183)
(58, 10, 182)
(58, 11, 181)
(58, 12, 180)
(58, 13, 179)
(58, 14, 178)
(58, 15, 177)
(58, 16, 176)
(58, 17, 175)
(58, 18, 174)
(58, 19, 173)
(58, 20, 172)
(58, 21, 171)
(58, 22, 170)
(58, 23, 169)
(58, 24, 168)
(58, 25, 167)
(58, 26, 166)
(58, 27, 165)
(58, 28, 164)
(58, 29, 163)
(58, 30, 162)
(58, 31, 161)
(58, 32, 160)
(58, 33, 159)
(58, 34, 158)
(58, 35, 157)
(58, 36, 156)
(58, 37, 155)
(58, 38, 154)
(58, 39, 153)
(58, 40, 152)
(58, 41, 151)
(58, 42, 150)
(58, 43, 149)
(58, 44, 148)
(58, 45, 147)
(58, 46, 146)
(58, 47, 145)
(58, 48, 144)
(58, 49, 143)
(58, 50, 142)
(58, 51, 141)
(58, 52, 140)
(58, 53, 139)
(58, 54, 138)
(58, 55, 137)
(58, 56, 136)

(58, 57, 135)
(58, 58, 134)
(58, 59, 133)
(58, 60, 132)
(58, 61, 131)
(58, 62, 130)
(58, 63, 129)
(58, 64, 128)
(58, 65, 127)
(58, 66, 126)
(58, 67, 125)
(58, 68, 124)
(58, 69, 123)
(58, 70, 122)
(58, 71, 121)
(58, 72, 120)
(58, 73, 119)
(58, 74, 118)
(58, 75, 117)
(58, 76, 116)
(58, 77, 115)
(58, 78, 114)
(58, 79, 113)
(58, 80, 112)
(58, 81, 111)
(58, 82, 110)
(58, 83, 109)
(58, 84, 108)
(58, 85, 107)
(58, 86, 106)
(58, 87, 105)
(58, 88, 104)
(58, 89, 103)
(58, 90, 102)
(58, 91, 101)
(58, 92, 100)
(58, 93, 99)
(58, 94, 98)
(58, 95, 97)
(58, 96, 96)
(58, 97, 95)
(58, 98, 94)
(58, 99, 93)
(58, 100, 92)
(58, 101, 91)
(58, 102, 90)
(58, 103, 89)
(58, 104, 88)

(58, 105, 87)
(58, 106, 86)
(58, 107, 85)
(58, 108, 84)
(58, 109, 83)
(58, 110, 82)
(58, 111, 81)
(58, 112, 80)
(58, 113, 79)
(58, 114, 78)
(58, 115, 77)
(58, 116, 76)
(58, 117, 75)
(58, 118, 74)
(58, 119, 73)
(58, 120, 72)
(58, 121, 71)
(58, 122, 70)
(58, 123, 69)
(58, 124, 68)
(58, 125, 67)
(58, 126, 66)
(58, 127, 65)
(58, 128, 64)
(58, 129, 63)
(58, 130, 62)
(58, 131, 61)
(58, 132, 60)
(58, 133, 59)
(58, 134, 58)
(58, 135, 57)
(58, 136, 56)
(58, 137, 55)
(58, 138, 54)
(58, 139, 53)
(58, 140, 52)
(58, 141, 51)
(58, 142, 50)
(58, 143, 49)
(58, 144, 48)
(58, 145, 47)
(58, 146, 46)
(58, 147, 45)
(58, 148, 44)
(58, 149, 43)
(58, 150, 42)
(58, 151, 41)
(58, 152, 40)

(58, 153, 39)
(58, 154, 38)
(58, 155, 37)
(58, 156, 36)
(58, 157, 35)
(58, 158, 34)
(58, 159, 33)
(58, 160, 32)
(58, 161, 31)
(58, 162, 30)
(58, 163, 29)
(58, 164, 28)
(58, 165, 27)
(58, 166, 26)
(58, 167, 25)
(58, 168, 24)
(58, 169, 23)
(58, 170, 22)
(58, 171, 21)
(58, 172, 20)
(58, 173, 19)
(58, 174, 18)
(58, 175, 17)
(58, 176, 16)
(58, 177, 15)
(58, 178, 14)
(58, 179, 13)
(58, 180, 12)
(58, 181, 11)
(58, 182, 10)
(58, 183, 9)
(58, 184, 8)
(58, 185, 7)
(58, 186, 6)
(58, 187, 5)
(58, 188, 4)
(58, 189, 3)
(58, 190, 2)
(58, 191, 1)
(58, 192, 0)
(59, 0, 191)
(59, 1, 190)
(59, 2, 189)
(59, 3, 188)
(59, 4, 187)
(59, 5, 186)
(59, 6, 185)
(59, 7, 184)

(59, 8, 183)
(59, 9, 182)
(59, 10, 181)
(59, 11, 180)
(59, 12, 179)
(59, 13, 178)
(59, 14, 177)
(59, 15, 176)
(59, 16, 175)
(59, 17, 174)
(59, 18, 173)
(59, 19, 172)
(59, 20, 171)
(59, 21, 170)
(59, 22, 169)
(59, 23, 168)
(59, 24, 167)
(59, 25, 166)
(59, 26, 165)
(59, 27, 164)
(59, 28, 163)
(59, 29, 162)
(59, 30, 161)
(59, 31, 160)
(59, 32, 159)
(59, 33, 158)
(59, 34, 157)
(59, 35, 156)
(59, 36, 155)
(59, 37, 154)
(59, 38, 153)
(59, 39, 152)
(59, 40, 151)
(59, 41, 150)
(59, 42, 149)
(59, 43, 148)
(59, 44, 147)
(59, 45, 146)
(59, 46, 145)
(59, 47, 144)
(59, 48, 143)
(59, 49, 142)
(59, 50, 141)
(59, 51, 140)
(59, 52, 139)
(59, 53, 138)
(59, 54, 137)
(59, 55, 136)

(59, 56, 135)
(59, 57, 134)
(59, 58, 133)
(59, 59, 132)
(59, 60, 131)
(59, 61, 130)
(59, 62, 129)
(59, 63, 128)
(59, 64, 127)
(59, 65, 126)
(59, 66, 125)
(59, 67, 124)
(59, 68, 123)
(59, 69, 122)
(59, 70, 121)
(59, 71, 120)
(59, 72, 119)
(59, 73, 118)
(59, 74, 117)
(59, 75, 116)
(59, 76, 115)
(59, 77, 114)
(59, 78, 113)
(59, 79, 112)
(59, 80, 111)
(59, 81, 110)
(59, 82, 109)
(59, 83, 108)
(59, 84, 107)
(59, 85, 106)
(59, 86, 105)
(59, 87, 104)
(59, 88, 103)
(59, 89, 102)
(59, 90, 101)
(59, 91, 100)
(59, 92, 99)
(59, 93, 98)
(59, 94, 97)
(59, 95, 96)
(59, 96, 95)
(59, 97, 94)
(59, 98, 93)
(59, 99, 92)
(59, 100, 91)
(59, 101, 90)
(59, 102, 89)
(59, 103, 88)

(59, 104, 87)
(59, 105, 86)
(59, 106, 85)
(59, 107, 84)
(59, 108, 83)
(59, 109, 82)
(59, 110, 81)
(59, 111, 80)
(59, 112, 79)
(59, 113, 78)
(59, 114, 77)
(59, 115, 76)
(59, 116, 75)
(59, 117, 74)
(59, 118, 73)
(59, 119, 72)
(59, 120, 71)
(59, 121, 70)
(59, 122, 69)
(59, 123, 68)
(59, 124, 67)
(59, 125, 66)
(59, 126, 65)
(59, 127, 64)
(59, 128, 63)
(59, 129, 62)
(59, 130, 61)
(59, 131, 60)
(59, 132, 59)
(59, 133, 58)
(59, 134, 57)
(59, 135, 56)
(59, 136, 55)
(59, 137, 54)
(59, 138, 53)
(59, 139, 52)
(59, 140, 51)
(59, 141, 50)
(59, 142, 49)
(59, 143, 48)
(59, 144, 47)
(59, 145, 46)
(59, 146, 45)
(59, 147, 44)
(59, 148, 43)
(59, 149, 42)
(59, 150, 41)
(59, 151, 40)

(59, 152, 39)
(59, 153, 38)
(59, 154, 37)
(59, 155, 36)
(59, 156, 35)
(59, 157, 34)
(59, 158, 33)
(59, 159, 32)
(59, 160, 31)
(59, 161, 30)
(59, 162, 29)
(59, 163, 28)
(59, 164, 27)
(59, 165, 26)
(59, 166, 25)
(59, 167, 24)
(59, 168, 23)
(59, 169, 22)
(59, 170, 21)
(59, 171, 20)
(59, 172, 19)
(59, 173, 18)
(59, 174, 17)
(59, 175, 16)
(59, 176, 15)
(59, 177, 14)
(59, 178, 13)
(59, 179, 12)
(59, 180, 11)
(59, 181, 10)
(59, 182, 9)
(59, 183, 8)
(59, 184, 7)
(59, 185, 6)
(59, 186, 5)
(59, 187, 4)
(59, 188, 3)
(59, 189, 2)
(59, 190, 1)
(59, 191, 0)
(60, 0, 190)
(60, 1, 189)
(60, 2, 188)
(60, 3, 187)
(60, 4, 186)
(60, 5, 185)
(60, 6, 184)
(60, 7, 183)

(60, 8, 182)
(60, 9, 181)
(60, 10, 180)
(60, 11, 179)
(60, 12, 178)
(60, 13, 177)
(60, 14, 176)
(60, 15, 175)
(60, 16, 174)
(60, 17, 173)
(60, 18, 172)
(60, 19, 171)
(60, 20, 170)
(60, 21, 169)
(60, 22, 168)
(60, 23, 167)
(60, 24, 166)
(60, 25, 165)
(60, 26, 164)
(60, 27, 163)
(60, 28, 162)
(60, 29, 161)
(60, 30, 160)
(60, 31, 159)
(60, 32, 158)
(60, 33, 157)
(60, 34, 156)
(60, 35, 155)
(60, 36, 154)
(60, 37, 153)
(60, 38, 152)
(60, 39, 151)
(60, 40, 150)
(60, 41, 149)
(60, 42, 148)
(60, 43, 147)
(60, 44, 146)
(60, 45, 145)
(60, 46, 144)
(60, 47, 143)
(60, 48, 142)
(60, 49, 141)
(60, 50, 140)
(60, 51, 139)
(60, 52, 138)
(60, 53, 137)
(60, 54, 136)
(60, 55, 135)

(60, 56, 134)
(60, 57, 133)
(60, 58, 132)
(60, 59, 131)
(60, 60, 130)
(60, 61, 129)
(60, 62, 128)
(60, 63, 127)
(60, 64, 126)
(60, 65, 125)
(60, 66, 124)
(60, 67, 123)
(60, 68, 122)
(60, 69, 121)
(60, 70, 120)
(60, 71, 119)
(60, 72, 118)
(60, 73, 117)
(60, 74, 116)
(60, 75, 115)
(60, 76, 114)
(60, 77, 113)
(60, 78, 112)
(60, 79, 111)
(60, 80, 110)
(60, 81, 109)
(60, 82, 108)
(60, 83, 107)
(60, 84, 106)
(60, 85, 105)
(60, 86, 104)
(60, 87, 103)
(60, 88, 102)
(60, 89, 101)
(60, 90, 100)
(60, 91, 99)
(60, 92, 98)
(60, 93, 97)
(60, 94, 96)
(60, 95, 95)
(60, 96, 94)
(60, 97, 93)
(60, 98, 92)
(60, 99, 91)
(60, 100, 90)
(60, 101, 89)
(60, 102, 88)
(60, 103, 87)

(60, 104, 86)
(60, 105, 85)
(60, 106, 84)
(60, 107, 83)
(60, 108, 82)
(60, 109, 81)
(60, 110, 80)
(60, 111, 79)
(60, 112, 78)
(60, 113, 77)
(60, 114, 76)
(60, 115, 75)
(60, 116, 74)
(60, 117, 73)
(60, 118, 72)
(60, 119, 71)
(60, 120, 70)
(60, 121, 69)
(60, 122, 68)
(60, 123, 67)
(60, 124, 66)
(60, 125, 65)
(60, 126, 64)
(60, 127, 63)
(60, 128, 62)
(60, 129, 61)
(60, 130, 60)
(60, 131, 59)
(60, 132, 58)
(60, 133, 57)
(60, 134, 56)
(60, 135, 55)
(60, 136, 54)
(60, 137, 53)
(60, 138, 52)
(60, 139, 51)
(60, 140, 50)
(60, 141, 49)
(60, 142, 48)
(60, 143, 47)
(60, 144, 46)
(60, 145, 45)
(60, 146, 44)
(60, 147, 43)
(60, 148, 42)
(60, 149, 41)
(60, 150, 40)
(60, 151, 39)

(60, 152, 38)
(60, 153, 37)
(60, 154, 36)
(60, 155, 35)
(60, 156, 34)
(60, 157, 33)
(60, 158, 32)
(60, 159, 31)
(60, 160, 30)
(60, 161, 29)
(60, 162, 28)
(60, 163, 27)
(60, 164, 26)
(60, 165, 25)
(60, 166, 24)
(60, 167, 23)
(60, 168, 22)
(60, 169, 21)
(60, 170, 20)
(60, 171, 19)
(60, 172, 18)
(60, 173, 17)
(60, 174, 16)
(60, 175, 15)
(60, 176, 14)
(60, 177, 13)
(60, 178, 12)
(60, 179, 11)
(60, 180, 10)
(60, 181, 9)
(60, 182, 8)
(60, 183, 7)
(60, 184, 6)
(60, 185, 5)
(60, 186, 4)
(60, 187, 3)
(60, 188, 2)
(60, 189, 1)
(60, 190, 0)
(61, 0, 189)
(61, 1, 188)
(61, 2, 187)
(61, 3, 186)
(61, 4, 185)
(61, 5, 184)
(61, 6, 183)
(61, 7, 182)
(61, 8, 181)

(61, 9, 180)
(61, 10, 179)
(61, 11, 178)
(61, 12, 177)
(61, 13, 176)
(61, 14, 175)
(61, 15, 174)
(61, 16, 173)
(61, 17, 172)
(61, 18, 171)
(61, 19, 170)
(61, 20, 169)
(61, 21, 168)
(61, 22, 167)
(61, 23, 166)
(61, 24, 165)
(61, 25, 164)
(61, 26, 163)
(61, 27, 162)
(61, 28, 161)
(61, 29, 160)
(61, 30, 159)
(61, 31, 158)
(61, 32, 157)
(61, 33, 156)
(61, 34, 155)
(61, 35, 154)
(61, 36, 153)
(61, 37, 152)
(61, 38, 151)
(61, 39, 150)
(61, 40, 149)
(61, 41, 148)
(61, 42, 147)
(61, 43, 146)
(61, 44, 145)
(61, 45, 144)
(61, 46, 143)
(61, 47, 142)
(61, 48, 141)
(61, 49, 140)
(61, 50, 139)
(61, 51, 138)
(61, 52, 137)
(61, 53, 136)
(61, 54, 135)
(61, 55, 134)
(61, 56, 133)

(61, 57, 132)
(61, 58, 131)
(61, 59, 130)
(61, 60, 129)
(61, 61, 128)
(61, 62, 127)
(61, 63, 126)
(61, 64, 125)
(61, 65, 124)
(61, 66, 123)
(61, 67, 122)
(61, 68, 121)
(61, 69, 120)
(61, 70, 119)
(61, 71, 118)
(61, 72, 117)
(61, 73, 116)
(61, 74, 115)
(61, 75, 114)
(61, 76, 113)
(61, 77, 112)
(61, 78, 111)
(61, 79, 110)
(61, 80, 109)
(61, 81, 108)
(61, 82, 107)
(61, 83, 106)
(61, 84, 105)
(61, 85, 104)
(61, 86, 103)
(61, 87, 102)
(61, 88, 101)
(61, 89, 100)
(61, 90, 99)
(61, 91, 98)
(61, 92, 97)
(61, 93, 96)
(61, 94, 95)
(61, 95, 94)
(61, 96, 93)
(61, 97, 92)
(61, 98, 91)
(61, 99, 90)
(61, 100, 89)
(61, 101, 88)
(61, 102, 87)
(61, 103, 86)
(61, 104, 85)

(61, 105, 84)
(61, 106, 83)
(61, 107, 82)
(61, 108, 81)
(61, 109, 80)
(61, 110, 79)
(61, 111, 78)
(61, 112, 77)
(61, 113, 76)
(61, 114, 75)
(61, 115, 74)
(61, 116, 73)
(61, 117, 72)
(61, 118, 71)
(61, 119, 70)
(61, 120, 69)
(61, 121, 68)
(61, 122, 67)
(61, 123, 66)
(61, 124, 65)
(61, 125, 64)
(61, 126, 63)
(61, 127, 62)
(61, 128, 61)
(61, 129, 60)
(61, 130, 59)
(61, 131, 58)
(61, 132, 57)
(61, 133, 56)
(61, 134, 55)
(61, 135, 54)
(61, 136, 53)
(61, 137, 52)
(61, 138, 51)
(61, 139, 50)
(61, 140, 49)
(61, 141, 48)
(61, 142, 47)
(61, 143, 46)
(61, 144, 45)
(61, 145, 44)
(61, 146, 43)
(61, 147, 42)
(61, 148, 41)
(61, 149, 40)
(61, 150, 39)
(61, 151, 38)
(61, 152, 37)

(61, 153, 36)
(61, 154, 35)
(61, 155, 34)
(61, 156, 33)
(61, 157, 32)
(61, 158, 31)
(61, 159, 30)
(61, 160, 29)
(61, 161, 28)
(61, 162, 27)
(61, 163, 26)
(61, 164, 25)
(61, 165, 24)
(61, 166, 23)
(61, 167, 22)
(61, 168, 21)
(61, 169, 20)
(61, 170, 19)
(61, 171, 18)
(61, 172, 17)
(61, 173, 16)
(61, 174, 15)
(61, 175, 14)
(61, 176, 13)
(61, 177, 12)
(61, 178, 11)
(61, 179, 10)
(61, 180, 9)
(61, 181, 8)
(61, 182, 7)
(61, 183, 6)
(61, 184, 5)
(61, 185, 4)
(61, 186, 3)
(61, 187, 2)
(61, 188, 1)
(61, 189, 0)
(62, 0, 188)
(62, 1, 187)
(62, 2, 186)
(62, 3, 185)
(62, 4, 184)
(62, 5, 183)
(62, 6, 182)
(62, 7, 181)
(62, 8, 180)
(62, 9, 179)
(62, 10, 178)

(62, 11, 177)
(62, 12, 176)
(62, 13, 175)
(62, 14, 174)
(62, 15, 173)
(62, 16, 172)
(62, 17, 171)
(62, 18, 170)
(62, 19, 169)
(62, 20, 168)
(62, 21, 167)
(62, 22, 166)
(62, 23, 165)
(62, 24, 164)
(62, 25, 163)
(62, 26, 162)
(62, 27, 161)
(62, 28, 160)
(62, 29, 159)
(62, 30, 158)
(62, 31, 157)
(62, 32, 156)
(62, 33, 155)
(62, 34, 154)
(62, 35, 153)
(62, 36, 152)
(62, 37, 151)
(62, 38, 150)
(62, 39, 149)
(62, 40, 148)
(62, 41, 147)
(62, 42, 146)
(62, 43, 145)
(62, 44, 144)
(62, 45, 143)
(62, 46, 142)
(62, 47, 141)
(62, 48, 140)
(62, 49, 139)
(62, 50, 138)
(62, 51, 137)
(62, 52, 136)
(62, 53, 135)
(62, 54, 134)
(62, 55, 133)
(62, 56, 132)
(62, 57, 131)
(62, 58, 130)

(62, 59, 129)
(62, 60, 128)
(62, 61, 127)
(62, 62, 126)
(62, 63, 125)
(62, 64, 124)
(62, 65, 123)
(62, 66, 122)
(62, 67, 121)
(62, 68, 120)
(62, 69, 119)
(62, 70, 118)
(62, 71, 117)
(62, 72, 116)
(62, 73, 115)
(62, 74, 114)
(62, 75, 113)
(62, 76, 112)
(62, 77, 111)
(62, 78, 110)
(62, 79, 109)
(62, 80, 108)
(62, 81, 107)
(62, 82, 106)
(62, 83, 105)
(62, 84, 104)
(62, 85, 103)
(62, 86, 102)
(62, 87, 101)
(62, 88, 100)
(62, 89, 99)
(62, 90, 98)
(62, 91, 97)
(62, 92, 96)
(62, 93, 95)
(62, 94, 94)
(62, 95, 93)
(62, 96, 92)
(62, 97, 91)
(62, 98, 90)
(62, 99, 89)
(62, 100, 88)
(62, 101, 87)
(62, 102, 86)
(62, 103, 85)
(62, 104, 84)
(62, 105, 83)
(62, 106, 82)

(62, 107, 81)
(62, 108, 80)
(62, 109, 79)
(62, 110, 78)
(62, 111, 77)
(62, 112, 76)
(62, 113, 75)
(62, 114, 74)
(62, 115, 73)
(62, 116, 72)
(62, 117, 71)
(62, 118, 70)
(62, 119, 69)
(62, 120, 68)
(62, 121, 67)
(62, 122, 66)
(62, 123, 65)
(62, 124, 64)
(62, 125, 63)
(62, 126, 62)
(62, 127, 61)
(62, 128, 60)
(62, 129, 59)
(62, 130, 58)
(62, 131, 57)
(62, 132, 56)
(62, 133, 55)
(62, 134, 54)
(62, 135, 53)
(62, 136, 52)
(62, 137, 51)
(62, 138, 50)
(62, 139, 49)
(62, 140, 48)
(62, 141, 47)
(62, 142, 46)
(62, 143, 45)
(62, 144, 44)
(62, 145, 43)
(62, 146, 42)
(62, 147, 41)
(62, 148, 40)
(62, 149, 39)
(62, 150, 38)
(62, 151, 37)
(62, 152, 36)
(62, 153, 35)
(62, 154, 34)

(62, 155, 33)
(62, 156, 32)
(62, 157, 31)
(62, 158, 30)
(62, 159, 29)
(62, 160, 28)
(62, 161, 27)
(62, 162, 26)
(62, 163, 25)
(62, 164, 24)
(62, 165, 23)
(62, 166, 22)
(62, 167, 21)
(62, 168, 20)
(62, 169, 19)
(62, 170, 18)
(62, 171, 17)
(62, 172, 16)
(62, 173, 15)
(62, 174, 14)
(62, 175, 13)
(62, 176, 12)
(62, 177, 11)
(62, 178, 10)
(62, 179, 9)
(62, 180, 8)
(62, 181, 7)
(62, 182, 6)
(62, 183, 5)
(62, 184, 4)
(62, 185, 3)
(62, 186, 2)
(62, 187, 1)
(62, 188, 0)
(63, 0, 187)
(63, 1, 186)
(63, 2, 185)
(63, 3, 184)
(63, 4, 183)
(63, 5, 182)
(63, 6, 181)
(63, 7, 180)
(63, 8, 179)
(63, 9, 178)
(63, 10, 177)
(63, 11, 176)
(63, 12, 175)
(63, 13, 174)

(63, 14, 173)
(63, 15, 172)
(63, 16, 171)
(63, 17, 170)
(63, 18, 169)
(63, 19, 168)
(63, 20, 167)
(63, 21, 166)
(63, 22, 165)
(63, 23, 164)
(63, 24, 163)
(63, 25, 162)
(63, 26, 161)
(63, 27, 160)
(63, 28, 159)
(63, 29, 158)
(63, 30, 157)
(63, 31, 156)
(63, 32, 155)
(63, 33, 154)
(63, 34, 153)
(63, 35, 152)
(63, 36, 151)
(63, 37, 150)
(63, 38, 149)
(63, 39, 148)
(63, 40, 147)
(63, 41, 146)
(63, 42, 145)
(63, 43, 144)
(63, 44, 143)
(63, 45, 142)
(63, 46, 141)
(63, 47, 140)
(63, 48, 139)
(63, 49, 138)
(63, 50, 137)
(63, 51, 136)
(63, 52, 135)
(63, 53, 134)
(63, 54, 133)
(63, 55, 132)
(63, 56, 131)
(63, 57, 130)
(63, 58, 129)
(63, 59, 128)
(63, 60, 127)
(63, 61, 126)

(63, 62, 125)
(63, 63, 124)
(63, 64, 123)
(63, 65, 122)
(63, 66, 121)
(63, 67, 120)
(63, 68, 119)
(63, 69, 118)
(63, 70, 117)
(63, 71, 116)
(63, 72, 115)
(63, 73, 114)
(63, 74, 113)
(63, 75, 112)
(63, 76, 111)
(63, 77, 110)
(63, 78, 109)
(63, 79, 108)
(63, 80, 107)
(63, 81, 106)
(63, 82, 105)
(63, 83, 104)
(63, 84, 103)
(63, 85, 102)
(63, 86, 101)
(63, 87, 100)
(63, 88, 99)
(63, 89, 98)
(63, 90, 97)
(63, 91, 96)
(63, 92, 95)
(63, 93, 94)
(63, 94, 93)
(63, 95, 92)
(63, 96, 91)
(63, 97, 90)
(63, 98, 89)
(63, 99, 88)
(63, 100, 87)
(63, 101, 86)
(63, 102, 85)
(63, 103, 84)
(63, 104, 83)
(63, 105, 82)
(63, 106, 81)
(63, 107, 80)
(63, 108, 79)
(63, 109, 78)

(63, 110, 77)
(63, 111, 76)
(63, 112, 75)
(63, 113, 74)
(63, 114, 73)
(63, 115, 72)
(63, 116, 71)
(63, 117, 70)
(63, 118, 69)
(63, 119, 68)
(63, 120, 67)
(63, 121, 66)
(63, 122, 65)
(63, 123, 64)
(63, 124, 63)
(63, 125, 62)
(63, 126, 61)
(63, 127, 60)
(63, 128, 59)
(63, 129, 58)
(63, 130, 57)
(63, 131, 56)
(63, 132, 55)
(63, 133, 54)
(63, 134, 53)
(63, 135, 52)
(63, 136, 51)
(63, 137, 50)
(63, 138, 49)
(63, 139, 48)
(63, 140, 47)
(63, 141, 46)
(63, 142, 45)
(63, 143, 44)
(63, 144, 43)
(63, 145, 42)
(63, 146, 41)
(63, 147, 40)
(63, 148, 39)
(63, 149, 38)
(63, 150, 37)
(63, 151, 36)
(63, 152, 35)
(63, 153, 34)
(63, 154, 33)
(63, 155, 32)
(63, 156, 31)
(63, 157, 30)

(63, 158, 29)
(63, 159, 28)
(63, 160, 27)
(63, 161, 26)
(63, 162, 25)
(63, 163, 24)
(63, 164, 23)
(63, 165, 22)
(63, 166, 21)
(63, 167, 20)
(63, 168, 19)
(63, 169, 18)
(63, 170, 17)
(63, 171, 16)
(63, 172, 15)
(63, 173, 14)
(63, 174, 13)
(63, 175, 12)
(63, 176, 11)
(63, 177, 10)
(63, 178, 9)
(63, 179, 8)
(63, 180, 7)
(63, 181, 6)
(63, 182, 5)
(63, 183, 4)
(63, 184, 3)
(63, 185, 2)
(63, 186, 1)
(63, 187, 0)
(64, 0, 186)
(64, 1, 185)
(64, 2, 184)
(64, 3, 183)
(64, 4, 182)
(64, 5, 181)
(64, 6, 180)
(64, 7, 179)
(64, 8, 178)
(64, 9, 177)
(64, 10, 176)
(64, 11, 175)
(64, 12, 174)
(64, 13, 173)
(64, 14, 172)
(64, 15, 171)
(64, 16, 170)
(64, 17, 169)

(64, 18, 168)
(64, 19, 167)
(64, 20, 166)
(64, 21, 165)
(64, 22, 164)
(64, 23, 163)
(64, 24, 162)
(64, 25, 161)
(64, 26, 160)
(64, 27, 159)
(64, 28, 158)
(64, 29, 157)
(64, 30, 156)
(64, 31, 155)
(64, 32, 154)
(64, 33, 153)
(64, 34, 152)
(64, 35, 151)
(64, 36, 150)
(64, 37, 149)
(64, 38, 148)
(64, 39, 147)
(64, 40, 146)
(64, 41, 145)
(64, 42, 144)
(64, 43, 143)
(64, 44, 142)
(64, 45, 141)
(64, 46, 140)
(64, 47, 139)
(64, 48, 138)
(64, 49, 137)
(64, 50, 136)
(64, 51, 135)
(64, 52, 134)
(64, 53, 133)
(64, 54, 132)
(64, 55, 131)
(64, 56, 130)
(64, 57, 129)
(64, 58, 128)
(64, 59, 127)
(64, 60, 126)
(64, 61, 125)
(64, 62, 124)
(64, 63, 123)
(64, 64, 122)
(64, 65, 121)

(64, 66, 120)
(64, 67, 119)
(64, 68, 118)
(64, 69, 117)
(64, 70, 116)
(64, 71, 115)
(64, 72, 114)
(64, 73, 113)
(64, 74, 112)
(64, 75, 111)
(64, 76, 110)
(64, 77, 109)
(64, 78, 108)
(64, 79, 107)
(64, 80, 106)
(64, 81, 105)
(64, 82, 104)
(64, 83, 103)
(64, 84, 102)
(64, 85, 101)
(64, 86, 100)
(64, 87, 99)
(64, 88, 98)
(64, 89, 97)
(64, 90, 96)
(64, 91, 95)
(64, 92, 94)
(64, 93, 93)
(64, 94, 92)
(64, 95, 91)
(64, 96, 90)
(64, 97, 89)
(64, 98, 88)
(64, 99, 87)
(64, 100, 86)
(64, 101, 85)
(64, 102, 84)
(64, 103, 83)
(64, 104, 82)
(64, 105, 81)
(64, 106, 80)
(64, 107, 79)
(64, 108, 78)
(64, 109, 77)
(64, 110, 76)
(64, 111, 75)
(64, 112, 74)
(64, 113, 73)

(64, 114, 72)
(64, 115, 71)
(64, 116, 70)
(64, 117, 69)
(64, 118, 68)
(64, 119, 67)
(64, 120, 66)
(64, 121, 65)
(64, 122, 64)
(64, 123, 63)
(64, 124, 62)
(64, 125, 61)
(64, 126, 60)
(64, 127, 59)
(64, 128, 58)
(64, 129, 57)
(64, 130, 56)
(64, 131, 55)
(64, 132, 54)
(64, 133, 53)
(64, 134, 52)
(64, 135, 51)
(64, 136, 50)
(64, 137, 49)
(64, 138, 48)
(64, 139, 47)
(64, 140, 46)
(64, 141, 45)
(64, 142, 44)
(64, 143, 43)
(64, 144, 42)
(64, 145, 41)
(64, 146, 40)
(64, 147, 39)
(64, 148, 38)
(64, 149, 37)
(64, 150, 36)
(64, 151, 35)
(64, 152, 34)
(64, 153, 33)
(64, 154, 32)
(64, 155, 31)
(64, 156, 30)
(64, 157, 29)
(64, 158, 28)
(64, 159, 27)
(64, 160, 26)
(64, 161, 25)

(64, 162, 24)
(64, 163, 23)
(64, 164, 22)
(64, 165, 21)
(64, 166, 20)
(64, 167, 19)
(64, 168, 18)
(64, 169, 17)
(64, 170, 16)
(64, 171, 15)
(64, 172, 14)
(64, 173, 13)
(64, 174, 12)
(64, 175, 11)
(64, 176, 10)
(64, 177, 9)
(64, 178, 8)
(64, 179, 7)
(64, 180, 6)
(64, 181, 5)
(64, 182, 4)
(64, 183, 3)
(64, 184, 2)
(64, 185, 1)
(64, 186, 0)
(65, 0, 185)
(65, 1, 184)
(65, 2, 183)
(65, 3, 182)
(65, 4, 181)
(65, 5, 180)
(65, 6, 179)
(65, 7, 178)
(65, 8, 177)
(65, 9, 176)
(65, 10, 175)
(65, 11, 174)
(65, 12, 173)
(65, 13, 172)
(65, 14, 171)
(65, 15, 170)
(65, 16, 169)
(65, 17, 168)
(65, 18, 167)
(65, 19, 166)
(65, 20, 165)
(65, 21, 164)
(65, 22, 163)

(65, 23, 162)
(65, 24, 161)
(65, 25, 160)
(65, 26, 159)
(65, 27, 158)
(65, 28, 157)
(65, 29, 156)
(65, 30, 155)
(65, 31, 154)
(65, 32, 153)
(65, 33, 152)
(65, 34, 151)
(65, 35, 150)
(65, 36, 149)
(65, 37, 148)
(65, 38, 147)
(65, 39, 146)
(65, 40, 145)
(65, 41, 144)
(65, 42, 143)
(65, 43, 142)
(65, 44, 141)
(65, 45, 140)
(65, 46, 139)
(65, 47, 138)
(65, 48, 137)
(65, 49, 136)
(65, 50, 135)
(65, 51, 134)
(65, 52, 133)
(65, 53, 132)
(65, 54, 131)
(65, 55, 130)
(65, 56, 129)
(65, 57, 128)
(65, 58, 127)
(65, 59, 126)
(65, 60, 125)
(65, 61, 124)
(65, 62, 123)
(65, 63, 122)
(65, 64, 121)
(65, 65, 120)
(65, 66, 119)
(65, 67, 118)
(65, 68, 117)
(65, 69, 116)
(65, 70, 115)

(65, 71, 114)
(65, 72, 113)
(65, 73, 112)
(65, 74, 111)
(65, 75, 110)
(65, 76, 109)
(65, 77, 108)
(65, 78, 107)
(65, 79, 106)
(65, 80, 105)
(65, 81, 104)
(65, 82, 103)
(65, 83, 102)
(65, 84, 101)
(65, 85, 100)
(65, 86, 99)
(65, 87, 98)
(65, 88, 97)
(65, 89, 96)
(65, 90, 95)
(65, 91, 94)
(65, 92, 93)
(65, 93, 92)
(65, 94, 91)
(65, 95, 90)
(65, 96, 89)
(65, 97, 88)
(65, 98, 87)
(65, 99, 86)
(65, 100, 85)
(65, 101, 84)
(65, 102, 83)
(65, 103, 82)
(65, 104, 81)
(65, 105, 80)
(65, 106, 79)
(65, 107, 78)
(65, 108, 77)
(65, 109, 76)
(65, 110, 75)
(65, 111, 74)
(65, 112, 73)
(65, 113, 72)
(65, 114, 71)
(65, 115, 70)
(65, 116, 69)
(65, 117, 68)
(65, 118, 67)

(65, 119, 66)
(65, 120, 65)
(65, 121, 64)
(65, 122, 63)
(65, 123, 62)
(65, 124, 61)
(65, 125, 60)
(65, 126, 59)
(65, 127, 58)
(65, 128, 57)
(65, 129, 56)
(65, 130, 55)
(65, 131, 54)
(65, 132, 53)
(65, 133, 52)
(65, 134, 51)
(65, 135, 50)
(65, 136, 49)
(65, 137, 48)
(65, 138, 47)
(65, 139, 46)
(65, 140, 45)
(65, 141, 44)
(65, 142, 43)
(65, 143, 42)
(65, 144, 41)
(65, 145, 40)
(65, 146, 39)
(65, 147, 38)
(65, 148, 37)
(65, 149, 36)
(65, 150, 35)
(65, 151, 34)
(65, 152, 33)
(65, 153, 32)
(65, 154, 31)
(65, 155, 30)
(65, 156, 29)
(65, 157, 28)
(65, 158, 27)
(65, 159, 26)
(65, 160, 25)
(65, 161, 24)
(65, 162, 23)
(65, 163, 22)
(65, 164, 21)
(65, 165, 20)
(65, 166, 19)

(65, 167, 18)
(65, 168, 17)
(65, 169, 16)
(65, 170, 15)
(65, 171, 14)
(65, 172, 13)
(65, 173, 12)
(65, 174, 11)
(65, 175, 10)
(65, 176, 9)
(65, 177, 8)
(65, 178, 7)
(65, 179, 6)
(65, 180, 5)
(65, 181, 4)
(65, 182, 3)
(65, 183, 2)
(65, 184, 1)
(65, 185, 0)
(66, 0, 184)
(66, 1, 183)
(66, 2, 182)
(66, 3, 181)
(66, 4, 180)
(66, 5, 179)
(66, 6, 178)
(66, 7, 177)
(66, 8, 176)
(66, 9, 175)
(66, 10, 174)
(66, 11, 173)
(66, 12, 172)
(66, 13, 171)
(66, 14, 170)
(66, 15, 169)
(66, 16, 168)
(66, 17, 167)
(66, 18, 166)
(66, 19, 165)
(66, 20, 164)
(66, 21, 163)
(66, 22, 162)
(66, 23, 161)
(66, 24, 160)
(66, 25, 159)
(66, 26, 158)
(66, 27, 157)
(66, 28, 156)

(66, 29, 155)
(66, 30, 154)
(66, 31, 153)
(66, 32, 152)
(66, 33, 151)
(66, 34, 150)
(66, 35, 149)
(66, 36, 148)
(66, 37, 147)
(66, 38, 146)
(66, 39, 145)
(66, 40, 144)
(66, 41, 143)
(66, 42, 142)
(66, 43, 141)
(66, 44, 140)
(66, 45, 139)
(66, 46, 138)
(66, 47, 137)
(66, 48, 136)
(66, 49, 135)
(66, 50, 134)
(66, 51, 133)
(66, 52, 132)
(66, 53, 131)
(66, 54, 130)
(66, 55, 129)
(66, 56, 128)
(66, 57, 127)
(66, 58, 126)
(66, 59, 125)
(66, 60, 124)
(66, 61, 123)
(66, 62, 122)
(66, 63, 121)
(66, 64, 120)
(66, 65, 119)
(66, 66, 118)
(66, 67, 117)
(66, 68, 116)
(66, 69, 115)
(66, 70, 114)
(66, 71, 113)
(66, 72, 112)
(66, 73, 111)
(66, 74, 110)
(66, 75, 109)
(66, 76, 108)

(66, 77, 107)
(66, 78, 106)
(66, 79, 105)
(66, 80, 104)
(66, 81, 103)
(66, 82, 102)
(66, 83, 101)
(66, 84, 100)
(66, 85, 99)
(66, 86, 98)
(66, 87, 97)
(66, 88, 96)
(66, 89, 95)
(66, 90, 94)
(66, 91, 93)
(66, 92, 92)
(66, 93, 91)
(66, 94, 90)
(66, 95, 89)
(66, 96, 88)
(66, 97, 87)
(66, 98, 86)
(66, 99, 85)
(66, 100, 84)
(66, 101, 83)
(66, 102, 82)
(66, 103, 81)
(66, 104, 80)
(66, 105, 79)
(66, 106, 78)
(66, 107, 77)
(66, 108, 76)
(66, 109, 75)
(66, 110, 74)
(66, 111, 73)
(66, 112, 72)
(66, 113, 71)
(66, 114, 70)
(66, 115, 69)
(66, 116, 68)
(66, 117, 67)
(66, 118, 66)
(66, 119, 65)
(66, 120, 64)
(66, 121, 63)
(66, 122, 62)
(66, 123, 61)
(66, 124, 60)

(66, 125, 59)
(66, 126, 58)
(66, 127, 57)
(66, 128, 56)
(66, 129, 55)
(66, 130, 54)
(66, 131, 53)
(66, 132, 52)
(66, 133, 51)
(66, 134, 50)
(66, 135, 49)
(66, 136, 48)
(66, 137, 47)
(66, 138, 46)
(66, 139, 45)
(66, 140, 44)
(66, 141, 43)
(66, 142, 42)
(66, 143, 41)
(66, 144, 40)
(66, 145, 39)
(66, 146, 38)
(66, 147, 37)
(66, 148, 36)
(66, 149, 35)
(66, 150, 34)
(66, 151, 33)
(66, 152, 32)
(66, 153, 31)
(66, 154, 30)
(66, 155, 29)
(66, 156, 28)
(66, 157, 27)
(66, 158, 26)
(66, 159, 25)
(66, 160, 24)
(66, 161, 23)
(66, 162, 22)
(66, 163, 21)
(66, 164, 20)
(66, 165, 19)
(66, 166, 18)
(66, 167, 17)
(66, 168, 16)
(66, 169, 15)
(66, 170, 14)
(66, 171, 13)
(66, 172, 12)

(66, 173, 11)
(66, 174, 10)
(66, 175, 9)
(66, 176, 8)
(66, 177, 7)
(66, 178, 6)
(66, 179, 5)
(66, 180, 4)
(66, 181, 3)
(66, 182, 2)
(66, 183, 1)
(66, 184, 0)
(67, 0, 183)
(67, 1, 182)
(67, 2, 181)
(67, 3, 180)
(67, 4, 179)
(67, 5, 178)
(67, 6, 177)
(67, 7, 176)
(67, 8, 175)
(67, 9, 174)
(67, 10, 173)
(67, 11, 172)
(67, 12, 171)
(67, 13, 170)
(67, 14, 169)
(67, 15, 168)
(67, 16, 167)
(67, 17, 166)
(67, 18, 165)
(67, 19, 164)
(67, 20, 163)
(67, 21, 162)
(67, 22, 161)
(67, 23, 160)
(67, 24, 159)
(67, 25, 158)
(67, 26, 157)
(67, 27, 156)
(67, 28, 155)
(67, 29, 154)
(67, 30, 153)
(67, 31, 152)
(67, 32, 151)
(67, 33, 150)
(67, 34, 149)
(67, 35, 148)

(67, 36, 147)
(67, 37, 146)
(67, 38, 145)
(67, 39, 144)
(67, 40, 143)
(67, 41, 142)
(67, 42, 141)
(67, 43, 140)
(67, 44, 139)
(67, 45, 138)
(67, 46, 137)
(67, 47, 136)
(67, 48, 135)
(67, 49, 134)
(67, 50, 133)
(67, 51, 132)
(67, 52, 131)
(67, 53, 130)
(67, 54, 129)
(67, 55, 128)
(67, 56, 127)
(67, 57, 126)
(67, 58, 125)
(67, 59, 124)
(67, 60, 123)
(67, 61, 122)
(67, 62, 121)
(67, 63, 120)
(67, 64, 119)
(67, 65, 118)
(67, 66, 117)
(67, 67, 116)
(67, 68, 115)
(67, 69, 114)
(67, 70, 113)
(67, 71, 112)
(67, 72, 111)
(67, 73, 110)
(67, 74, 109)
(67, 75, 108)
(67, 76, 107)
(67, 77, 106)
(67, 78, 105)
(67, 79, 104)
(67, 80, 103)
(67, 81, 102)
(67, 82, 101)
(67, 83, 100)

(67, 84, 99)
(67, 85, 98)
(67, 86, 97)
(67, 87, 96)
(67, 88, 95)
(67, 89, 94)
(67, 90, 93)
(67, 91, 92)
(67, 92, 91)
(67, 93, 90)
(67, 94, 89)
(67, 95, 88)
(67, 96, 87)
(67, 97, 86)
(67, 98, 85)
(67, 99, 84)
(67, 100, 83)
(67, 101, 82)
(67, 102, 81)
(67, 103, 80)
(67, 104, 79)
(67, 105, 78)
(67, 106, 77)
(67, 107, 76)
(67, 108, 75)
(67, 109, 74)
(67, 110, 73)
(67, 111, 72)
(67, 112, 71)
(67, 113, 70)
(67, 114, 69)
(67, 115, 68)
(67, 116, 67)
(67, 117, 66)
(67, 118, 65)
(67, 119, 64)
(67, 120, 63)
(67, 121, 62)
(67, 122, 61)
(67, 123, 60)
(67, 124, 59)
(67, 125, 58)
(67, 126, 57)
(67, 127, 56)
(67, 128, 55)
(67, 129, 54)
(67, 130, 53)
(67, 131, 52)

(67, 132, 51)
(67, 133, 50)
(67, 134, 49)
(67, 135, 48)
(67, 136, 47)
(67, 137, 46)
(67, 138, 45)
(67, 139, 44)
(67, 140, 43)
(67, 141, 42)
(67, 142, 41)
(67, 143, 40)
(67, 144, 39)
(67, 145, 38)
(67, 146, 37)
(67, 147, 36)
(67, 148, 35)
(67, 149, 34)
(67, 150, 33)
(67, 151, 32)
(67, 152, 31)
(67, 153, 30)
(67, 154, 29)
(67, 155, 28)
(67, 156, 27)
(67, 157, 26)
(67, 158, 25)
(67, 159, 24)
(67, 160, 23)
(67, 161, 22)
(67, 162, 21)
(67, 163, 20)
(67, 164, 19)
(67, 165, 18)
(67, 166, 17)
(67, 167, 16)
(67, 168, 15)
(67, 169, 14)
(67, 170, 13)
(67, 171, 12)
(67, 172, 11)
(67, 173, 10)
(67, 174, 9)
(67, 175, 8)
(67, 176, 7)
(67, 177, 6)
(67, 178, 5)
(67, 179, 4)

(67, 180, 3)
(67, 181, 2)
(67, 182, 1)
(67, 183, 0)
(68, 0, 182)
(68, 1, 181)
(68, 2, 180)
(68, 3, 179)
(68, 4, 178)
(68, 5, 177)
(68, 6, 176)
(68, 7, 175)
(68, 8, 174)
(68, 9, 173)
(68, 10, 172)
(68, 11, 171)
(68, 12, 170)
(68, 13, 169)
(68, 14, 168)
(68, 15, 167)
(68, 16, 166)
(68, 17, 165)
(68, 18, 164)
(68, 19, 163)
(68, 20, 162)
(68, 21, 161)
(68, 22, 160)
(68, 23, 159)
(68, 24, 158)
(68, 25, 157)
(68, 26, 156)
(68, 27, 155)
(68, 28, 154)
(68, 29, 153)
(68, 30, 152)
(68, 31, 151)
(68, 32, 150)
(68, 33, 149)
(68, 34, 148)
(68, 35, 147)
(68, 36, 146)
(68, 37, 145)
(68, 38, 144)
(68, 39, 143)
(68, 40, 142)
(68, 41, 141)
(68, 42, 140)
(68, 43, 139)

(68, 44, 138)
(68, 45, 137)
(68, 46, 136)
(68, 47, 135)
(68, 48, 134)
(68, 49, 133)
(68, 50, 132)
(68, 51, 131)
(68, 52, 130)
(68, 53, 129)
(68, 54, 128)
(68, 55, 127)
(68, 56, 126)
(68, 57, 125)
(68, 58, 124)
(68, 59, 123)
(68, 60, 122)
(68, 61, 121)
(68, 62, 120)
(68, 63, 119)
(68, 64, 118)
(68, 65, 117)
(68, 66, 116)
(68, 67, 115)
(68, 68, 114)
(68, 69, 113)
(68, 70, 112)
(68, 71, 111)
(68, 72, 110)
(68, 73, 109)
(68, 74, 108)
(68, 75, 107)
(68, 76, 106)
(68, 77, 105)
(68, 78, 104)
(68, 79, 103)
(68, 80, 102)
(68, 81, 101)
(68, 82, 100)
(68, 83, 99)
(68, 84, 98)
(68, 85, 97)
(68, 86, 96)
(68, 87, 95)
(68, 88, 94)
(68, 89, 93)
(68, 90, 92)
(68, 91, 91)

(68, 92, 90)
(68, 93, 89)
(68, 94, 88)
(68, 95, 87)
(68, 96, 86)
(68, 97, 85)
(68, 98, 84)
(68, 99, 83)
(68, 100, 82)
(68, 101, 81)
(68, 102, 80)
(68, 103, 79)
(68, 104, 78)
(68, 105, 77)
(68, 106, 76)
(68, 107, 75)
(68, 108, 74)
(68, 109, 73)
(68, 110, 72)
(68, 111, 71)
(68, 112, 70)
(68, 113, 69)
(68, 114, 68)
(68, 115, 67)
(68, 116, 66)
(68, 117, 65)
(68, 118, 64)
(68, 119, 63)
(68, 120, 62)
(68, 121, 61)
(68, 122, 60)
(68, 123, 59)
(68, 124, 58)
(68, 125, 57)
(68, 126, 56)
(68, 127, 55)
(68, 128, 54)
(68, 129, 53)
(68, 130, 52)
(68, 131, 51)
(68, 132, 50)
(68, 133, 49)
(68, 134, 48)
(68, 135, 47)
(68, 136, 46)
(68, 137, 45)
(68, 138, 44)
(68, 139, 43)

(68, 140, 42)
(68, 141, 41)
(68, 142, 40)
(68, 143, 39)
(68, 144, 38)
(68, 145, 37)
(68, 146, 36)
(68, 147, 35)
(68, 148, 34)
(68, 149, 33)
(68, 150, 32)
(68, 151, 31)
(68, 152, 30)
(68, 153, 29)
(68, 154, 28)
(68, 155, 27)
(68, 156, 26)
(68, 157, 25)
(68, 158, 24)
(68, 159, 23)
(68, 160, 22)
(68, 161, 21)
(68, 162, 20)
(68, 163, 19)
(68, 164, 18)
(68, 165, 17)
(68, 166, 16)
(68, 167, 15)
(68, 168, 14)
(68, 169, 13)
(68, 170, 12)
(68, 171, 11)
(68, 172, 10)
(68, 173, 9)
(68, 174, 8)
(68, 175, 7)
(68, 176, 6)
(68, 177, 5)
(68, 178, 4)
(68, 179, 3)
(68, 180, 2)
(68, 181, 1)
(68, 182, 0)
(69, 0, 181)
(69, 1, 180)
(69, 2, 179)
(69, 3, 178)
(69, 4, 177)

(69, 5, 176)
(69, 6, 175)
(69, 7, 174)
(69, 8, 173)
(69, 9, 172)
(69, 10, 171)
(69, 11, 170)
(69, 12, 169)
(69, 13, 168)
(69, 14, 167)
(69, 15, 166)
(69, 16, 165)
(69, 17, 164)
(69, 18, 163)
(69, 19, 162)
(69, 20, 161)
(69, 21, 160)
(69, 22, 159)
(69, 23, 158)
(69, 24, 157)
(69, 25, 156)
(69, 26, 155)
(69, 27, 154)
(69, 28, 153)
(69, 29, 152)
(69, 30, 151)
(69, 31, 150)
(69, 32, 149)
(69, 33, 148)
(69, 34, 147)
(69, 35, 146)
(69, 36, 145)
(69, 37, 144)
(69, 38, 143)
(69, 39, 142)
(69, 40, 141)
(69, 41, 140)
(69, 42, 139)
(69, 43, 138)
(69, 44, 137)
(69, 45, 136)
(69, 46, 135)
(69, 47, 134)
(69, 48, 133)
(69, 49, 132)
(69, 50, 131)
(69, 51, 130)
(69, 52, 129)

(69, 53, 128)
(69, 54, 127)
(69, 55, 126)
(69, 56, 125)
(69, 57, 124)
(69, 58, 123)
(69, 59, 122)
(69, 60, 121)
(69, 61, 120)
(69, 62, 119)
(69, 63, 118)
(69, 64, 117)
(69, 65, 116)
(69, 66, 115)
(69, 67, 114)
(69, 68, 113)
(69, 69, 112)
(69, 70, 111)
(69, 71, 110)
(69, 72, 109)
(69, 73, 108)
(69, 74, 107)
(69, 75, 106)
(69, 76, 105)
(69, 77, 104)
(69, 78, 103)
(69, 79, 102)
(69, 80, 101)
(69, 81, 100)
(69, 82, 99)
(69, 83, 98)
(69, 84, 97)
(69, 85, 96)
(69, 86, 95)
(69, 87, 94)
(69, 88, 93)
(69, 89, 92)
(69, 90, 91)
(69, 91, 90)
(69, 92, 89)
(69, 93, 88)
(69, 94, 87)
(69, 95, 86)
(69, 96, 85)
(69, 97, 84)
(69, 98, 83)
(69, 99, 82)
(69, 100, 81)

(69, 101, 80)
(69, 102, 79)
(69, 103, 78)
(69, 104, 77)
(69, 105, 76)
(69, 106, 75)
(69, 107, 74)
(69, 108, 73)
(69, 109, 72)
(69, 110, 71)
(69, 111, 70)
(69, 112, 69)
(69, 113, 68)
(69, 114, 67)
(69, 115, 66)
(69, 116, 65)
(69, 117, 64)
(69, 118, 63)
(69, 119, 62)
(69, 120, 61)
(69, 121, 60)
(69, 122, 59)
(69, 123, 58)
(69, 124, 57)
(69, 125, 56)
(69, 126, 55)
(69, 127, 54)
(69, 128, 53)
(69, 129, 52)
(69, 130, 51)
(69, 131, 50)
(69, 132, 49)
(69, 133, 48)
(69, 134, 47)
(69, 135, 46)
(69, 136, 45)
(69, 137, 44)
(69, 138, 43)
(69, 139, 42)
(69, 140, 41)
(69, 141, 40)
(69, 142, 39)
(69, 143, 38)
(69, 144, 37)
(69, 145, 36)
(69, 146, 35)
(69, 147, 34)
(69, 148, 33)

(69, 149, 32)
(69, 150, 31)
(69, 151, 30)
(69, 152, 29)
(69, 153, 28)
(69, 154, 27)
(69, 155, 26)
(69, 156, 25)
(69, 157, 24)
(69, 158, 23)
(69, 159, 22)
(69, 160, 21)
(69, 161, 20)
(69, 162, 19)
(69, 163, 18)
(69, 164, 17)
(69, 165, 16)
(69, 166, 15)
(69, 167, 14)
(69, 168, 13)
(69, 169, 12)
(69, 170, 11)
(69, 171, 10)
(69, 172, 9)
(69, 173, 8)
(69, 174, 7)
(69, 175, 6)
(69, 176, 5)
(69, 177, 4)
(69, 178, 3)
(69, 179, 2)
(69, 180, 1)
(69, 181, 0)
(70, 0, 180)
(70, 1, 179)
(70, 2, 178)
(70, 3, 177)
(70, 4, 176)
(70, 5, 175)
(70, 6, 174)
(70, 7, 173)
(70, 8, 172)
(70, 9, 171)
(70, 10, 170)
(70, 11, 169)
(70, 12, 168)
(70, 13, 167)
(70, 14, 166)

(70, 15, 165)
(70, 16, 164)
(70, 17, 163)
(70, 18, 162)
(70, 19, 161)
(70, 20, 160)
(70, 21, 159)
(70, 22, 158)
(70, 23, 157)
(70, 24, 156)
(70, 25, 155)
(70, 26, 154)
(70, 27, 153)
(70, 28, 152)
(70, 29, 151)
(70, 30, 150)
(70, 31, 149)
(70, 32, 148)
(70, 33, 147)
(70, 34, 146)
(70, 35, 145)
(70, 36, 144)
(70, 37, 143)
(70, 38, 142)
(70, 39, 141)
(70, 40, 140)
(70, 41, 139)
(70, 42, 138)
(70, 43, 137)
(70, 44, 136)
(70, 45, 135)
(70, 46, 134)
(70, 47, 133)
(70, 48, 132)
(70, 49, 131)
(70, 50, 130)
(70, 51, 129)
(70, 52, 128)
(70, 53, 127)
(70, 54, 126)
(70, 55, 125)
(70, 56, 124)
(70, 57, 123)
(70, 58, 122)
(70, 59, 121)
(70, 60, 120)
(70, 61, 119)
(70, 62, 118)

(70, 63, 117)
(70, 64, 116)
(70, 65, 115)
(70, 66, 114)
(70, 67, 113)
(70, 68, 112)
(70, 69, 111)
(70, 70, 110)
(70, 71, 109)
(70, 72, 108)
(70, 73, 107)
(70, 74, 106)
(70, 75, 105)
(70, 76, 104)
(70, 77, 103)
(70, 78, 102)
(70, 79, 101)
(70, 80, 100)
(70, 81, 99)
(70, 82, 98)
(70, 83, 97)
(70, 84, 96)
(70, 85, 95)
(70, 86, 94)
(70, 87, 93)
(70, 88, 92)
(70, 89, 91)
(70, 90, 90)
(70, 91, 89)
(70, 92, 88)
(70, 93, 87)
(70, 94, 86)
(70, 95, 85)
(70, 96, 84)
(70, 97, 83)
(70, 98, 82)
(70, 99, 81)
(70, 100, 80)
(70, 101, 79)
(70, 102, 78)
(70, 103, 77)
(70, 104, 76)
(70, 105, 75)
(70, 106, 74)
(70, 107, 73)
(70, 108, 72)
(70, 109, 71)
(70, 110, 70)

(70, 111, 69)
(70, 112, 68)
(70, 113, 67)
(70, 114, 66)
(70, 115, 65)
(70, 116, 64)
(70, 117, 63)
(70, 118, 62)
(70, 119, 61)
(70, 120, 60)
(70, 121, 59)
(70, 122, 58)
(70, 123, 57)
(70, 124, 56)
(70, 125, 55)
(70, 126, 54)
(70, 127, 53)
(70, 128, 52)
(70, 129, 51)
(70, 130, 50)
(70, 131, 49)
(70, 132, 48)
(70, 133, 47)
(70, 134, 46)
(70, 135, 45)
(70, 136, 44)
(70, 137, 43)
(70, 138, 42)
(70, 139, 41)
(70, 140, 40)
(70, 141, 39)
(70, 142, 38)
(70, 143, 37)
(70, 144, 36)
(70, 145, 35)
(70, 146, 34)
(70, 147, 33)
(70, 148, 32)
(70, 149, 31)
(70, 150, 30)
(70, 151, 29)
(70, 152, 28)
(70, 153, 27)
(70, 154, 26)
(70, 155, 25)
(70, 156, 24)
(70, 157, 23)
(70, 158, 22)

(70, 159, 21)
(70, 160, 20)
(70, 161, 19)
(70, 162, 18)
(70, 163, 17)
(70, 164, 16)
(70, 165, 15)
(70, 166, 14)
(70, 167, 13)
(70, 168, 12)
(70, 169, 11)
(70, 170, 10)
(70, 171, 9)
(70, 172, 8)
(70, 173, 7)
(70, 174, 6)
(70, 175, 5)
(70, 176, 4)
(70, 177, 3)
(70, 178, 2)
(70, 179, 1)
(70, 180, 0)
(71, 0, 179)
(71, 1, 178)
(71, 2, 177)
(71, 3, 176)
(71, 4, 175)
(71, 5, 174)
(71, 6, 173)
(71, 7, 172)
(71, 8, 171)
(71, 9, 170)
(71, 10, 169)
(71, 11, 168)
(71, 12, 167)
(71, 13, 166)
(71, 14, 165)
(71, 15, 164)
(71, 16, 163)
(71, 17, 162)
(71, 18, 161)
(71, 19, 160)
(71, 20, 159)
(71, 21, 158)
(71, 22, 157)
(71, 23, 156)
(71, 24, 155)
(71, 25, 154)

(71, 26, 153)
(71, 27, 152)
(71, 28, 151)
(71, 29, 150)
(71, 30, 149)
(71, 31, 148)
(71, 32, 147)
(71, 33, 146)
(71, 34, 145)
(71, 35, 144)
(71, 36, 143)
(71, 37, 142)
(71, 38, 141)
(71, 39, 140)
(71, 40, 139)
(71, 41, 138)
(71, 42, 137)
(71, 43, 136)
(71, 44, 135)
(71, 45, 134)
(71, 46, 133)
(71, 47, 132)
(71, 48, 131)
(71, 49, 130)
(71, 50, 129)
(71, 51, 128)
(71, 52, 127)
(71, 53, 126)
(71, 54, 125)
(71, 55, 124)
(71, 56, 123)
(71, 57, 122)
(71, 58, 121)
(71, 59, 120)
(71, 60, 119)
(71, 61, 118)
(71, 62, 117)
(71, 63, 116)
(71, 64, 115)
(71, 65, 114)
(71, 66, 113)
(71, 67, 112)
(71, 68, 111)
(71, 69, 110)
(71, 70, 109)
(71, 71, 108)
(71, 72, 107)
(71, 73, 106)

(71, 74, 105)
(71, 75, 104)
(71, 76, 103)
(71, 77, 102)
(71, 78, 101)
(71, 79, 100)
(71, 80, 99)
(71, 81, 98)
(71, 82, 97)
(71, 83, 96)
(71, 84, 95)
(71, 85, 94)
(71, 86, 93)
(71, 87, 92)
(71, 88, 91)
(71, 89, 90)
(71, 90, 89)
(71, 91, 88)
(71, 92, 87)
(71, 93, 86)
(71, 94, 85)
(71, 95, 84)
(71, 96, 83)
(71, 97, 82)
(71, 98, 81)
(71, 99, 80)
(71, 100, 79)
(71, 101, 78)
(71, 102, 77)
(71, 103, 76)
(71, 104, 75)
(71, 105, 74)
(71, 106, 73)
(71, 107, 72)
(71, 108, 71)
(71, 109, 70)
(71, 110, 69)
(71, 111, 68)
(71, 112, 67)
(71, 113, 66)
(71, 114, 65)
(71, 115, 64)
(71, 116, 63)
(71, 117, 62)
(71, 118, 61)
(71, 119, 60)
(71, 120, 59)
(71, 121, 58)

(71, 122, 57)
(71, 123, 56)
(71, 124, 55)
(71, 125, 54)
(71, 126, 53)
(71, 127, 52)
(71, 128, 51)
(71, 129, 50)
(71, 130, 49)
(71, 131, 48)
(71, 132, 47)
(71, 133, 46)
(71, 134, 45)
(71, 135, 44)
(71, 136, 43)
(71, 137, 42)
(71, 138, 41)
(71, 139, 40)
(71, 140, 39)
(71, 141, 38)
(71, 142, 37)
(71, 143, 36)
(71, 144, 35)
(71, 145, 34)
(71, 146, 33)
(71, 147, 32)
(71, 148, 31)
(71, 149, 30)
(71, 150, 29)
(71, 151, 28)
(71, 152, 27)
(71, 153, 26)
(71, 154, 25)
(71, 155, 24)
(71, 156, 23)
(71, 157, 22)
(71, 158, 21)
(71, 159, 20)
(71, 160, 19)
(71, 161, 18)
(71, 162, 17)
(71, 163, 16)
(71, 164, 15)
(71, 165, 14)
(71, 166, 13)
(71, 167, 12)
(71, 168, 11)
(71, 169, 10)

(71, 170, 9)
(71, 171, 8)
(71, 172, 7)
(71, 173, 6)
(71, 174, 5)
(71, 175, 4)
(71, 176, 3)
(71, 177, 2)
(71, 178, 1)
(71, 179, 0)
(72, 0, 178)
(72, 1, 177)
(72, 2, 176)
(72, 3, 175)
(72, 4, 174)
(72, 5, 173)
(72, 6, 172)
(72, 7, 171)
(72, 8, 170)
(72, 9, 169)
(72, 10, 168)
(72, 11, 167)
(72, 12, 166)
(72, 13, 165)
(72, 14, 164)
(72, 15, 163)
(72, 16, 162)
(72, 17, 161)
(72, 18, 160)
(72, 19, 159)
(72, 20, 158)
(72, 21, 157)
(72, 22, 156)
(72, 23, 155)
(72, 24, 154)
(72, 25, 153)
(72, 26, 152)
(72, 27, 151)
(72, 28, 150)
(72, 29, 149)
(72, 30, 148)
(72, 31, 147)
(72, 32, 146)
(72, 33, 145)
(72, 34, 144)
(72, 35, 143)
(72, 36, 142)
(72, 37, 141)

(72, 38, 140)
(72, 39, 139)
(72, 40, 138)
(72, 41, 137)
(72, 42, 136)
(72, 43, 135)
(72, 44, 134)
(72, 45, 133)
(72, 46, 132)
(72, 47, 131)
(72, 48, 130)
(72, 49, 129)
(72, 50, 128)
(72, 51, 127)
(72, 52, 126)
(72, 53, 125)
(72, 54, 124)
(72, 55, 123)
(72, 56, 122)
(72, 57, 121)
(72, 58, 120)
(72, 59, 119)
(72, 60, 118)
(72, 61, 117)
(72, 62, 116)
(72, 63, 115)
(72, 64, 114)
(72, 65, 113)
(72, 66, 112)
(72, 67, 111)
(72, 68, 110)
(72, 69, 109)
(72, 70, 108)
(72, 71, 107)
(72, 72, 106)
(72, 73, 105)
(72, 74, 104)
(72, 75, 103)
(72, 76, 102)
(72, 77, 101)
(72, 78, 100)
(72, 79, 99)
(72, 80, 98)
(72, 81, 97)
(72, 82, 96)
(72, 83, 95)
(72, 84, 94)
(72, 85, 93)

(72, 86, 92)
(72, 87, 91)
(72, 88, 90)
(72, 89, 89)
(72, 90, 88)
(72, 91, 87)
(72, 92, 86)
(72, 93, 85)
(72, 94, 84)
(72, 95, 83)
(72, 96, 82)
(72, 97, 81)
(72, 98, 80)
(72, 99, 79)
(72, 100, 78)
(72, 101, 77)
(72, 102, 76)
(72, 103, 75)
(72, 104, 74)
(72, 105, 73)
(72, 106, 72)
(72, 107, 71)
(72, 108, 70)
(72, 109, 69)
(72, 110, 68)
(72, 111, 67)
(72, 112, 66)
(72, 113, 65)
(72, 114, 64)
(72, 115, 63)
(72, 116, 62)
(72, 117, 61)
(72, 118, 60)
(72, 119, 59)
(72, 120, 58)
(72, 121, 57)
(72, 122, 56)
(72, 123, 55)
(72, 124, 54)
(72, 125, 53)
(72, 126, 52)
(72, 127, 51)
(72, 128, 50)
(72, 129, 49)
(72, 130, 48)
(72, 131, 47)
(72, 132, 46)
(72, 133, 45)

(72, 134, 44)
(72, 135, 43)
(72, 136, 42)
(72, 137, 41)
(72, 138, 40)
(72, 139, 39)
(72, 140, 38)
(72, 141, 37)
(72, 142, 36)
(72, 143, 35)
(72, 144, 34)
(72, 145, 33)
(72, 146, 32)
(72, 147, 31)
(72, 148, 30)
(72, 149, 29)
(72, 150, 28)
(72, 151, 27)
(72, 152, 26)
(72, 153, 25)
(72, 154, 24)
(72, 155, 23)
(72, 156, 22)
(72, 157, 21)
(72, 158, 20)
(72, 159, 19)
(72, 160, 18)
(72, 161, 17)
(72, 162, 16)
(72, 163, 15)
(72, 164, 14)
(72, 165, 13)
(72, 166, 12)
(72, 167, 11)
(72, 168, 10)
(72, 169, 9)
(72, 170, 8)
(72, 171, 7)
(72, 172, 6)
(72, 173, 5)
(72, 174, 4)
(72, 175, 3)
(72, 176, 2)
(72, 177, 1)
(72, 178, 0)
(73, 0, 177)
(73, 1, 176)
(73, 2, 175)

(73, 3, 174)
(73, 4, 173)
(73, 5, 172)
(73, 6, 171)
(73, 7, 170)
(73, 8, 169)
(73, 9, 168)
(73, 10, 167)
(73, 11, 166)
(73, 12, 165)
(73, 13, 164)
(73, 14, 163)
(73, 15, 162)
(73, 16, 161)
(73, 17, 160)
(73, 18, 159)
(73, 19, 158)
(73, 20, 157)
(73, 21, 156)
(73, 22, 155)
(73, 23, 154)
(73, 24, 153)
(73, 25, 152)
(73, 26, 151)
(73, 27, 150)
(73, 28, 149)
(73, 29, 148)
(73, 30, 147)
(73, 31, 146)
(73, 32, 145)
(73, 33, 144)
(73, 34, 143)
(73, 35, 142)
(73, 36, 141)
(73, 37, 140)
(73, 38, 139)
(73, 39, 138)
(73, 40, 137)
(73, 41, 136)
(73, 42, 135)
(73, 43, 134)
(73, 44, 133)
(73, 45, 132)
(73, 46, 131)
(73, 47, 130)
(73, 48, 129)
(73, 49, 128)
(73, 50, 127)

(73, 51, 126)
(73, 52, 125)
(73, 53, 124)
(73, 54, 123)
(73, 55, 122)
(73, 56, 121)
(73, 57, 120)
(73, 58, 119)
(73, 59, 118)
(73, 60, 117)
(73, 61, 116)
(73, 62, 115)
(73, 63, 114)
(73, 64, 113)
(73, 65, 112)
(73, 66, 111)
(73, 67, 110)
(73, 68, 109)
(73, 69, 108)
(73, 70, 107)
(73, 71, 106)
(73, 72, 105)
(73, 73, 104)
(73, 74, 103)
(73, 75, 102)
(73, 76, 101)
(73, 77, 100)
(73, 78, 99)
(73, 79, 98)
(73, 80, 97)
(73, 81, 96)
(73, 82, 95)
(73, 83, 94)
(73, 84, 93)
(73, 85, 92)
(73, 86, 91)
(73, 87, 90)
(73, 88, 89)
(73, 89, 88)
(73, 90, 87)
(73, 91, 86)
(73, 92, 85)
(73, 93, 84)
(73, 94, 83)
(73, 95, 82)
(73, 96, 81)
(73, 97, 80)
(73, 98, 79)

(73, 99, 78)
(73, 100, 77)
(73, 101, 76)
(73, 102, 75)
(73, 103, 74)
(73, 104, 73)
(73, 105, 72)
(73, 106, 71)
(73, 107, 70)
(73, 108, 69)
(73, 109, 68)
(73, 110, 67)
(73, 111, 66)
(73, 112, 65)
(73, 113, 64)
(73, 114, 63)
(73, 115, 62)
(73, 116, 61)
(73, 117, 60)
(73, 118, 59)
(73, 119, 58)
(73, 120, 57)
(73, 121, 56)
(73, 122, 55)
(73, 123, 54)
(73, 124, 53)
(73, 125, 52)
(73, 126, 51)
(73, 127, 50)
(73, 128, 49)
(73, 129, 48)
(73, 130, 47)
(73, 131, 46)
(73, 132, 45)
(73, 133, 44)
(73, 134, 43)
(73, 135, 42)
(73, 136, 41)
(73, 137, 40)
(73, 138, 39)
(73, 139, 38)
(73, 140, 37)
(73, 141, 36)
(73, 142, 35)
(73, 143, 34)
(73, 144, 33)
(73, 145, 32)
(73, 146, 31)

(73, 147, 30)
(73, 148, 29)
(73, 149, 28)
(73, 150, 27)
(73, 151, 26)
(73, 152, 25)
(73, 153, 24)
(73, 154, 23)
(73, 155, 22)
(73, 156, 21)
(73, 157, 20)
(73, 158, 19)
(73, 159, 18)
(73, 160, 17)
(73, 161, 16)
(73, 162, 15)
(73, 163, 14)
(73, 164, 13)
(73, 165, 12)
(73, 166, 11)
(73, 167, 10)
(73, 168, 9)
(73, 169, 8)
(73, 170, 7)
(73, 171, 6)
(73, 172, 5)
(73, 173, 4)
(73, 174, 3)
(73, 175, 2)
(73, 176, 1)
(73, 177, 0)
(74, 0, 176)
(74, 1, 175)
(74, 2, 174)
(74, 3, 173)
(74, 4, 172)
(74, 5, 171)
(74, 6, 170)
(74, 7, 169)
(74, 8, 168)
(74, 9, 167)
(74, 10, 166)
(74, 11, 165)
(74, 12, 164)
(74, 13, 163)
(74, 14, 162)
(74, 15, 161)
(74, 16, 160)

(74, 17, 159)
(74, 18, 158)
(74, 19, 157)
(74, 20, 156)
(74, 21, 155)
(74, 22, 154)
(74, 23, 153)
(74, 24, 152)
(74, 25, 151)
(74, 26, 150)
(74, 27, 149)
(74, 28, 148)
(74, 29, 147)
(74, 30, 146)
(74, 31, 145)
(74, 32, 144)
(74, 33, 143)
(74, 34, 142)
(74, 35, 141)
(74, 36, 140)
(74, 37, 139)
(74, 38, 138)
(74, 39, 137)
(74, 40, 136)
(74, 41, 135)
(74, 42, 134)
(74, 43, 133)
(74, 44, 132)
(74, 45, 131)
(74, 46, 130)
(74, 47, 129)
(74, 48, 128)
(74, 49, 127)
(74, 50, 126)
(74, 51, 125)
(74, 52, 124)
(74, 53, 123)
(74, 54, 122)
(74, 55, 121)
(74, 56, 120)
(74, 57, 119)
(74, 58, 118)
(74, 59, 117)
(74, 60, 116)
(74, 61, 115)
(74, 62, 114)
(74, 63, 113)
(74, 64, 112)

(74, 65, 111)
(74, 66, 110)
(74, 67, 109)
(74, 68, 108)
(74, 69, 107)
(74, 70, 106)
(74, 71, 105)
(74, 72, 104)
(74, 73, 103)
(74, 74, 102)
(74, 75, 101)
(74, 76, 100)
(74, 77, 99)
(74, 78, 98)
(74, 79, 97)
(74, 80, 96)
(74, 81, 95)
(74, 82, 94)
(74, 83, 93)
(74, 84, 92)
(74, 85, 91)
(74, 86, 90)
(74, 87, 89)
(74, 88, 88)
(74, 89, 87)
(74, 90, 86)
(74, 91, 85)
(74, 92, 84)
(74, 93, 83)
(74, 94, 82)
(74, 95, 81)
(74, 96, 80)
(74, 97, 79)
(74, 98, 78)
(74, 99, 77)
(74, 100, 76)
(74, 101, 75)
(74, 102, 74)
(74, 103, 73)
(74, 104, 72)
(74, 105, 71)
(74, 106, 70)
(74, 107, 69)
(74, 108, 68)
(74, 109, 67)
(74, 110, 66)
(74, 111, 65)
(74, 112, 64)

(74, 113, 63)
(74, 114, 62)
(74, 115, 61)
(74, 116, 60)
(74, 117, 59)
(74, 118, 58)
(74, 119, 57)
(74, 120, 56)
(74, 121, 55)
(74, 122, 54)
(74, 123, 53)
(74, 124, 52)
(74, 125, 51)
(74, 126, 50)
(74, 127, 49)
(74, 128, 48)
(74, 129, 47)
(74, 130, 46)
(74, 131, 45)
(74, 132, 44)
(74, 133, 43)
(74, 134, 42)
(74, 135, 41)
(74, 136, 40)
(74, 137, 39)
(74, 138, 38)
(74, 139, 37)
(74, 140, 36)
(74, 141, 35)
(74, 142, 34)
(74, 143, 33)
(74, 144, 32)
(74, 145, 31)
(74, 146, 30)
(74, 147, 29)
(74, 148, 28)
(74, 149, 27)
(74, 150, 26)
(74, 151, 25)
(74, 152, 24)
(74, 153, 23)
(74, 154, 22)
(74, 155, 21)
(74, 156, 20)
(74, 157, 19)
(74, 158, 18)
(74, 159, 17)
(74, 160, 16)

(74, 161, 15)
(74, 162, 14)
(74, 163, 13)
(74, 164, 12)
(74, 165, 11)
(74, 166, 10)
(74, 167, 9)
(74, 168, 8)
(74, 169, 7)
(74, 170, 6)
(74, 171, 5)
(74, 172, 4)
(74, 173, 3)
(74, 174, 2)
(74, 175, 1)
(74, 176, 0)
(75, 0, 175)
(75, 1, 174)
(75, 2, 173)
(75, 3, 172)
(75, 4, 171)
(75, 5, 170)
(75, 6, 169)
(75, 7, 168)
(75, 8, 167)
(75, 9, 166)
(75, 10, 165)
(75, 11, 164)
(75, 12, 163)
(75, 13, 162)
(75, 14, 161)
(75, 15, 160)
(75, 16, 159)
(75, 17, 158)
(75, 18, 157)
(75, 19, 156)
(75, 20, 155)
(75, 21, 154)
(75, 22, 153)
(75, 23, 152)
(75, 24, 151)
(75, 25, 150)
(75, 26, 149)
(75, 27, 148)
(75, 28, 147)
(75, 29, 146)
(75, 30, 145)
(75, 31, 144)

(75, 32, 143)
(75, 33, 142)
(75, 34, 141)
(75, 35, 140)
(75, 36, 139)
(75, 37, 138)
(75, 38, 137)
(75, 39, 136)
(75, 40, 135)
(75, 41, 134)
(75, 42, 133)
(75, 43, 132)
(75, 44, 131)
(75, 45, 130)
(75, 46, 129)
(75, 47, 128)
(75, 48, 127)
(75, 49, 126)
(75, 50, 125)
(75, 51, 124)
(75, 52, 123)
(75, 53, 122)
(75, 54, 121)
(75, 55, 120)
(75, 56, 119)
(75, 57, 118)
(75, 58, 117)
(75, 59, 116)
(75, 60, 115)
(75, 61, 114)
(75, 62, 113)
(75, 63, 112)
(75, 64, 111)
(75, 65, 110)
(75, 66, 109)
(75, 67, 108)
(75, 68, 107)
(75, 69, 106)
(75, 70, 105)
(75, 71, 104)
(75, 72, 103)
(75, 73, 102)
(75, 74, 101)
(75, 75, 100)
(75, 76, 99)
(75, 77, 98)
(75, 78, 97)
(75, 79, 96)

(75, 80, 95)
(75, 81, 94)
(75, 82, 93)
(75, 83, 92)
(75, 84, 91)
(75, 85, 90)
(75, 86, 89)
(75, 87, 88)
(75, 88, 87)
(75, 89, 86)
(75, 90, 85)
(75, 91, 84)
(75, 92, 83)
(75, 93, 82)
(75, 94, 81)
(75, 95, 80)
(75, 96, 79)
(75, 97, 78)
(75, 98, 77)
(75, 99, 76)
(75, 100, 75)
(75, 101, 74)
(75, 102, 73)
(75, 103, 72)
(75, 104, 71)
(75, 105, 70)
(75, 106, 69)
(75, 107, 68)
(75, 108, 67)
(75, 109, 66)
(75, 110, 65)
(75, 111, 64)
(75, 112, 63)
(75, 113, 62)
(75, 114, 61)
(75, 115, 60)
(75, 116, 59)
(75, 117, 58)
(75, 118, 57)
(75, 119, 56)
(75, 120, 55)
(75, 121, 54)
(75, 122, 53)
(75, 123, 52)
(75, 124, 51)
(75, 125, 50)
(75, 126, 49)
(75, 127, 48)

(75, 128, 47)
(75, 129, 46)
(75, 130, 45)
(75, 131, 44)
(75, 132, 43)
(75, 133, 42)
(75, 134, 41)
(75, 135, 40)
(75, 136, 39)
(75, 137, 38)
(75, 138, 37)
(75, 139, 36)
(75, 140, 35)
(75, 141, 34)
(75, 142, 33)
(75, 143, 32)
(75, 144, 31)
(75, 145, 30)
(75, 146, 29)
(75, 147, 28)
(75, 148, 27)
(75, 149, 26)
(75, 150, 25)
(75, 151, 24)
(75, 152, 23)
(75, 153, 22)
(75, 154, 21)
(75, 155, 20)
(75, 156, 19)
(75, 157, 18)
(75, 158, 17)
(75, 159, 16)
(75, 160, 15)
(75, 161, 14)
(75, 162, 13)
(75, 163, 12)
(75, 164, 11)
(75, 165, 10)
(75, 166, 9)
(75, 167, 8)
(75, 168, 7)
(75, 169, 6)
(75, 170, 5)
(75, 171, 4)
(75, 172, 3)
(75, 173, 2)
(75, 174, 1)
(75, 175, 0)

(76, 0, 174)
(76, 1, 173)
(76, 2, 172)
(76, 3, 171)
(76, 4, 170)
(76, 5, 169)
(76, 6, 168)
(76, 7, 167)
(76, 8, 166)
(76, 9, 165)
(76, 10, 164)
(76, 11, 163)
(76, 12, 162)
(76, 13, 161)
(76, 14, 160)
(76, 15, 159)
(76, 16, 158)
(76, 17, 157)
(76, 18, 156)
(76, 19, 155)
(76, 20, 154)
(76, 21, 153)
(76, 22, 152)
(76, 23, 151)
(76, 24, 150)
(76, 25, 149)
(76, 26, 148)
(76, 27, 147)
(76, 28, 146)
(76, 29, 145)
(76, 30, 144)
(76, 31, 143)
(76, 32, 142)
(76, 33, 141)
(76, 34, 140)
(76, 35, 139)
(76, 36, 138)
(76, 37, 137)
(76, 38, 136)
(76, 39, 135)
(76, 40, 134)
(76, 41, 133)
(76, 42, 132)
(76, 43, 131)
(76, 44, 130)
(76, 45, 129)
(76, 46, 128)
(76, 47, 127)

(76, 48, 126)
(76, 49, 125)
(76, 50, 124)
(76, 51, 123)
(76, 52, 122)
(76, 53, 121)
(76, 54, 120)
(76, 55, 119)
(76, 56, 118)
(76, 57, 117)
(76, 58, 116)
(76, 59, 115)
(76, 60, 114)
(76, 61, 113)
(76, 62, 112)
(76, 63, 111)
(76, 64, 110)
(76, 65, 109)
(76, 66, 108)
(76, 67, 107)
(76, 68, 106)
(76, 69, 105)
(76, 70, 104)
(76, 71, 103)
(76, 72, 102)
(76, 73, 101)
(76, 74, 100)
(76, 75, 99)
(76, 76, 98)
(76, 77, 97)
(76, 78, 96)
(76, 79, 95)
(76, 80, 94)
(76, 81, 93)
(76, 82, 92)
(76, 83, 91)
(76, 84, 90)
(76, 85, 89)
(76, 86, 88)
(76, 87, 87)
(76, 88, 86)
(76, 89, 85)
(76, 90, 84)
(76, 91, 83)
(76, 92, 82)
(76, 93, 81)
(76, 94, 80)
(76, 95, 79)

(76, 96, 78)
(76, 97, 77)
(76, 98, 76)
(76, 99, 75)
(76, 100, 74)
(76, 101, 73)
(76, 102, 72)
(76, 103, 71)
(76, 104, 70)
(76, 105, 69)
(76, 106, 68)
(76, 107, 67)
(76, 108, 66)
(76, 109, 65)
(76, 110, 64)
(76, 111, 63)
(76, 112, 62)
(76, 113, 61)
(76, 114, 60)
(76, 115, 59)
(76, 116, 58)
(76, 117, 57)
(76, 118, 56)
(76, 119, 55)
(76, 120, 54)
(76, 121, 53)
(76, 122, 52)
(76, 123, 51)
(76, 124, 50)
(76, 125, 49)
(76, 126, 48)
(76, 127, 47)
(76, 128, 46)
(76, 129, 45)
(76, 130, 44)
(76, 131, 43)
(76, 132, 42)
(76, 133, 41)
(76, 134, 40)
(76, 135, 39)
(76, 136, 38)
(76, 137, 37)
(76, 138, 36)
(76, 139, 35)
(76, 140, 34)
(76, 141, 33)
(76, 142, 32)
(76, 143, 31)

(76, 144, 30)
(76, 145, 29)
(76, 146, 28)
(76, 147, 27)
(76, 148, 26)
(76, 149, 25)
(76, 150, 24)
(76, 151, 23)
(76, 152, 22)
(76, 153, 21)
(76, 154, 20)
(76, 155, 19)
(76, 156, 18)
(76, 157, 17)
(76, 158, 16)
(76, 159, 15)
(76, 160, 14)
(76, 161, 13)
(76, 162, 12)
(76, 163, 11)
(76, 164, 10)
(76, 165, 9)
(76, 166, 8)
(76, 167, 7)
(76, 168, 6)
(76, 169, 5)
(76, 170, 4)
(76, 171, 3)
(76, 172, 2)
(76, 173, 1)
(76, 174, 0)
(77, 0, 173)
(77, 1, 172)
(77, 2, 171)
(77, 3, 170)
(77, 4, 169)
(77, 5, 168)
(77, 6, 167)
(77, 7, 166)
(77, 8, 165)
(77, 9, 164)
(77, 10, 163)
(77, 11, 162)
(77, 12, 161)
(77, 13, 160)
(77, 14, 159)
(77, 15, 158)
(77, 16, 157)

(77, 17, 156)
(77, 18, 155)
(77, 19, 154)
(77, 20, 153)
(77, 21, 152)
(77, 22, 151)
(77, 23, 150)
(77, 24, 149)
(77, 25, 148)
(77, 26, 147)
(77, 27, 146)
(77, 28, 145)
(77, 29, 144)
(77, 30, 143)
(77, 31, 142)
(77, 32, 141)
(77, 33, 140)
(77, 34, 139)
(77, 35, 138)
(77, 36, 137)
(77, 37, 136)
(77, 38, 135)
(77, 39, 134)
(77, 40, 133)
(77, 41, 132)
(77, 42, 131)
(77, 43, 130)
(77, 44, 129)
(77, 45, 128)
(77, 46, 127)
(77, 47, 126)
(77, 48, 125)
(77, 49, 124)
(77, 50, 123)
(77, 51, 122)
(77, 52, 121)
(77, 53, 120)
(77, 54, 119)
(77, 55, 118)
(77, 56, 117)
(77, 57, 116)
(77, 58, 115)
(77, 59, 114)
(77, 60, 113)
(77, 61, 112)
(77, 62, 111)
(77, 63, 110)
(77, 64, 109)

(77, 65, 108)
(77, 66, 107)
(77, 67, 106)
(77, 68, 105)
(77, 69, 104)
(77, 70, 103)
(77, 71, 102)
(77, 72, 101)
(77, 73, 100)
(77, 74, 99)
(77, 75, 98)
(77, 76, 97)
(77, 77, 96)
(77, 78, 95)
(77, 79, 94)
(77, 80, 93)
(77, 81, 92)
(77, 82, 91)
(77, 83, 90)
(77, 84, 89)
(77, 85, 88)
(77, 86, 87)
(77, 87, 86)
(77, 88, 85)
(77, 89, 84)
(77, 90, 83)
(77, 91, 82)
(77, 92, 81)
(77, 93, 80)
(77, 94, 79)
(77, 95, 78)
(77, 96, 77)
(77, 97, 76)
(77, 98, 75)
(77, 99, 74)
(77, 100, 73)
(77, 101, 72)
(77, 102, 71)
(77, 103, 70)
(77, 104, 69)
(77, 105, 68)
(77, 106, 67)
(77, 107, 66)
(77, 108, 65)
(77, 109, 64)
(77, 110, 63)
(77, 111, 62)
(77, 112, 61)

(77, 113, 60)
(77, 114, 59)
(77, 115, 58)
(77, 116, 57)
(77, 117, 56)
(77, 118, 55)
(77, 119, 54)
(77, 120, 53)
(77, 121, 52)
(77, 122, 51)
(77, 123, 50)
(77, 124, 49)
(77, 125, 48)
(77, 126, 47)
(77, 127, 46)
(77, 128, 45)
(77, 129, 44)
(77, 130, 43)
(77, 131, 42)
(77, 132, 41)
(77, 133, 40)
(77, 134, 39)
(77, 135, 38)
(77, 136, 37)
(77, 137, 36)
(77, 138, 35)
(77, 139, 34)
(77, 140, 33)
(77, 141, 32)
(77, 142, 31)
(77, 143, 30)
(77, 144, 29)
(77, 145, 28)
(77, 146, 27)
(77, 147, 26)
(77, 148, 25)
(77, 149, 24)
(77, 150, 23)
(77, 151, 22)
(77, 152, 21)
(77, 153, 20)
(77, 154, 19)
(77, 155, 18)
(77, 156, 17)
(77, 157, 16)
(77, 158, 15)
(77, 159, 14)
(77, 160, 13)

(77, 161, 12)
(77, 162, 11)
(77, 163, 10)
(77, 164, 9)
(77, 165, 8)
(77, 166, 7)
(77, 167, 6)
(77, 168, 5)
(77, 169, 4)
(77, 170, 3)
(77, 171, 2)
(77, 172, 1)
(77, 173, 0)
(78, 0, 172)
(78, 1, 171)
(78, 2, 170)
(78, 3, 169)
(78, 4, 168)
(78, 5, 167)
(78, 6, 166)
(78, 7, 165)
(78, 8, 164)
(78, 9, 163)
(78, 10, 162)
(78, 11, 161)
(78, 12, 160)
(78, 13, 159)
(78, 14, 158)
(78, 15, 157)
(78, 16, 156)
(78, 17, 155)
(78, 18, 154)
(78, 19, 153)
(78, 20, 152)
(78, 21, 151)
(78, 22, 150)
(78, 23, 149)
(78, 24, 148)
(78, 25, 147)
(78, 26, 146)
(78, 27, 145)
(78, 28, 144)
(78, 29, 143)
(78, 30, 142)
(78, 31, 141)
(78, 32, 140)
(78, 33, 139)
(78, 34, 138)

(78, 35, 137)
(78, 36, 136)
(78, 37, 135)
(78, 38, 134)
(78, 39, 133)
(78, 40, 132)
(78, 41, 131)
(78, 42, 130)
(78, 43, 129)
(78, 44, 128)
(78, 45, 127)
(78, 46, 126)
(78, 47, 125)
(78, 48, 124)
(78, 49, 123)
(78, 50, 122)
(78, 51, 121)
(78, 52, 120)
(78, 53, 119)
(78, 54, 118)
(78, 55, 117)
(78, 56, 116)
(78, 57, 115)
(78, 58, 114)
(78, 59, 113)
(78, 60, 112)
(78, 61, 111)
(78, 62, 110)
(78, 63, 109)
(78, 64, 108)
(78, 65, 107)
(78, 66, 106)
(78, 67, 105)
(78, 68, 104)
(78, 69, 103)
(78, 70, 102)
(78, 71, 101)
(78, 72, 100)
(78, 73, 99)
(78, 74, 98)
(78, 75, 97)
(78, 76, 96)
(78, 77, 95)
(78, 78, 94)
(78, 79, 93)
(78, 80, 92)
(78, 81, 91)
(78, 82, 90)

(78, 83, 89)
(78, 84, 88)
(78, 85, 87)
(78, 86, 86)
(78, 87, 85)
(78, 88, 84)
(78, 89, 83)
(78, 90, 82)
(78, 91, 81)
(78, 92, 80)
(78, 93, 79)
(78, 94, 78)
(78, 95, 77)
(78, 96, 76)
(78, 97, 75)
(78, 98, 74)
(78, 99, 73)
(78, 100, 72)
(78, 101, 71)
(78, 102, 70)
(78, 103, 69)
(78, 104, 68)
(78, 105, 67)
(78, 106, 66)
(78, 107, 65)
(78, 108, 64)
(78, 109, 63)
(78, 110, 62)
(78, 111, 61)
(78, 112, 60)
(78, 113, 59)
(78, 114, 58)
(78, 115, 57)
(78, 116, 56)
(78, 117, 55)
(78, 118, 54)
(78, 119, 53)
(78, 120, 52)
(78, 121, 51)
(78, 122, 50)
(78, 123, 49)
(78, 124, 48)
(78, 125, 47)
(78, 126, 46)
(78, 127, 45)
(78, 128, 44)
(78, 129, 43)
(78, 130, 42)

(78, 131, 41)
(78, 132, 40)
(78, 133, 39)
(78, 134, 38)
(78, 135, 37)
(78, 136, 36)
(78, 137, 35)
(78, 138, 34)
(78, 139, 33)
(78, 140, 32)
(78, 141, 31)
(78, 142, 30)
(78, 143, 29)
(78, 144, 28)
(78, 145, 27)
(78, 146, 26)
(78, 147, 25)
(78, 148, 24)
(78, 149, 23)
(78, 150, 22)
(78, 151, 21)
(78, 152, 20)
(78, 153, 19)
(78, 154, 18)
(78, 155, 17)
(78, 156, 16)
(78, 157, 15)
(78, 158, 14)
(78, 159, 13)
(78, 160, 12)
(78, 161, 11)
(78, 162, 10)
(78, 163, 9)
(78, 164, 8)
(78, 165, 7)
(78, 166, 6)
(78, 167, 5)
(78, 168, 4)
(78, 169, 3)
(78, 170, 2)
(78, 171, 1)
(78, 172, 0)
(79, 0, 171)
(79, 1, 170)
(79, 2, 169)
(79, 3, 168)
(79, 4, 167)
(79, 5, 166)

(79, 6, 165)
(79, 7, 164)
(79, 8, 163)
(79, 9, 162)
(79, 10, 161)
(79, 11, 160)
(79, 12, 159)
(79, 13, 158)
(79, 14, 157)
(79, 15, 156)
(79, 16, 155)
(79, 17, 154)
(79, 18, 153)
(79, 19, 152)
(79, 20, 151)
(79, 21, 150)
(79, 22, 149)
(79, 23, 148)
(79, 24, 147)
(79, 25, 146)
(79, 26, 145)
(79, 27, 144)
(79, 28, 143)
(79, 29, 142)
(79, 30, 141)
(79, 31, 140)
(79, 32, 139)
(79, 33, 138)
(79, 34, 137)
(79, 35, 136)
(79, 36, 135)
(79, 37, 134)
(79, 38, 133)
(79, 39, 132)
(79, 40, 131)
(79, 41, 130)
(79, 42, 129)
(79, 43, 128)
(79, 44, 127)
(79, 45, 126)
(79, 46, 125)
(79, 47, 124)
(79, 48, 123)
(79, 49, 122)
(79, 50, 121)
(79, 51, 120)
(79, 52, 119)
(79, 53, 118)

(79, 54, 117)
(79, 55, 116)
(79, 56, 115)
(79, 57, 114)
(79, 58, 113)
(79, 59, 112)
(79, 60, 111)
(79, 61, 110)
(79, 62, 109)
(79, 63, 108)
(79, 64, 107)
(79, 65, 106)
(79, 66, 105)
(79, 67, 104)
(79, 68, 103)
(79, 69, 102)
(79, 70, 101)
(79, 71, 100)
(79, 72, 99)
(79, 73, 98)
(79, 74, 97)
(79, 75, 96)
(79, 76, 95)
(79, 77, 94)
(79, 78, 93)
(79, 79, 92)
(79, 80, 91)
(79, 81, 90)
(79, 82, 89)
(79, 83, 88)
(79, 84, 87)
(79, 85, 86)
(79, 86, 85)
(79, 87, 84)
(79, 88, 83)
(79, 89, 82)
(79, 90, 81)
(79, 91, 80)
(79, 92, 79)
(79, 93, 78)
(79, 94, 77)
(79, 95, 76)
(79, 96, 75)
(79, 97, 74)
(79, 98, 73)
(79, 99, 72)
(79, 100, 71)
(79, 101, 70)

(79, 102, 69)
(79, 103, 68)
(79, 104, 67)
(79, 105, 66)
(79, 106, 65)
(79, 107, 64)
(79, 108, 63)
(79, 109, 62)
(79, 110, 61)
(79, 111, 60)
(79, 112, 59)
(79, 113, 58)
(79, 114, 57)
(79, 115, 56)
(79, 116, 55)
(79, 117, 54)
(79, 118, 53)
(79, 119, 52)
(79, 120, 51)
(79, 121, 50)
(79, 122, 49)
(79, 123, 48)
(79, 124, 47)
(79, 125, 46)
(79, 126, 45)
(79, 127, 44)
(79, 128, 43)
(79, 129, 42)
(79, 130, 41)
(79, 131, 40)
(79, 132, 39)
(79, 133, 38)
(79, 134, 37)
(79, 135, 36)
(79, 136, 35)
(79, 137, 34)
(79, 138, 33)
(79, 139, 32)
(79, 140, 31)
(79, 141, 30)
(79, 142, 29)
(79, 143, 28)
(79, 144, 27)
(79, 145, 26)
(79, 146, 25)
(79, 147, 24)
(79, 148, 23)
(79, 149, 22)

(79, 150, 21)
(79, 151, 20)
(79, 152, 19)
(79, 153, 18)
(79, 154, 17)
(79, 155, 16)
(79, 156, 15)
(79, 157, 14)
(79, 158, 13)
(79, 159, 12)
(79, 160, 11)
(79, 161, 10)
(79, 162, 9)
(79, 163, 8)
(79, 164, 7)
(79, 165, 6)
(79, 166, 5)
(79, 167, 4)
(79, 168, 3)
(79, 169, 2)
(79, 170, 1)
(79, 171, 0)
(80, 0, 170)
(80, 1, 169)
(80, 2, 168)
(80, 3, 167)
(80, 4, 166)
(80, 5, 165)
(80, 6, 164)
(80, 7, 163)
(80, 8, 162)
(80, 9, 161)
(80, 10, 160)
(80, 11, 159)
(80, 12, 158)
(80, 13, 157)
(80, 14, 156)
(80, 15, 155)
(80, 16, 154)
(80, 17, 153)
(80, 18, 152)
(80, 19, 151)
(80, 20, 150)
(80, 21, 149)
(80, 22, 148)
(80, 23, 147)
(80, 24, 146)
(80, 25, 145)

(80, 26, 144)
(80, 27, 143)
(80, 28, 142)
(80, 29, 141)
(80, 30, 140)
(80, 31, 139)
(80, 32, 138)
(80, 33, 137)
(80, 34, 136)
(80, 35, 135)
(80, 36, 134)
(80, 37, 133)
(80, 38, 132)
(80, 39, 131)
(80, 40, 130)
(80, 41, 129)
(80, 42, 128)
(80, 43, 127)
(80, 44, 126)
(80, 45, 125)
(80, 46, 124)
(80, 47, 123)
(80, 48, 122)
(80, 49, 121)
(80, 50, 120)
(80, 51, 119)
(80, 52, 118)
(80, 53, 117)
(80, 54, 116)
(80, 55, 115)
(80, 56, 114)
(80, 57, 113)
(80, 58, 112)
(80, 59, 111)
(80, 60, 110)
(80, 61, 109)
(80, 62, 108)
(80, 63, 107)
(80, 64, 106)
(80, 65, 105)
(80, 66, 104)
(80, 67, 103)
(80, 68, 102)
(80, 69, 101)
(80, 70, 100)
(80, 71, 99)
(80, 72, 98)
(80, 73, 97)

(80, 74, 96)
(80, 75, 95)
(80, 76, 94)
(80, 77, 93)
(80, 78, 92)
(80, 79, 91)
(80, 80, 90)
(80, 81, 89)
(80, 82, 88)
(80, 83, 87)
(80, 84, 86)
(80, 85, 85)
(80, 86, 84)
(80, 87, 83)
(80, 88, 82)
(80, 89, 81)
(80, 90, 80)
(80, 91, 79)
(80, 92, 78)
(80, 93, 77)
(80, 94, 76)
(80, 95, 75)
(80, 96, 74)
(80, 97, 73)
(80, 98, 72)
(80, 99, 71)
(80, 100, 70)
(80, 101, 69)
(80, 102, 68)
(80, 103, 67)
(80, 104, 66)
(80, 105, 65)
(80, 106, 64)
(80, 107, 63)
(80, 108, 62)
(80, 109, 61)
(80, 110, 60)
(80, 111, 59)
(80, 112, 58)
(80, 113, 57)
(80, 114, 56)
(80, 115, 55)
(80, 116, 54)
(80, 117, 53)
(80, 118, 52)
(80, 119, 51)
(80, 120, 50)
(80, 121, 49)

(80, 122, 48)
(80, 123, 47)
(80, 124, 46)
(80, 125, 45)
(80, 126, 44)
(80, 127, 43)
(80, 128, 42)
(80, 129, 41)
(80, 130, 40)
(80, 131, 39)
(80, 132, 38)
(80, 133, 37)
(80, 134, 36)
(80, 135, 35)
(80, 136, 34)
(80, 137, 33)
(80, 138, 32)
(80, 139, 31)
(80, 140, 30)
(80, 141, 29)
(80, 142, 28)
(80, 143, 27)
(80, 144, 26)
(80, 145, 25)
(80, 146, 24)
(80, 147, 23)
(80, 148, 22)
(80, 149, 21)
(80, 150, 20)
(80, 151, 19)
(80, 152, 18)
(80, 153, 17)
(80, 154, 16)
(80, 155, 15)
(80, 156, 14)
(80, 157, 13)
(80, 158, 12)
(80, 159, 11)
(80, 160, 10)
(80, 161, 9)
(80, 162, 8)
(80, 163, 7)
(80, 164, 6)
(80, 165, 5)
(80, 166, 4)
(80, 167, 3)
(80, 168, 2)
(80, 169, 1)

(80, 170, 0)
(81, 0, 169)
(81, 1, 168)
(81, 2, 167)
(81, 3, 166)
(81, 4, 165)
(81, 5, 164)
(81, 6, 163)
(81, 7, 162)
(81, 8, 161)
(81, 9, 160)
(81, 10, 159)
(81, 11, 158)
(81, 12, 157)
(81, 13, 156)
(81, 14, 155)
(81, 15, 154)
(81, 16, 153)
(81, 17, 152)
(81, 18, 151)
(81, 19, 150)
(81, 20, 149)
(81, 21, 148)
(81, 22, 147)
(81, 23, 146)
(81, 24, 145)
(81, 25, 144)
(81, 26, 143)
(81, 27, 142)
(81, 28, 141)
(81, 29, 140)
(81, 30, 139)
(81, 31, 138)
(81, 32, 137)
(81, 33, 136)
(81, 34, 135)
(81, 35, 134)
(81, 36, 133)
(81, 37, 132)
(81, 38, 131)
(81, 39, 130)
(81, 40, 129)
(81, 41, 128)
(81, 42, 127)
(81, 43, 126)
(81, 44, 125)
(81, 45, 124)
(81, 46, 123)

(81, 47, 122)
(81, 48, 121)
(81, 49, 120)
(81, 50, 119)
(81, 51, 118)
(81, 52, 117)
(81, 53, 116)
(81, 54, 115)
(81, 55, 114)
(81, 56, 113)
(81, 57, 112)
(81, 58, 111)
(81, 59, 110)
(81, 60, 109)
(81, 61, 108)
(81, 62, 107)
(81, 63, 106)
(81, 64, 105)
(81, 65, 104)
(81, 66, 103)
(81, 67, 102)
(81, 68, 101)
(81, 69, 100)
(81, 70, 99)
(81, 71, 98)
(81, 72, 97)
(81, 73, 96)
(81, 74, 95)
(81, 75, 94)
(81, 76, 93)
(81, 77, 92)
(81, 78, 91)
(81, 79, 90)
(81, 80, 89)
(81, 81, 88)
(81, 82, 87)
(81, 83, 86)
(81, 84, 85)
(81, 85, 84)
(81, 86, 83)
(81, 87, 82)
(81, 88, 81)
(81, 89, 80)
(81, 90, 79)
(81, 91, 78)
(81, 92, 77)
(81, 93, 76)
(81, 94, 75)

(81, 95, 74)
(81, 96, 73)
(81, 97, 72)
(81, 98, 71)
(81, 99, 70)
(81, 100, 69)
(81, 101, 68)
(81, 102, 67)
(81, 103, 66)
(81, 104, 65)
(81, 105, 64)
(81, 106, 63)
(81, 107, 62)
(81, 108, 61)
(81, 109, 60)
(81, 110, 59)
(81, 111, 58)
(81, 112, 57)
(81, 113, 56)
(81, 114, 55)
(81, 115, 54)
(81, 116, 53)
(81, 117, 52)
(81, 118, 51)
(81, 119, 50)
(81, 120, 49)
(81, 121, 48)
(81, 122, 47)
(81, 123, 46)
(81, 124, 45)
(81, 125, 44)
(81, 126, 43)
(81, 127, 42)
(81, 128, 41)
(81, 129, 40)
(81, 130, 39)
(81, 131, 38)
(81, 132, 37)
(81, 133, 36)
(81, 134, 35)
(81, 135, 34)
(81, 136, 33)
(81, 137, 32)
(81, 138, 31)
(81, 139, 30)
(81, 140, 29)
(81, 141, 28)
(81, 142, 27)

(81, 143, 26)
(81, 144, 25)
(81, 145, 24)
(81, 146, 23)
(81, 147, 22)
(81, 148, 21)
(81, 149, 20)
(81, 150, 19)
(81, 151, 18)
(81, 152, 17)
(81, 153, 16)
(81, 154, 15)
(81, 155, 14)
(81, 156, 13)
(81, 157, 12)
(81, 158, 11)
(81, 159, 10)
(81, 160, 9)
(81, 161, 8)
(81, 162, 7)
(81, 163, 6)
(81, 164, 5)
(81, 165, 4)
(81, 166, 3)
(81, 167, 2)
(81, 168, 1)
(81, 169, 0)
(82, 0, 168)
(82, 1, 167)
(82, 2, 166)
(82, 3, 165)
(82, 4, 164)
(82, 5, 163)
(82, 6, 162)
(82, 7, 161)
(82, 8, 160)
(82, 9, 159)
(82, 10, 158)
(82, 11, 157)
(82, 12, 156)
(82, 13, 155)
(82, 14, 154)
(82, 15, 153)
(82, 16, 152)
(82, 17, 151)
(82, 18, 150)
(82, 19, 149)
(82, 20, 148)

(82, 21, 147)
(82, 22, 146)
(82, 23, 145)
(82, 24, 144)
(82, 25, 143)
(82, 26, 142)
(82, 27, 141)
(82, 28, 140)
(82, 29, 139)
(82, 30, 138)
(82, 31, 137)
(82, 32, 136)
(82, 33, 135)
(82, 34, 134)
(82, 35, 133)
(82, 36, 132)
(82, 37, 131)
(82, 38, 130)
(82, 39, 129)
(82, 40, 128)
(82, 41, 127)
(82, 42, 126)
(82, 43, 125)
(82, 44, 124)
(82, 45, 123)
(82, 46, 122)
(82, 47, 121)
(82, 48, 120)
(82, 49, 119)
(82, 50, 118)
(82, 51, 117)
(82, 52, 116)
(82, 53, 115)
(82, 54, 114)
(82, 55, 113)
(82, 56, 112)
(82, 57, 111)
(82, 58, 110)
(82, 59, 109)
(82, 60, 108)
(82, 61, 107)
(82, 62, 106)
(82, 63, 105)
(82, 64, 104)
(82, 65, 103)
(82, 66, 102)
(82, 67, 101)
(82, 68, 100)

(82, 69, 99)
(82, 70, 98)
(82, 71, 97)
(82, 72, 96)
(82, 73, 95)
(82, 74, 94)
(82, 75, 93)
(82, 76, 92)
(82, 77, 91)
(82, 78, 90)
(82, 79, 89)
(82, 80, 88)
(82, 81, 87)
(82, 82, 86)
(82, 83, 85)
(82, 84, 84)
(82, 85, 83)
(82, 86, 82)
(82, 87, 81)
(82, 88, 80)
(82, 89, 79)
(82, 90, 78)
(82, 91, 77)
(82, 92, 76)
(82, 93, 75)
(82, 94, 74)
(82, 95, 73)
(82, 96, 72)
(82, 97, 71)
(82, 98, 70)
(82, 99, 69)
(82, 100, 68)
(82, 101, 67)
(82, 102, 66)
(82, 103, 65)
(82, 104, 64)
(82, 105, 63)
(82, 106, 62)
(82, 107, 61)
(82, 108, 60)
(82, 109, 59)
(82, 110, 58)
(82, 111, 57)
(82, 112, 56)
(82, 113, 55)
(82, 114, 54)
(82, 115, 53)
(82, 116, 52)

(82, 117, 51)
(82, 118, 50)
(82, 119, 49)
(82, 120, 48)
(82, 121, 47)
(82, 122, 46)
(82, 123, 45)
(82, 124, 44)
(82, 125, 43)
(82, 126, 42)
(82, 127, 41)
(82, 128, 40)
(82, 129, 39)
(82, 130, 38)
(82, 131, 37)
(82, 132, 36)
(82, 133, 35)
(82, 134, 34)
(82, 135, 33)
(82, 136, 32)
(82, 137, 31)
(82, 138, 30)
(82, 139, 29)
(82, 140, 28)
(82, 141, 27)
(82, 142, 26)
(82, 143, 25)
(82, 144, 24)
(82, 145, 23)
(82, 146, 22)
(82, 147, 21)
(82, 148, 20)
(82, 149, 19)
(82, 150, 18)
(82, 151, 17)
(82, 152, 16)
(82, 153, 15)
(82, 154, 14)
(82, 155, 13)
(82, 156, 12)
(82, 157, 11)
(82, 158, 10)
(82, 159, 9)
(82, 160, 8)
(82, 161, 7)
(82, 162, 6)
(82, 163, 5)
(82, 164, 4)

(82, 165, 3)
(82, 166, 2)
(82, 167, 1)
(82, 168, 0)
(83, 0, 167)
(83, 1, 166)
(83, 2, 165)
(83, 3, 164)
(83, 4, 163)
(83, 5, 162)
(83, 6, 161)
(83, 7, 160)
(83, 8, 159)
(83, 9, 158)
(83, 10, 157)
(83, 11, 156)
(83, 12, 155)
(83, 13, 154)
(83, 14, 153)
(83, 15, 152)
(83, 16, 151)
(83, 17, 150)
(83, 18, 149)
(83, 19, 148)
(83, 20, 147)
(83, 21, 146)
(83, 22, 145)
(83, 23, 144)
(83, 24, 143)
(83, 25, 142)
(83, 26, 141)
(83, 27, 140)
(83, 28, 139)
(83, 29, 138)
(83, 30, 137)
(83, 31, 136)
(83, 32, 135)
(83, 33, 134)
(83, 34, 133)
(83, 35, 132)
(83, 36, 131)
(83, 37, 130)
(83, 38, 129)
(83, 39, 128)
(83, 40, 127)
(83, 41, 126)
(83, 42, 125)
(83, 43, 124)

(83, 44, 123)
(83, 45, 122)
(83, 46, 121)
(83, 47, 120)
(83, 48, 119)
(83, 49, 118)
(83, 50, 117)
(83, 51, 116)
(83, 52, 115)
(83, 53, 114)
(83, 54, 113)
(83, 55, 112)
(83, 56, 111)
(83, 57, 110)
(83, 58, 109)
(83, 59, 108)
(83, 60, 107)
(83, 61, 106)
(83, 62, 105)
(83, 63, 104)
(83, 64, 103)
(83, 65, 102)
(83, 66, 101)
(83, 67, 100)
(83, 68, 99)
(83, 69, 98)
(83, 70, 97)
(83, 71, 96)
(83, 72, 95)
(83, 73, 94)
(83, 74, 93)
(83, 75, 92)
(83, 76, 91)
(83, 77, 90)
(83, 78, 89)
(83, 79, 88)
(83, 80, 87)
(83, 81, 86)
(83, 82, 85)
(83, 83, 84)
(83, 84, 83)
(83, 85, 82)
(83, 86, 81)
(83, 87, 80)
(83, 88, 79)
(83, 89, 78)
(83, 90, 77)
(83, 91, 76)

(83, 92, 75)
(83, 93, 74)
(83, 94, 73)
(83, 95, 72)
(83, 96, 71)
(83, 97, 70)
(83, 98, 69)
(83, 99, 68)
(83, 100, 67)
(83, 101, 66)
(83, 102, 65)
(83, 103, 64)
(83, 104, 63)
(83, 105, 62)
(83, 106, 61)
(83, 107, 60)
(83, 108, 59)
(83, 109, 58)
(83, 110, 57)
(83, 111, 56)
(83, 112, 55)
(83, 113, 54)
(83, 114, 53)
(83, 115, 52)
(83, 116, 51)
(83, 117, 50)
(83, 118, 49)
(83, 119, 48)
(83, 120, 47)
(83, 121, 46)
(83, 122, 45)
(83, 123, 44)
(83, 124, 43)
(83, 125, 42)
(83, 126, 41)
(83, 127, 40)
(83, 128, 39)
(83, 129, 38)
(83, 130, 37)
(83, 131, 36)
(83, 132, 35)
(83, 133, 34)
(83, 134, 33)
(83, 135, 32)
(83, 136, 31)
(83, 137, 30)
(83, 138, 29)
(83, 139, 28)

(83, 140, 27)
(83, 141, 26)
(83, 142, 25)
(83, 143, 24)
(83, 144, 23)
(83, 145, 22)
(83, 146, 21)
(83, 147, 20)
(83, 148, 19)
(83, 149, 18)
(83, 150, 17)
(83, 151, 16)
(83, 152, 15)
(83, 153, 14)
(83, 154, 13)
(83, 155, 12)
(83, 156, 11)
(83, 157, 10)
(83, 158, 9)
(83, 159, 8)
(83, 160, 7)
(83, 161, 6)
(83, 162, 5)
(83, 163, 4)
(83, 164, 3)
(83, 165, 2)
(83, 166, 1)
(83, 167, 0)
(84, 0, 166)
(84, 1, 165)
(84, 2, 164)
(84, 3, 163)
(84, 4, 162)
(84, 5, 161)
(84, 6, 160)
(84, 7, 159)
(84, 8, 158)
(84, 9, 157)
(84, 10, 156)
(84, 11, 155)
(84, 12, 154)
(84, 13, 153)
(84, 14, 152)
(84, 15, 151)
(84, 16, 150)
(84, 17, 149)
(84, 18, 148)
(84, 19, 147)

(84, 20, 146)
(84, 21, 145)
(84, 22, 144)
(84, 23, 143)
(84, 24, 142)
(84, 25, 141)
(84, 26, 140)
(84, 27, 139)
(84, 28, 138)
(84, 29, 137)
(84, 30, 136)
(84, 31, 135)
(84, 32, 134)
(84, 33, 133)
(84, 34, 132)
(84, 35, 131)
(84, 36, 130)
(84, 37, 129)
(84, 38, 128)
(84, 39, 127)
(84, 40, 126)
(84, 41, 125)
(84, 42, 124)
(84, 43, 123)
(84, 44, 122)
(84, 45, 121)
(84, 46, 120)
(84, 47, 119)
(84, 48, 118)
(84, 49, 117)
(84, 50, 116)
(84, 51, 115)
(84, 52, 114)
(84, 53, 113)
(84, 54, 112)
(84, 55, 111)
(84, 56, 110)
(84, 57, 109)
(84, 58, 108)
(84, 59, 107)
(84, 60, 106)
(84, 61, 105)
(84, 62, 104)
(84, 63, 103)
(84, 64, 102)
(84, 65, 101)
(84, 66, 100)
(84, 67, 99)

(84, 68, 98)
(84, 69, 97)
(84, 70, 96)
(84, 71, 95)
(84, 72, 94)
(84, 73, 93)
(84, 74, 92)
(84, 75, 91)
(84, 76, 90)
(84, 77, 89)
(84, 78, 88)
(84, 79, 87)
(84, 80, 86)
(84, 81, 85)
(84, 82, 84)
(84, 83, 83)
(84, 84, 82)
(84, 85, 81)
(84, 86, 80)
(84, 87, 79)
(84, 88, 78)
(84, 89, 77)
(84, 90, 76)
(84, 91, 75)
(84, 92, 74)
(84, 93, 73)
(84, 94, 72)
(84, 95, 71)
(84, 96, 70)
(84, 97, 69)
(84, 98, 68)
(84, 99, 67)
(84, 100, 66)
(84, 101, 65)
(84, 102, 64)
(84, 103, 63)
(84, 104, 62)
(84, 105, 61)
(84, 106, 60)
(84, 107, 59)
(84, 108, 58)
(84, 109, 57)
(84, 110, 56)
(84, 111, 55)
(84, 112, 54)
(84, 113, 53)
(84, 114, 52)
(84, 115, 51)

(84, 116, 50)
(84, 117, 49)
(84, 118, 48)
(84, 119, 47)
(84, 120, 46)
(84, 121, 45)
(84, 122, 44)
(84, 123, 43)
(84, 124, 42)
(84, 125, 41)
(84, 126, 40)
(84, 127, 39)
(84, 128, 38)
(84, 129, 37)
(84, 130, 36)
(84, 131, 35)
(84, 132, 34)
(84, 133, 33)
(84, 134, 32)
(84, 135, 31)
(84, 136, 30)
(84, 137, 29)
(84, 138, 28)
(84, 139, 27)
(84, 140, 26)
(84, 141, 25)
(84, 142, 24)
(84, 143, 23)
(84, 144, 22)
(84, 145, 21)
(84, 146, 20)
(84, 147, 19)
(84, 148, 18)
(84, 149, 17)
(84, 150, 16)
(84, 151, 15)
(84, 152, 14)
(84, 153, 13)
(84, 154, 12)
(84, 155, 11)
(84, 156, 10)
(84, 157, 9)
(84, 158, 8)
(84, 159, 7)
(84, 160, 6)
(84, 161, 5)
(84, 162, 4)
(84, 163, 3)

(84, 164, 2)
(84, 165, 1)
(84, 166, 0)
(85, 0, 165)
(85, 1, 164)
(85, 2, 163)
(85, 3, 162)
(85, 4, 161)
(85, 5, 160)
(85, 6, 159)
(85, 7, 158)
(85, 8, 157)
(85, 9, 156)
(85, 10, 155)
(85, 11, 154)
(85, 12, 153)
(85, 13, 152)
(85, 14, 151)
(85, 15, 150)
(85, 16, 149)
(85, 17, 148)
(85, 18, 147)
(85, 19, 146)
(85, 20, 145)
(85, 21, 144)
(85, 22, 143)
(85, 23, 142)
(85, 24, 141)
(85, 25, 140)
(85, 26, 139)
(85, 27, 138)
(85, 28, 137)
(85, 29, 136)
(85, 30, 135)
(85, 31, 134)
(85, 32, 133)
(85, 33, 132)
(85, 34, 131)
(85, 35, 130)
(85, 36, 129)
(85, 37, 128)
(85, 38, 127)
(85, 39, 126)
(85, 40, 125)
(85, 41, 124)
(85, 42, 123)
(85, 43, 122)
(85, 44, 121)

(85, 45, 120)
(85, 46, 119)
(85, 47, 118)
(85, 48, 117)
(85, 49, 116)
(85, 50, 115)
(85, 51, 114)
(85, 52, 113)
(85, 53, 112)
(85, 54, 111)
(85, 55, 110)
(85, 56, 109)
(85, 57, 108)
(85, 58, 107)
(85, 59, 106)
(85, 60, 105)
(85, 61, 104)
(85, 62, 103)
(85, 63, 102)
(85, 64, 101)
(85, 65, 100)
(85, 66, 99)
(85, 67, 98)
(85, 68, 97)
(85, 69, 96)
(85, 70, 95)
(85, 71, 94)
(85, 72, 93)
(85, 73, 92)
(85, 74, 91)
(85, 75, 90)
(85, 76, 89)
(85, 77, 88)
(85, 78, 87)
(85, 79, 86)
(85, 80, 85)
(85, 81, 84)
(85, 82, 83)
(85, 83, 82)
(85, 84, 81)
(85, 85, 80)
(85, 86, 79)
(85, 87, 78)
(85, 88, 77)
(85, 89, 76)
(85, 90, 75)
(85, 91, 74)
(85, 92, 73)

(85, 93, 72)
(85, 94, 71)
(85, 95, 70)
(85, 96, 69)
(85, 97, 68)
(85, 98, 67)
(85, 99, 66)
(85, 100, 65)
(85, 101, 64)
(85, 102, 63)
(85, 103, 62)
(85, 104, 61)
(85, 105, 60)
(85, 106, 59)
(85, 107, 58)
(85, 108, 57)
(85, 109, 56)
(85, 110, 55)
(85, 111, 54)
(85, 112, 53)
(85, 113, 52)
(85, 114, 51)
(85, 115, 50)
(85, 116, 49)
(85, 117, 48)
(85, 118, 47)
(85, 119, 46)
(85, 120, 45)
(85, 121, 44)
(85, 122, 43)
(85, 123, 42)
(85, 124, 41)
(85, 125, 40)
(85, 126, 39)
(85, 127, 38)
(85, 128, 37)
(85, 129, 36)
(85, 130, 35)
(85, 131, 34)
(85, 132, 33)
(85, 133, 32)
(85, 134, 31)
(85, 135, 30)
(85, 136, 29)
(85, 137, 28)
(85, 138, 27)
(85, 139, 26)
(85, 140, 25)

(85, 141, 24)
(85, 142, 23)
(85, 143, 22)
(85, 144, 21)
(85, 145, 20)
(85, 146, 19)
(85, 147, 18)
(85, 148, 17)
(85, 149, 16)
(85, 150, 15)
(85, 151, 14)
(85, 152, 13)
(85, 153, 12)
(85, 154, 11)
(85, 155, 10)
(85, 156, 9)
(85, 157, 8)
(85, 158, 7)
(85, 159, 6)
(85, 160, 5)
(85, 161, 4)
(85, 162, 3)
(85, 163, 2)
(85, 164, 1)
(85, 165, 0)
(86, 0, 164)
(86, 1, 163)
(86, 2, 162)
(86, 3, 161)
(86, 4, 160)
(86, 5, 159)
(86, 6, 158)
(86, 7, 157)
(86, 8, 156)
(86, 9, 155)
(86, 10, 154)
(86, 11, 153)
(86, 12, 152)
(86, 13, 151)
(86, 14, 150)
(86, 15, 149)
(86, 16, 148)
(86, 17, 147)
(86, 18, 146)
(86, 19, 145)
(86, 20, 144)
(86, 21, 143)
(86, 22, 142)

(86, 23, 141)
(86, 24, 140)
(86, 25, 139)
(86, 26, 138)
(86, 27, 137)
(86, 28, 136)
(86, 29, 135)
(86, 30, 134)
(86, 31, 133)
(86, 32, 132)
(86, 33, 131)
(86, 34, 130)
(86, 35, 129)
(86, 36, 128)
(86, 37, 127)
(86, 38, 126)
(86, 39, 125)
(86, 40, 124)
(86, 41, 123)
(86, 42, 122)
(86, 43, 121)
(86, 44, 120)
(86, 45, 119)
(86, 46, 118)
(86, 47, 117)
(86, 48, 116)
(86, 49, 115)
(86, 50, 114)
(86, 51, 113)
(86, 52, 112)
(86, 53, 111)
(86, 54, 110)
(86, 55, 109)
(86, 56, 108)
(86, 57, 107)
(86, 58, 106)
(86, 59, 105)
(86, 60, 104)
(86, 61, 103)
(86, 62, 102)
(86, 63, 101)
(86, 64, 100)
(86, 65, 99)
(86, 66, 98)
(86, 67, 97)
(86, 68, 96)
(86, 69, 95)
(86, 70, 94)

(86, 71, 93)
(86, 72, 92)
(86, 73, 91)
(86, 74, 90)
(86, 75, 89)
(86, 76, 88)
(86, 77, 87)
(86, 78, 86)
(86, 79, 85)
(86, 80, 84)
(86, 81, 83)
(86, 82, 82)
(86, 83, 81)
(86, 84, 80)
(86, 85, 79)
(86, 86, 78)
(86, 87, 77)
(86, 88, 76)
(86, 89, 75)
(86, 90, 74)
(86, 91, 73)
(86, 92, 72)
(86, 93, 71)
(86, 94, 70)
(86, 95, 69)
(86, 96, 68)
(86, 97, 67)
(86, 98, 66)
(86, 99, 65)
(86, 100, 64)
(86, 101, 63)
(86, 102, 62)
(86, 103, 61)
(86, 104, 60)
(86, 105, 59)
(86, 106, 58)
(86, 107, 57)
(86, 108, 56)
(86, 109, 55)
(86, 110, 54)
(86, 111, 53)
(86, 112, 52)
(86, 113, 51)
(86, 114, 50)
(86, 115, 49)
(86, 116, 48)
(86, 117, 47)
(86, 118, 46)

(86, 119, 45)
(86, 120, 44)
(86, 121, 43)
(86, 122, 42)
(86, 123, 41)
(86, 124, 40)
(86, 125, 39)
(86, 126, 38)
(86, 127, 37)
(86, 128, 36)
(86, 129, 35)
(86, 130, 34)
(86, 131, 33)
(86, 132, 32)
(86, 133, 31)
(86, 134, 30)
(86, 135, 29)
(86, 136, 28)
(86, 137, 27)
(86, 138, 26)
(86, 139, 25)
(86, 140, 24)
(86, 141, 23)
(86, 142, 22)
(86, 143, 21)
(86, 144, 20)
(86, 145, 19)
(86, 146, 18)
(86, 147, 17)
(86, 148, 16)
(86, 149, 15)
(86, 150, 14)
(86, 151, 13)
(86, 152, 12)
(86, 153, 11)
(86, 154, 10)
(86, 155, 9)
(86, 156, 8)
(86, 157, 7)
(86, 158, 6)
(86, 159, 5)
(86, 160, 4)
(86, 161, 3)
(86, 162, 2)
(86, 163, 1)
(86, 164, 0)
(87, 0, 163)
(87, 1, 162)

(87, 2, 161)
(87, 3, 160)
(87, 4, 159)
(87, 5, 158)
(87, 6, 157)
(87, 7, 156)
(87, 8, 155)
(87, 9, 154)
(87, 10, 153)
(87, 11, 152)
(87, 12, 151)
(87, 13, 150)
(87, 14, 149)
(87, 15, 148)
(87, 16, 147)
(87, 17, 146)
(87, 18, 145)
(87, 19, 144)
(87, 20, 143)
(87, 21, 142)
(87, 22, 141)
(87, 23, 140)
(87, 24, 139)
(87, 25, 138)
(87, 26, 137)
(87, 27, 136)
(87, 28, 135)
(87, 29, 134)
(87, 30, 133)
(87, 31, 132)
(87, 32, 131)
(87, 33, 130)
(87, 34, 129)
(87, 35, 128)
(87, 36, 127)
(87, 37, 126)
(87, 38, 125)
(87, 39, 124)
(87, 40, 123)
(87, 41, 122)
(87, 42, 121)
(87, 43, 120)
(87, 44, 119)
(87, 45, 118)
(87, 46, 117)
(87, 47, 116)
(87, 48, 115)
(87, 49, 114)

(87, 50, 113)
(87, 51, 112)
(87, 52, 111)
(87, 53, 110)
(87, 54, 109)
(87, 55, 108)
(87, 56, 107)
(87, 57, 106)
(87, 58, 105)
(87, 59, 104)
(87, 60, 103)
(87, 61, 102)
(87, 62, 101)
(87, 63, 100)
(87, 64, 99)
(87, 65, 98)
(87, 66, 97)
(87, 67, 96)
(87, 68, 95)
(87, 69, 94)
(87, 70, 93)
(87, 71, 92)
(87, 72, 91)
(87, 73, 90)
(87, 74, 89)
(87, 75, 88)
(87, 76, 87)
(87, 77, 86)
(87, 78, 85)
(87, 79, 84)
(87, 80, 83)
(87, 81, 82)
(87, 82, 81)
(87, 83, 80)
(87, 84, 79)
(87, 85, 78)
(87, 86, 77)
(87, 87, 76)
(87, 88, 75)
(87, 89, 74)
(87, 90, 73)
(87, 91, 72)
(87, 92, 71)
(87, 93, 70)
(87, 94, 69)
(87, 95, 68)
(87, 96, 67)
(87, 97, 66)

(87, 98, 65)
(87, 99, 64)
(87, 100, 63)
(87, 101, 62)
(87, 102, 61)
(87, 103, 60)
(87, 104, 59)
(87, 105, 58)
(87, 106, 57)
(87, 107, 56)
(87, 108, 55)
(87, 109, 54)
(87, 110, 53)
(87, 111, 52)
(87, 112, 51)
(87, 113, 50)
(87, 114, 49)
(87, 115, 48)
(87, 116, 47)
(87, 117, 46)
(87, 118, 45)
(87, 119, 44)
(87, 120, 43)
(87, 121, 42)
(87, 122, 41)
(87, 123, 40)
(87, 124, 39)
(87, 125, 38)
(87, 126, 37)
(87, 127, 36)
(87, 128, 35)
(87, 129, 34)
(87, 130, 33)
(87, 131, 32)
(87, 132, 31)
(87, 133, 30)
(87, 134, 29)
(87, 135, 28)
(87, 136, 27)
(87, 137, 26)
(87, 138, 25)
(87, 139, 24)
(87, 140, 23)
(87, 141, 22)
(87, 142, 21)
(87, 143, 20)
(87, 144, 19)
(87, 145, 18)

(87, 146, 17)
(87, 147, 16)
(87, 148, 15)
(87, 149, 14)
(87, 150, 13)
(87, 151, 12)
(87, 152, 11)
(87, 153, 10)
(87, 154, 9)
(87, 155, 8)
(87, 156, 7)
(87, 157, 6)
(87, 158, 5)
(87, 159, 4)
(87, 160, 3)
(87, 161, 2)
(87, 162, 1)
(87, 163, 0)
(88, 0, 162)
(88, 1, 161)
(88, 2, 160)
(88, 3, 159)
(88, 4, 158)
(88, 5, 157)
(88, 6, 156)
(88, 7, 155)
(88, 8, 154)
(88, 9, 153)
(88, 10, 152)
(88, 11, 151)
(88, 12, 150)
(88, 13, 149)
(88, 14, 148)
(88, 15, 147)
(88, 16, 146)
(88, 17, 145)
(88, 18, 144)
(88, 19, 143)
(88, 20, 142)
(88, 21, 141)
(88, 22, 140)
(88, 23, 139)
(88, 24, 138)
(88, 25, 137)
(88, 26, 136)
(88, 27, 135)
(88, 28, 134)
(88, 29, 133)

(88, 30, 132)
(88, 31, 131)
(88, 32, 130)
(88, 33, 129)
(88, 34, 128)
(88, 35, 127)
(88, 36, 126)
(88, 37, 125)
(88, 38, 124)
(88, 39, 123)
(88, 40, 122)
(88, 41, 121)
(88, 42, 120)
(88, 43, 119)
(88, 44, 118)
(88, 45, 117)
(88, 46, 116)
(88, 47, 115)
(88, 48, 114)
(88, 49, 113)
(88, 50, 112)
(88, 51, 111)
(88, 52, 110)
(88, 53, 109)
(88, 54, 108)
(88, 55, 107)
(88, 56, 106)
(88, 57, 105)
(88, 58, 104)
(88, 59, 103)
(88, 60, 102)
(88, 61, 101)
(88, 62, 100)
(88, 63, 99)
(88, 64, 98)
(88, 65, 97)
(88, 66, 96)
(88, 67, 95)
(88, 68, 94)
(88, 69, 93)
(88, 70, 92)
(88, 71, 91)
(88, 72, 90)
(88, 73, 89)
(88, 74, 88)
(88, 75, 87)
(88, 76, 86)
(88, 77, 85)

(88, 78, 84)
(88, 79, 83)
(88, 80, 82)
(88, 81, 81)
(88, 82, 80)
(88, 83, 79)
(88, 84, 78)
(88, 85, 77)
(88, 86, 76)
(88, 87, 75)
(88, 88, 74)
(88, 89, 73)
(88, 90, 72)
(88, 91, 71)
(88, 92, 70)
(88, 93, 69)
(88, 94, 68)
(88, 95, 67)
(88, 96, 66)
(88, 97, 65)
(88, 98, 64)
(88, 99, 63)
(88, 100, 62)
(88, 101, 61)
(88, 102, 60)
(88, 103, 59)
(88, 104, 58)
(88, 105, 57)
(88, 106, 56)
(88, 107, 55)
(88, 108, 54)
(88, 109, 53)
(88, 110, 52)
(88, 111, 51)
(88, 112, 50)
(88, 113, 49)
(88, 114, 48)
(88, 115, 47)
(88, 116, 46)
(88, 117, 45)
(88, 118, 44)
(88, 119, 43)
(88, 120, 42)
(88, 121, 41)
(88, 122, 40)
(88, 123, 39)
(88, 124, 38)
(88, 125, 37)

(88, 126, 36)
(88, 127, 35)
(88, 128, 34)
(88, 129, 33)
(88, 130, 32)
(88, 131, 31)
(88, 132, 30)
(88, 133, 29)
(88, 134, 28)
(88, 135, 27)
(88, 136, 26)
(88, 137, 25)
(88, 138, 24)
(88, 139, 23)
(88, 140, 22)
(88, 141, 21)
(88, 142, 20)
(88, 143, 19)
(88, 144, 18)
(88, 145, 17)
(88, 146, 16)
(88, 147, 15)
(88, 148, 14)
(88, 149, 13)
(88, 150, 12)
(88, 151, 11)
(88, 152, 10)
(88, 153, 9)
(88, 154, 8)
(88, 155, 7)
(88, 156, 6)
(88, 157, 5)
(88, 158, 4)
(88, 159, 3)
(88, 160, 2)
(88, 161, 1)
(88, 162, 0)
(89, 0, 161)
(89, 1, 160)
(89, 2, 159)
(89, 3, 158)
(89, 4, 157)
(89, 5, 156)
(89, 6, 155)
(89, 7, 154)
(89, 8, 153)
(89, 9, 152)
(89, 10, 151)

(89, 11, 150)
(89, 12, 149)
(89, 13, 148)
(89, 14, 147)
(89, 15, 146)
(89, 16, 145)
(89, 17, 144)
(89, 18, 143)
(89, 19, 142)
(89, 20, 141)
(89, 21, 140)
(89, 22, 139)
(89, 23, 138)
(89, 24, 137)
(89, 25, 136)
(89, 26, 135)
(89, 27, 134)
(89, 28, 133)
(89, 29, 132)
(89, 30, 131)
(89, 31, 130)
(89, 32, 129)
(89, 33, 128)
(89, 34, 127)
(89, 35, 126)
(89, 36, 125)
(89, 37, 124)
(89, 38, 123)
(89, 39, 122)
(89, 40, 121)
(89, 41, 120)
(89, 42, 119)
(89, 43, 118)
(89, 44, 117)
(89, 45, 116)
(89, 46, 115)
(89, 47, 114)
(89, 48, 113)
(89, 49, 112)
(89, 50, 111)
(89, 51, 110)
(89, 52, 109)
(89, 53, 108)
(89, 54, 107)
(89, 55, 106)
(89, 56, 105)
(89, 57, 104)
(89, 58, 103)

(89, 59, 102)
(89, 60, 101)
(89, 61, 100)
(89, 62, 99)
(89, 63, 98)
(89, 64, 97)
(89, 65, 96)
(89, 66, 95)
(89, 67, 94)
(89, 68, 93)
(89, 69, 92)
(89, 70, 91)
(89, 71, 90)
(89, 72, 89)
(89, 73, 88)
(89, 74, 87)
(89, 75, 86)
(89, 76, 85)
(89, 77, 84)
(89, 78, 83)
(89, 79, 82)
(89, 80, 81)
(89, 81, 80)
(89, 82, 79)
(89, 83, 78)
(89, 84, 77)
(89, 85, 76)
(89, 86, 75)
(89, 87, 74)
(89, 88, 73)
(89, 89, 72)
(89, 90, 71)
(89, 91, 70)
(89, 92, 69)
(89, 93, 68)
(89, 94, 67)
(89, 95, 66)
(89, 96, 65)
(89, 97, 64)
(89, 98, 63)
(89, 99, 62)
(89, 100, 61)
(89, 101, 60)
(89, 102, 59)
(89, 103, 58)
(89, 104, 57)
(89, 105, 56)
(89, 106, 55)

(89, 107, 54)
(89, 108, 53)
(89, 109, 52)
(89, 110, 51)
(89, 111, 50)
(89, 112, 49)
(89, 113, 48)
(89, 114, 47)
(89, 115, 46)
(89, 116, 45)
(89, 117, 44)
(89, 118, 43)
(89, 119, 42)
(89, 120, 41)
(89, 121, 40)
(89, 122, 39)
(89, 123, 38)
(89, 124, 37)
(89, 125, 36)
(89, 126, 35)
(89, 127, 34)
(89, 128, 33)
(89, 129, 32)
(89, 130, 31)
(89, 131, 30)
(89, 132, 29)
(89, 133, 28)
(89, 134, 27)
(89, 135, 26)
(89, 136, 25)
(89, 137, 24)
(89, 138, 23)
(89, 139, 22)
(89, 140, 21)
(89, 141, 20)
(89, 142, 19)
(89, 143, 18)
(89, 144, 17)
(89, 145, 16)
(89, 146, 15)
(89, 147, 14)
(89, 148, 13)
(89, 149, 12)
(89, 150, 11)
(89, 151, 10)
(89, 152, 9)
(89, 153, 8)
(89, 154, 7)

(89, 155, 6)
(89, 156, 5)
(89, 157, 4)
(89, 158, 3)
(89, 159, 2)
(89, 160, 1)
(89, 161, 0)
(90, 0, 160)
(90, 1, 159)
(90, 2, 158)
(90, 3, 157)
(90, 4, 156)
(90, 5, 155)
(90, 6, 154)
(90, 7, 153)
(90, 8, 152)
(90, 9, 151)
(90, 10, 150)
(90, 11, 149)
(90, 12, 148)
(90, 13, 147)
(90, 14, 146)
(90, 15, 145)
(90, 16, 144)
(90, 17, 143)
(90, 18, 142)
(90, 19, 141)
(90, 20, 140)
(90, 21, 139)
(90, 22, 138)
(90, 23, 137)
(90, 24, 136)
(90, 25, 135)
(90, 26, 134)
(90, 27, 133)
(90, 28, 132)
(90, 29, 131)
(90, 30, 130)
(90, 31, 129)
(90, 32, 128)
(90, 33, 127)
(90, 34, 126)
(90, 35, 125)
(90, 36, 124)
(90, 37, 123)
(90, 38, 122)
(90, 39, 121)
(90, 40, 120)

(90, 41, 119)
(90, 42, 118)
(90, 43, 117)
(90, 44, 116)
(90, 45, 115)
(90, 46, 114)
(90, 47, 113)
(90, 48, 112)
(90, 49, 111)
(90, 50, 110)
(90, 51, 109)
(90, 52, 108)
(90, 53, 107)
(90, 54, 106)
(90, 55, 105)
(90, 56, 104)
(90, 57, 103)
(90, 58, 102)
(90, 59, 101)
(90, 60, 100)
(90, 61, 99)
(90, 62, 98)
(90, 63, 97)
(90, 64, 96)
(90, 65, 95)
(90, 66, 94)
(90, 67, 93)
(90, 68, 92)
(90, 69, 91)
(90, 70, 90)
(90, 71, 89)
(90, 72, 88)
(90, 73, 87)
(90, 74, 86)
(90, 75, 85)
(90, 76, 84)
(90, 77, 83)
(90, 78, 82)
(90, 79, 81)
(90, 80, 80)
(90, 81, 79)
(90, 82, 78)
(90, 83, 77)
(90, 84, 76)
(90, 85, 75)
(90, 86, 74)
(90, 87, 73)
(90, 88, 72)

(90, 89, 71)
(90, 90, 70)
(90, 91, 69)
(90, 92, 68)
(90, 93, 67)
(90, 94, 66)
(90, 95, 65)
(90, 96, 64)
(90, 97, 63)
(90, 98, 62)
(90, 99, 61)
(90, 100, 60)
(90, 101, 59)
(90, 102, 58)
(90, 103, 57)
(90, 104, 56)
(90, 105, 55)
(90, 106, 54)
(90, 107, 53)
(90, 108, 52)
(90, 109, 51)
(90, 110, 50)
(90, 111, 49)
(90, 112, 48)
(90, 113, 47)
(90, 114, 46)
(90, 115, 45)
(90, 116, 44)
(90, 117, 43)
(90, 118, 42)
(90, 119, 41)
(90, 120, 40)
(90, 121, 39)
(90, 122, 38)
(90, 123, 37)
(90, 124, 36)
(90, 125, 35)
(90, 126, 34)
(90, 127, 33)
(90, 128, 32)
(90, 129, 31)
(90, 130, 30)
(90, 131, 29)
(90, 132, 28)
(90, 133, 27)
(90, 134, 26)
(90, 135, 25)
(90, 136, 24)

(90, 137, 23)
(90, 138, 22)
(90, 139, 21)
(90, 140, 20)
(90, 141, 19)
(90, 142, 18)
(90, 143, 17)
(90, 144, 16)
(90, 145, 15)
(90, 146, 14)
(90, 147, 13)
(90, 148, 12)
(90, 149, 11)
(90, 150, 10)
(90, 151, 9)
(90, 152, 8)
(90, 153, 7)
(90, 154, 6)
(90, 155, 5)
(90, 156, 4)
(90, 157, 3)
(90, 158, 2)
(90, 159, 1)
(90, 160, 0)
(91, 0, 159)
(91, 1, 158)
(91, 2, 157)
(91, 3, 156)
(91, 4, 155)
(91, 5, 154)
(91, 6, 153)
(91, 7, 152)
(91, 8, 151)
(91, 9, 150)
(91, 10, 149)
(91, 11, 148)
(91, 12, 147)
(91, 13, 146)
(91, 14, 145)
(91, 15, 144)
(91, 16, 143)
(91, 17, 142)
(91, 18, 141)
(91, 19, 140)
(91, 20, 139)
(91, 21, 138)
(91, 22, 137)
(91, 23, 136)

(91, 24, 135)
(91, 25, 134)
(91, 26, 133)
(91, 27, 132)
(91, 28, 131)
(91, 29, 130)
(91, 30, 129)
(91, 31, 128)
(91, 32, 127)
(91, 33, 126)
(91, 34, 125)
(91, 35, 124)
(91, 36, 123)
(91, 37, 122)
(91, 38, 121)
(91, 39, 120)
(91, 40, 119)
(91, 41, 118)
(91, 42, 117)
(91, 43, 116)
(91, 44, 115)
(91, 45, 114)
(91, 46, 113)
(91, 47, 112)
(91, 48, 111)
(91, 49, 110)
(91, 50, 109)
(91, 51, 108)
(91, 52, 107)
(91, 53, 106)
(91, 54, 105)
(91, 55, 104)
(91, 56, 103)
(91, 57, 102)
(91, 58, 101)
(91, 59, 100)
(91, 60, 99)
(91, 61, 98)
(91, 62, 97)
(91, 63, 96)
(91, 64, 95)
(91, 65, 94)
(91, 66, 93)
(91, 67, 92)
(91, 68, 91)
(91, 69, 90)
(91, 70, 89)
(91, 71, 88)

(91, 72, 87)
(91, 73, 86)
(91, 74, 85)
(91, 75, 84)
(91, 76, 83)
(91, 77, 82)
(91, 78, 81)
(91, 79, 80)
(91, 80, 79)
(91, 81, 78)
(91, 82, 77)
(91, 83, 76)
(91, 84, 75)
(91, 85, 74)
(91, 86, 73)
(91, 87, 72)
(91, 88, 71)
(91, 89, 70)
(91, 90, 69)
(91, 91, 68)
(91, 92, 67)
(91, 93, 66)
(91, 94, 65)
(91, 95, 64)
(91, 96, 63)
(91, 97, 62)
(91, 98, 61)
(91, 99, 60)
(91, 100, 59)
(91, 101, 58)
(91, 102, 57)
(91, 103, 56)
(91, 104, 55)
(91, 105, 54)
(91, 106, 53)
(91, 107, 52)
(91, 108, 51)
(91, 109, 50)
(91, 110, 49)
(91, 111, 48)
(91, 112, 47)
(91, 113, 46)
(91, 114, 45)
(91, 115, 44)
(91, 116, 43)
(91, 117, 42)
(91, 118, 41)
(91, 119, 40)

(91, 120, 39)
(91, 121, 38)
(91, 122, 37)
(91, 123, 36)
(91, 124, 35)
(91, 125, 34)
(91, 126, 33)
(91, 127, 32)
(91, 128, 31)
(91, 129, 30)
(91, 130, 29)
(91, 131, 28)
(91, 132, 27)
(91, 133, 26)
(91, 134, 25)
(91, 135, 24)
(91, 136, 23)
(91, 137, 22)
(91, 138, 21)
(91, 139, 20)
(91, 140, 19)
(91, 141, 18)
(91, 142, 17)
(91, 143, 16)
(91, 144, 15)
(91, 145, 14)
(91, 146, 13)
(91, 147, 12)
(91, 148, 11)
(91, 149, 10)
(91, 150, 9)
(91, 151, 8)
(91, 152, 7)
(91, 153, 6)
(91, 154, 5)
(91, 155, 4)
(91, 156, 3)
(91, 157, 2)
(91, 158, 1)
(91, 159, 0)
(92, 0, 158)
(92, 1, 157)
(92, 2, 156)
(92, 3, 155)
(92, 4, 154)
(92, 5, 153)
(92, 6, 152)
(92, 7, 151)

(92, 8, 150)
(92, 9, 149)
(92, 10, 148)
(92, 11, 147)
(92, 12, 146)
(92, 13, 145)
(92, 14, 144)
(92, 15, 143)
(92, 16, 142)
(92, 17, 141)
(92, 18, 140)
(92, 19, 139)
(92, 20, 138)
(92, 21, 137)
(92, 22, 136)
(92, 23, 135)
(92, 24, 134)
(92, 25, 133)
(92, 26, 132)
(92, 27, 131)
(92, 28, 130)
(92, 29, 129)
(92, 30, 128)
(92, 31, 127)
(92, 32, 126)
(92, 33, 125)
(92, 34, 124)
(92, 35, 123)
(92, 36, 122)
(92, 37, 121)
(92, 38, 120)
(92, 39, 119)
(92, 40, 118)
(92, 41, 117)
(92, 42, 116)
(92, 43, 115)
(92, 44, 114)
(92, 45, 113)
(92, 46, 112)
(92, 47, 111)
(92, 48, 110)
(92, 49, 109)
(92, 50, 108)
(92, 51, 107)
(92, 52, 106)
(92, 53, 105)
(92, 54, 104)
(92, 55, 103)

(92, 56, 102)
(92, 57, 101)
(92, 58, 100)
(92, 59, 99)
(92, 60, 98)
(92, 61, 97)
(92, 62, 96)
(92, 63, 95)
(92, 64, 94)
(92, 65, 93)
(92, 66, 92)
(92, 67, 91)
(92, 68, 90)
(92, 69, 89)
(92, 70, 88)
(92, 71, 87)
(92, 72, 86)
(92, 73, 85)
(92, 74, 84)
(92, 75, 83)
(92, 76, 82)
(92, 77, 81)
(92, 78, 80)
(92, 79, 79)
(92, 80, 78)
(92, 81, 77)
(92, 82, 76)
(92, 83, 75)
(92, 84, 74)
(92, 85, 73)
(92, 86, 72)
(92, 87, 71)
(92, 88, 70)
(92, 89, 69)
(92, 90, 68)
(92, 91, 67)
(92, 92, 66)
(92, 93, 65)
(92, 94, 64)
(92, 95, 63)
(92, 96, 62)
(92, 97, 61)
(92, 98, 60)
(92, 99, 59)
(92, 100, 58)
(92, 101, 57)
(92, 102, 56)
(92, 103, 55)

(92, 104, 54)
(92, 105, 53)
(92, 106, 52)
(92, 107, 51)
(92, 108, 50)
(92, 109, 49)
(92, 110, 48)
(92, 111, 47)
(92, 112, 46)
(92, 113, 45)
(92, 114, 44)
(92, 115, 43)
(92, 116, 42)
(92, 117, 41)
(92, 118, 40)
(92, 119, 39)
(92, 120, 38)
(92, 121, 37)
(92, 122, 36)
(92, 123, 35)
(92, 124, 34)
(92, 125, 33)
(92, 126, 32)
(92, 127, 31)
(92, 128, 30)
(92, 129, 29)
(92, 130, 28)
(92, 131, 27)
(92, 132, 26)
(92, 133, 25)
(92, 134, 24)
(92, 135, 23)
(92, 136, 22)
(92, 137, 21)
(92, 138, 20)
(92, 139, 19)
(92, 140, 18)
(92, 141, 17)
(92, 142, 16)
(92, 143, 15)
(92, 144, 14)
(92, 145, 13)
(92, 146, 12)
(92, 147, 11)
(92, 148, 10)
(92, 149, 9)
(92, 150, 8)
(92, 151, 7)

(92, 152, 6)
(92, 153, 5)
(92, 154, 4)
(92, 155, 3)
(92, 156, 2)
(92, 157, 1)
(92, 158, 0)
(93, 0, 157)
(93, 1, 156)
(93, 2, 155)
(93, 3, 154)
(93, 4, 153)
(93, 5, 152)
(93, 6, 151)
(93, 7, 150)
(93, 8, 149)
(93, 9, 148)
(93, 10, 147)
(93, 11, 146)
(93, 12, 145)
(93, 13, 144)
(93, 14, 143)
(93, 15, 142)
(93, 16, 141)
(93, 17, 140)
(93, 18, 139)
(93, 19, 138)
(93, 20, 137)
(93, 21, 136)
(93, 22, 135)
(93, 23, 134)
(93, 24, 133)
(93, 25, 132)
(93, 26, 131)
(93, 27, 130)
(93, 28, 129)
(93, 29, 128)
(93, 30, 127)
(93, 31, 126)
(93, 32, 125)
(93, 33, 124)
(93, 34, 123)
(93, 35, 122)
(93, 36, 121)
(93, 37, 120)
(93, 38, 119)
(93, 39, 118)
(93, 40, 117)

(93, 41, 116)
(93, 42, 115)
(93, 43, 114)
(93, 44, 113)
(93, 45, 112)
(93, 46, 111)
(93, 47, 110)
(93, 48, 109)
(93, 49, 108)
(93, 50, 107)
(93, 51, 106)
(93, 52, 105)
(93, 53, 104)
(93, 54, 103)
(93, 55, 102)
(93, 56, 101)
(93, 57, 100)
(93, 58, 99)
(93, 59, 98)
(93, 60, 97)
(93, 61, 96)
(93, 62, 95)
(93, 63, 94)
(93, 64, 93)
(93, 65, 92)
(93, 66, 91)
(93, 67, 90)
(93, 68, 89)
(93, 69, 88)
(93, 70, 87)
(93, 71, 86)
(93, 72, 85)
(93, 73, 84)
(93, 74, 83)
(93, 75, 82)
(93, 76, 81)
(93, 77, 80)
(93, 78, 79)
(93, 79, 78)
(93, 80, 77)
(93, 81, 76)
(93, 82, 75)
(93, 83, 74)
(93, 84, 73)
(93, 85, 72)
(93, 86, 71)
(93, 87, 70)
(93, 88, 69)

(93, 89, 68)
(93, 90, 67)
(93, 91, 66)
(93, 92, 65)
(93, 93, 64)
(93, 94, 63)
(93, 95, 62)
(93, 96, 61)
(93, 97, 60)
(93, 98, 59)
(93, 99, 58)
(93, 100, 57)
(93, 101, 56)
(93, 102, 55)
(93, 103, 54)
(93, 104, 53)
(93, 105, 52)
(93, 106, 51)
(93, 107, 50)
(93, 108, 49)
(93, 109, 48)
(93, 110, 47)
(93, 111, 46)
(93, 112, 45)
(93, 113, 44)
(93, 114, 43)
(93, 115, 42)
(93, 116, 41)
(93, 117, 40)
(93, 118, 39)
(93, 119, 38)
(93, 120, 37)
(93, 121, 36)
(93, 122, 35)
(93, 123, 34)
(93, 124, 33)
(93, 125, 32)
(93, 126, 31)
(93, 127, 30)
(93, 128, 29)
(93, 129, 28)
(93, 130, 27)
(93, 131, 26)
(93, 132, 25)
(93, 133, 24)
(93, 134, 23)
(93, 135, 22)
(93, 136, 21)

(93, 137, 20)
(93, 138, 19)
(93, 139, 18)
(93, 140, 17)
(93, 141, 16)
(93, 142, 15)
(93, 143, 14)
(93, 144, 13)
(93, 145, 12)
(93, 146, 11)
(93, 147, 10)
(93, 148, 9)
(93, 149, 8)
(93, 150, 7)
(93, 151, 6)
(93, 152, 5)
(93, 153, 4)
(93, 154, 3)
(93, 155, 2)
(93, 156, 1)
(93, 157, 0)
(94, 0, 156)
(94, 1, 155)
(94, 2, 154)
(94, 3, 153)
(94, 4, 152)
(94, 5, 151)
(94, 6, 150)
(94, 7, 149)
(94, 8, 148)
(94, 9, 147)
(94, 10, 146)
(94, 11, 145)
(94, 12, 144)
(94, 13, 143)
(94, 14, 142)
(94, 15, 141)
(94, 16, 140)
(94, 17, 139)
(94, 18, 138)
(94, 19, 137)
(94, 20, 136)
(94, 21, 135)
(94, 22, 134)
(94, 23, 133)
(94, 24, 132)
(94, 25, 131)
(94, 26, 130)

(94, 27, 129)
(94, 28, 128)
(94, 29, 127)
(94, 30, 126)
(94, 31, 125)
(94, 32, 124)
(94, 33, 123)
(94, 34, 122)
(94, 35, 121)
(94, 36, 120)
(94, 37, 119)
(94, 38, 118)
(94, 39, 117)
(94, 40, 116)
(94, 41, 115)
(94, 42, 114)
(94, 43, 113)
(94, 44, 112)
(94, 45, 111)
(94, 46, 110)
(94, 47, 109)
(94, 48, 108)
(94, 49, 107)
(94, 50, 106)
(94, 51, 105)
(94, 52, 104)
(94, 53, 103)
(94, 54, 102)
(94, 55, 101)
(94, 56, 100)
(94, 57, 99)
(94, 58, 98)
(94, 59, 97)
(94, 60, 96)
(94, 61, 95)
(94, 62, 94)
(94, 63, 93)
(94, 64, 92)
(94, 65, 91)
(94, 66, 90)
(94, 67, 89)
(94, 68, 88)
(94, 69, 87)
(94, 70, 86)
(94, 71, 85)
(94, 72, 84)
(94, 73, 83)
(94, 74, 82)

(94, 75, 81)
(94, 76, 80)
(94, 77, 79)
(94, 78, 78)
(94, 79, 77)
(94, 80, 76)
(94, 81, 75)
(94, 82, 74)
(94, 83, 73)
(94, 84, 72)
(94, 85, 71)
(94, 86, 70)
(94, 87, 69)
(94, 88, 68)
(94, 89, 67)
(94, 90, 66)
(94, 91, 65)
(94, 92, 64)
(94, 93, 63)
(94, 94, 62)
(94, 95, 61)
(94, 96, 60)
(94, 97, 59)
(94, 98, 58)
(94, 99, 57)
(94, 100, 56)
(94, 101, 55)
(94, 102, 54)
(94, 103, 53)
(94, 104, 52)
(94, 105, 51)
(94, 106, 50)
(94, 107, 49)
(94, 108, 48)
(94, 109, 47)
(94, 110, 46)
(94, 111, 45)
(94, 112, 44)
(94, 113, 43)
(94, 114, 42)
(94, 115, 41)
(94, 116, 40)
(94, 117, 39)
(94, 118, 38)
(94, 119, 37)
(94, 120, 36)
(94, 121, 35)
(94, 122, 34)

(94, 123, 33)
(94, 124, 32)
(94, 125, 31)
(94, 126, 30)
(94, 127, 29)
(94, 128, 28)
(94, 129, 27)
(94, 130, 26)
(94, 131, 25)
(94, 132, 24)
(94, 133, 23)
(94, 134, 22)
(94, 135, 21)
(94, 136, 20)
(94, 137, 19)
(94, 138, 18)
(94, 139, 17)
(94, 140, 16)
(94, 141, 15)
(94, 142, 14)
(94, 143, 13)
(94, 144, 12)
(94, 145, 11)
(94, 146, 10)
(94, 147, 9)
(94, 148, 8)
(94, 149, 7)
(94, 150, 6)
(94, 151, 5)
(94, 152, 4)
(94, 153, 3)
(94, 154, 2)
(94, 155, 1)
(94, 156, 0)
(95, 0, 155)
(95, 1, 154)
(95, 2, 153)
(95, 3, 152)
(95, 4, 151)
(95, 5, 150)
(95, 6, 149)
(95, 7, 148)
(95, 8, 147)
(95, 9, 146)
(95, 10, 145)
(95, 11, 144)
(95, 12, 143)
(95, 13, 142)

(95, 14, 141)
(95, 15, 140)
(95, 16, 139)
(95, 17, 138)
(95, 18, 137)
(95, 19, 136)
(95, 20, 135)
(95, 21, 134)
(95, 22, 133)
(95, 23, 132)
(95, 24, 131)
(95, 25, 130)
(95, 26, 129)
(95, 27, 128)
(95, 28, 127)
(95, 29, 126)
(95, 30, 125)
(95, 31, 124)
(95, 32, 123)
(95, 33, 122)
(95, 34, 121)
(95, 35, 120)
(95, 36, 119)
(95, 37, 118)
(95, 38, 117)
(95, 39, 116)
(95, 40, 115)
(95, 41, 114)
(95, 42, 113)
(95, 43, 112)
(95, 44, 111)
(95, 45, 110)
(95, 46, 109)
(95, 47, 108)
(95, 48, 107)
(95, 49, 106)
(95, 50, 105)
(95, 51, 104)
(95, 52, 103)
(95, 53, 102)
(95, 54, 101)
(95, 55, 100)
(95, 56, 99)
(95, 57, 98)
(95, 58, 97)
(95, 59, 96)
(95, 60, 95)
(95, 61, 94)

(95, 62, 93)
(95, 63, 92)
(95, 64, 91)
(95, 65, 90)
(95, 66, 89)
(95, 67, 88)
(95, 68, 87)
(95, 69, 86)
(95, 70, 85)
(95, 71, 84)
(95, 72, 83)
(95, 73, 82)
(95, 74, 81)
(95, 75, 80)
(95, 76, 79)
(95, 77, 78)
(95, 78, 77)
(95, 79, 76)
(95, 80, 75)
(95, 81, 74)
(95, 82, 73)
(95, 83, 72)
(95, 84, 71)
(95, 85, 70)
(95, 86, 69)
(95, 87, 68)
(95, 88, 67)
(95, 89, 66)
(95, 90, 65)
(95, 91, 64)
(95, 92, 63)
(95, 93, 62)
(95, 94, 61)
(95, 95, 60)
(95, 96, 59)
(95, 97, 58)
(95, 98, 57)
(95, 99, 56)
(95, 100, 55)
(95, 101, 54)
(95, 102, 53)
(95, 103, 52)
(95, 104, 51)
(95, 105, 50)
(95, 106, 49)
(95, 107, 48)
(95, 108, 47)
(95, 109, 46)

(95, 110, 45)
(95, 111, 44)
(95, 112, 43)
(95, 113, 42)
(95, 114, 41)
(95, 115, 40)
(95, 116, 39)
(95, 117, 38)
(95, 118, 37)
(95, 119, 36)
(95, 120, 35)
(95, 121, 34)
(95, 122, 33)
(95, 123, 32)
(95, 124, 31)
(95, 125, 30)
(95, 126, 29)
(95, 127, 28)
(95, 128, 27)
(95, 129, 26)
(95, 130, 25)
(95, 131, 24)
(95, 132, 23)
(95, 133, 22)
(95, 134, 21)
(95, 135, 20)
(95, 136, 19)
(95, 137, 18)
(95, 138, 17)
(95, 139, 16)
(95, 140, 15)
(95, 141, 14)
(95, 142, 13)
(95, 143, 12)
(95, 144, 11)
(95, 145, 10)
(95, 146, 9)
(95, 147, 8)
(95, 148, 7)
(95, 149, 6)
(95, 150, 5)
(95, 151, 4)
(95, 152, 3)
(95, 153, 2)
(95, 154, 1)
(95, 155, 0)
(96, 0, 154)
(96, 1, 153)

(96, 2, 152)
(96, 3, 151)
(96, 4, 150)
(96, 5, 149)
(96, 6, 148)
(96, 7, 147)
(96, 8, 146)
(96, 9, 145)
(96, 10, 144)
(96, 11, 143)
(96, 12, 142)
(96, 13, 141)
(96, 14, 140)
(96, 15, 139)
(96, 16, 138)
(96, 17, 137)
(96, 18, 136)
(96, 19, 135)
(96, 20, 134)
(96, 21, 133)
(96, 22, 132)
(96, 23, 131)
(96, 24, 130)
(96, 25, 129)
(96, 26, 128)
(96, 27, 127)
(96, 28, 126)
(96, 29, 125)
(96, 30, 124)
(96, 31, 123)
(96, 32, 122)
(96, 33, 121)
(96, 34, 120)
(96, 35, 119)
(96, 36, 118)
(96, 37, 117)
(96, 38, 116)
(96, 39, 115)
(96, 40, 114)
(96, 41, 113)
(96, 42, 112)
(96, 43, 111)
(96, 44, 110)
(96, 45, 109)
(96, 46, 108)
(96, 47, 107)
(96, 48, 106)
(96, 49, 105)

(96, 50, 104)
(96, 51, 103)
(96, 52, 102)
(96, 53, 101)
(96, 54, 100)
(96, 55, 99)
(96, 56, 98)
(96, 57, 97)
(96, 58, 96)
(96, 59, 95)
(96, 60, 94)
(96, 61, 93)
(96, 62, 92)
(96, 63, 91)
(96, 64, 90)
(96, 65, 89)
(96, 66, 88)
(96, 67, 87)
(96, 68, 86)
(96, 69, 85)
(96, 70, 84)
(96, 71, 83)
(96, 72, 82)
(96, 73, 81)
(96, 74, 80)
(96, 75, 79)
(96, 76, 78)
(96, 77, 77)
(96, 78, 76)
(96, 79, 75)
(96, 80, 74)
(96, 81, 73)
(96, 82, 72)
(96, 83, 71)
(96, 84, 70)
(96, 85, 69)
(96, 86, 68)
(96, 87, 67)
(96, 88, 66)
(96, 89, 65)
(96, 90, 64)
(96, 91, 63)
(96, 92, 62)
(96, 93, 61)
(96, 94, 60)
(96, 95, 59)
(96, 96, 58)
(96, 97, 57)

(96, 98, 56)
(96, 99, 55)
(96, 100, 54)
(96, 101, 53)
(96, 102, 52)
(96, 103, 51)
(96, 104, 50)
(96, 105, 49)
(96, 106, 48)
(96, 107, 47)
(96, 108, 46)
(96, 109, 45)
(96, 110, 44)
(96, 111, 43)
(96, 112, 42)
(96, 113, 41)
(96, 114, 40)
(96, 115, 39)
(96, 116, 38)
(96, 117, 37)
(96, 118, 36)
(96, 119, 35)
(96, 120, 34)
(96, 121, 33)
(96, 122, 32)
(96, 123, 31)
(96, 124, 30)
(96, 125, 29)
(96, 126, 28)
(96, 127, 27)
(96, 128, 26)
(96, 129, 25)
(96, 130, 24)
(96, 131, 23)
(96, 132, 22)
(96, 133, 21)
(96, 134, 20)
(96, 135, 19)
(96, 136, 18)
(96, 137, 17)
(96, 138, 16)
(96, 139, 15)
(96, 140, 14)
(96, 141, 13)
(96, 142, 12)
(96, 143, 11)
(96, 144, 10)
(96, 145, 9)

(96, 146, 8)
(96, 147, 7)
(96, 148, 6)
(96, 149, 5)
(96, 150, 4)
(96, 151, 3)
(96, 152, 2)
(96, 153, 1)
(96, 154, 0)
(97, 0, 153)
(97, 1, 152)
(97, 2, 151)
(97, 3, 150)
(97, 4, 149)
(97, 5, 148)
(97, 6, 147)
(97, 7, 146)
(97, 8, 145)
(97, 9, 144)
(97, 10, 143)
(97, 11, 142)
(97, 12, 141)
(97, 13, 140)
(97, 14, 139)
(97, 15, 138)
(97, 16, 137)
(97, 17, 136)
(97, 18, 135)
(97, 19, 134)
(97, 20, 133)
(97, 21, 132)
(97, 22, 131)
(97, 23, 130)
(97, 24, 129)
(97, 25, 128)
(97, 26, 127)
(97, 27, 126)
(97, 28, 125)
(97, 29, 124)
(97, 30, 123)
(97, 31, 122)
(97, 32, 121)
(97, 33, 120)
(97, 34, 119)
(97, 35, 118)
(97, 36, 117)
(97, 37, 116)
(97, 38, 115)

(97, 39, 114)
(97, 40, 113)
(97, 41, 112)
(97, 42, 111)
(97, 43, 110)
(97, 44, 109)
(97, 45, 108)
(97, 46, 107)
(97, 47, 106)
(97, 48, 105)
(97, 49, 104)
(97, 50, 103)
(97, 51, 102)
(97, 52, 101)
(97, 53, 100)
(97, 54, 99)
(97, 55, 98)
(97, 56, 97)
(97, 57, 96)
(97, 58, 95)
(97, 59, 94)
(97, 60, 93)
(97, 61, 92)
(97, 62, 91)
(97, 63, 90)
(97, 64, 89)
(97, 65, 88)
(97, 66, 87)
(97, 67, 86)
(97, 68, 85)
(97, 69, 84)
(97, 70, 83)
(97, 71, 82)
(97, 72, 81)
(97, 73, 80)
(97, 74, 79)
(97, 75, 78)
(97, 76, 77)
(97, 77, 76)
(97, 78, 75)
(97, 79, 74)
(97, 80, 73)
(97, 81, 72)
(97, 82, 71)
(97, 83, 70)
(97, 84, 69)
(97, 85, 68)
(97, 86, 67)

(97, 87, 66)
(97, 88, 65)
(97, 89, 64)
(97, 90, 63)
(97, 91, 62)
(97, 92, 61)
(97, 93, 60)
(97, 94, 59)
(97, 95, 58)
(97, 96, 57)
(97, 97, 56)
(97, 98, 55)
(97, 99, 54)
(97, 100, 53)
(97, 101, 52)
(97, 102, 51)
(97, 103, 50)
(97, 104, 49)
(97, 105, 48)
(97, 106, 47)
(97, 107, 46)
(97, 108, 45)
(97, 109, 44)
(97, 110, 43)
(97, 111, 42)
(97, 112, 41)
(97, 113, 40)
(97, 114, 39)
(97, 115, 38)
(97, 116, 37)
(97, 117, 36)
(97, 118, 35)
(97, 119, 34)
(97, 120, 33)
(97, 121, 32)
(97, 122, 31)
(97, 123, 30)
(97, 124, 29)
(97, 125, 28)
(97, 126, 27)
(97, 127, 26)
(97, 128, 25)
(97, 129, 24)
(97, 130, 23)
(97, 131, 22)
(97, 132, 21)
(97, 133, 20)
(97, 134, 19)

(97, 135, 18)
(97, 136, 17)
(97, 137, 16)
(97, 138, 15)
(97, 139, 14)
(97, 140, 13)
(97, 141, 12)
(97, 142, 11)
(97, 143, 10)
(97, 144, 9)
(97, 145, 8)
(97, 146, 7)
(97, 147, 6)
(97, 148, 5)
(97, 149, 4)
(97, 150, 3)
(97, 151, 2)
(97, 152, 1)
(97, 153, 0)
(98, 0, 152)
(98, 1, 151)
(98, 2, 150)
(98, 3, 149)
(98, 4, 148)
(98, 5, 147)
(98, 6, 146)
(98, 7, 145)
(98, 8, 144)
(98, 9, 143)
(98, 10, 142)
(98, 11, 141)
(98, 12, 140)
(98, 13, 139)
(98, 14, 138)
(98, 15, 137)
(98, 16, 136)
(98, 17, 135)
(98, 18, 134)
(98, 19, 133)
(98, 20, 132)
(98, 21, 131)
(98, 22, 130)
(98, 23, 129)
(98, 24, 128)
(98, 25, 127)
(98, 26, 126)
(98, 27, 125)
(98, 28, 124)

(98, 29, 123)
(98, 30, 122)
(98, 31, 121)
(98, 32, 120)
(98, 33, 119)
(98, 34, 118)
(98, 35, 117)
(98, 36, 116)
(98, 37, 115)
(98, 38, 114)
(98, 39, 113)
(98, 40, 112)
(98, 41, 111)
(98, 42, 110)
(98, 43, 109)
(98, 44, 108)
(98, 45, 107)
(98, 46, 106)
(98, 47, 105)
(98, 48, 104)
(98, 49, 103)
(98, 50, 102)
(98, 51, 101)
(98, 52, 100)
(98, 53, 99)
(98, 54, 98)
(98, 55, 97)
(98, 56, 96)
(98, 57, 95)
(98, 58, 94)
(98, 59, 93)
(98, 60, 92)
(98, 61, 91)
(98, 62, 90)
(98, 63, 89)
(98, 64, 88)
(98, 65, 87)
(98, 66, 86)
(98, 67, 85)
(98, 68, 84)
(98, 69, 83)
(98, 70, 82)
(98, 71, 81)
(98, 72, 80)
(98, 73, 79)
(98, 74, 78)
(98, 75, 77)
(98, 76, 76)

(98, 77, 75)
(98, 78, 74)
(98, 79, 73)
(98, 80, 72)
(98, 81, 71)
(98, 82, 70)
(98, 83, 69)
(98, 84, 68)
(98, 85, 67)
(98, 86, 66)
(98, 87, 65)
(98, 88, 64)
(98, 89, 63)
(98, 90, 62)
(98, 91, 61)
(98, 92, 60)
(98, 93, 59)
(98, 94, 58)
(98, 95, 57)
(98, 96, 56)
(98, 97, 55)
(98, 98, 54)
(98, 99, 53)
(98, 100, 52)
(98, 101, 51)
(98, 102, 50)
(98, 103, 49)
(98, 104, 48)
(98, 105, 47)
(98, 106, 46)
(98, 107, 45)
(98, 108, 44)
(98, 109, 43)
(98, 110, 42)
(98, 111, 41)
(98, 112, 40)
(98, 113, 39)
(98, 114, 38)
(98, 115, 37)
(98, 116, 36)
(98, 117, 35)
(98, 118, 34)
(98, 119, 33)
(98, 120, 32)
(98, 121, 31)
(98, 122, 30)
(98, 123, 29)
(98, 124, 28)

(98, 125, 27)
(98, 126, 26)
(98, 127, 25)
(98, 128, 24)
(98, 129, 23)
(98, 130, 22)
(98, 131, 21)
(98, 132, 20)
(98, 133, 19)
(98, 134, 18)
(98, 135, 17)
(98, 136, 16)
(98, 137, 15)
(98, 138, 14)
(98, 139, 13)
(98, 140, 12)
(98, 141, 11)
(98, 142, 10)
(98, 143, 9)
(98, 144, 8)
(98, 145, 7)
(98, 146, 6)
(98, 147, 5)
(98, 148, 4)
(98, 149, 3)
(98, 150, 2)
(98, 151, 1)
(98, 152, 0)
(99, 0, 151)
(99, 1, 150)
(99, 2, 149)
(99, 3, 148)
(99, 4, 147)
(99, 5, 146)
(99, 6, 145)
(99, 7, 144)
(99, 8, 143)
(99, 9, 142)
(99, 10, 141)
(99, 11, 140)
(99, 12, 139)
(99, 13, 138)
(99, 14, 137)
(99, 15, 136)
(99, 16, 135)
(99, 17, 134)
(99, 18, 133)
(99, 19, 132)

(99, 20, 131)
(99, 21, 130)
(99, 22, 129)
(99, 23, 128)
(99, 24, 127)
(99, 25, 126)
(99, 26, 125)
(99, 27, 124)
(99, 28, 123)
(99, 29, 122)
(99, 30, 121)
(99, 31, 120)
(99, 32, 119)
(99, 33, 118)
(99, 34, 117)
(99, 35, 116)
(99, 36, 115)
(99, 37, 114)
(99, 38, 113)
(99, 39, 112)
(99, 40, 111)
(99, 41, 110)
(99, 42, 109)
(99, 43, 108)
(99, 44, 107)
(99, 45, 106)
(99, 46, 105)
(99, 47, 104)
(99, 48, 103)
(99, 49, 102)
(99, 50, 101)
(99, 51, 100)
(99, 52, 99)
(99, 53, 98)
(99, 54, 97)
(99, 55, 96)
(99, 56, 95)
(99, 57, 94)
(99, 58, 93)
(99, 59, 92)
(99, 60, 91)
(99, 61, 90)
(99, 62, 89)
(99, 63, 88)
(99, 64, 87)
(99, 65, 86)
(99, 66, 85)
(99, 67, 84)

(99, 68, 83)
(99, 69, 82)
(99, 70, 81)
(99, 71, 80)
(99, 72, 79)
(99, 73, 78)
(99, 74, 77)
(99, 75, 76)
(99, 76, 75)
(99, 77, 74)
(99, 78, 73)
(99, 79, 72)
(99, 80, 71)
(99, 81, 70)
(99, 82, 69)
(99, 83, 68)
(99, 84, 67)
(99, 85, 66)
(99, 86, 65)
(99, 87, 64)
(99, 88, 63)
(99, 89, 62)
(99, 90, 61)
(99, 91, 60)
(99, 92, 59)
(99, 93, 58)
(99, 94, 57)
(99, 95, 56)
(99, 96, 55)
(99, 97, 54)
(99, 98, 53)
(99, 99, 52)
(99, 100, 51)
(99, 101, 50)
(99, 102, 49)
(99, 103, 48)
(99, 104, 47)
(99, 105, 46)
(99, 106, 45)
(99, 107, 44)
(99, 108, 43)
(99, 109, 42)
(99, 110, 41)
(99, 111, 40)
(99, 112, 39)
(99, 113, 38)
(99, 114, 37)
(99, 115, 36)

(99, 116, 35)
(99, 117, 34)
(99, 118, 33)
(99, 119, 32)
(99, 120, 31)
(99, 121, 30)
(99, 122, 29)
(99, 123, 28)
(99, 124, 27)
(99, 125, 26)
(99, 126, 25)
(99, 127, 24)
(99, 128, 23)
(99, 129, 22)
(99, 130, 21)
(99, 131, 20)
(99, 132, 19)
(99, 133, 18)
(99, 134, 17)
(99, 135, 16)
(99, 136, 15)
(99, 137, 14)
(99, 138, 13)
(99, 139, 12)
(99, 140, 11)
(99, 141, 10)
(99, 142, 9)
(99, 143, 8)
(99, 144, 7)
(99, 145, 6)
(99, 146, 5)
(99, 147, 4)
(99, 148, 3)
(99, 149, 2)
(99, 150, 1)
(99, 151, 0)
(100, 0, 150)
(100, 1, 149)
(100, 2, 148)
(100, 3, 147)
(100, 4, 146)
(100, 5, 145)
(100, 6, 144)
(100, 7, 143)
(100, 8, 142)
(100, 9, 141)
(100, 10, 140)
(100, 11, 139)

(100, 12, 138)
(100, 13, 137)
(100, 14, 136)
(100, 15, 135)
(100, 16, 134)
(100, 17, 133)
(100, 18, 132)
(100, 19, 131)
(100, 20, 130)
(100, 21, 129)
(100, 22, 128)
(100, 23, 127)
(100, 24, 126)
(100, 25, 125)
(100, 26, 124)
(100, 27, 123)
(100, 28, 122)
(100, 29, 121)
(100, 30, 120)
(100, 31, 119)
(100, 32, 118)
(100, 33, 117)
(100, 34, 116)
(100, 35, 115)
(100, 36, 114)
(100, 37, 113)
(100, 38, 112)
(100, 39, 111)
(100, 40, 110)
(100, 41, 109)
(100, 42, 108)
(100, 43, 107)
(100, 44, 106)
(100, 45, 105)
(100, 46, 104)
(100, 47, 103)
(100, 48, 102)
(100, 49, 101)
(100, 50, 100)
(100, 51, 99)
(100, 52, 98)
(100, 53, 97)
(100, 54, 96)
(100, 55, 95)
(100, 56, 94)
(100, 57, 93)
(100, 58, 92)
(100, 59, 91)

(100, 60, 90)
(100, 61, 89)
(100, 62, 88)
(100, 63, 87)
(100, 64, 86)
(100, 65, 85)
(100, 66, 84)
(100, 67, 83)
(100, 68, 82)
(100, 69, 81)
(100, 70, 80)
(100, 71, 79)
(100, 72, 78)
(100, 73, 77)
(100, 74, 76)
(100, 75, 75)
(100, 76, 74)
(100, 77, 73)
(100, 78, 72)
(100, 79, 71)
(100, 80, 70)
(100, 81, 69)
(100, 82, 68)
(100, 83, 67)
(100, 84, 66)
(100, 85, 65)
(100, 86, 64)
(100, 87, 63)
(100, 88, 62)
(100, 89, 61)
(100, 90, 60)
(100, 91, 59)
(100, 92, 58)
(100, 93, 57)
(100, 94, 56)
(100, 95, 55)
(100, 96, 54)
(100, 97, 53)
(100, 98, 52)
(100, 99, 51)
(100, 100, 50)
(100, 101, 49)
(100, 102, 48)
(100, 103, 47)
(100, 104, 46)
(100, 105, 45)
(100, 106, 44)
(100, 107, 43)

(100, 108, 42)
(100, 109, 41)
(100, 110, 40)
(100, 111, 39)
(100, 112, 38)
(100, 113, 37)
(100, 114, 36)
(100, 115, 35)
(100, 116, 34)
(100, 117, 33)
(100, 118, 32)
(100, 119, 31)
(100, 120, 30)
(100, 121, 29)
(100, 122, 28)
(100, 123, 27)
(100, 124, 26)
(100, 125, 25)
(100, 126, 24)
(100, 127, 23)
(100, 128, 22)
(100, 129, 21)
(100, 130, 20)
(100, 131, 19)
(100, 132, 18)
(100, 133, 17)
(100, 134, 16)
(100, 135, 15)
(100, 136, 14)
(100, 137, 13)
(100, 138, 12)
(100, 139, 11)
(100, 140, 10)
(100, 141, 9)
(100, 142, 8)
(100, 143, 7)
(100, 144, 6)
(100, 145, 5)
(100, 146, 4)
(100, 147, 3)
(100, 148, 2)
(100, 149, 1)
(100, 150, 0)
(101, 0, 149)
(101, 1, 148)
(101, 2, 147)
(101, 3, 146)
(101, 4, 145)

(101, 5, 144)
(101, 6, 143)
(101, 7, 142)
(101, 8, 141)
(101, 9, 140)
(101, 10, 139)
(101, 11, 138)
(101, 12, 137)
(101, 13, 136)
(101, 14, 135)
(101, 15, 134)
(101, 16, 133)
(101, 17, 132)
(101, 18, 131)
(101, 19, 130)
(101, 20, 129)
(101, 21, 128)
(101, 22, 127)
(101, 23, 126)
(101, 24, 125)
(101, 25, 124)
(101, 26, 123)
(101, 27, 122)
(101, 28, 121)
(101, 29, 120)
(101, 30, 119)
(101, 31, 118)
(101, 32, 117)
(101, 33, 116)
(101, 34, 115)
(101, 35, 114)
(101, 36, 113)
(101, 37, 112)
(101, 38, 111)
(101, 39, 110)
(101, 40, 109)
(101, 41, 108)
(101, 42, 107)
(101, 43, 106)
(101, 44, 105)
(101, 45, 104)
(101, 46, 103)
(101, 47, 102)
(101, 48, 101)
(101, 49, 100)
(101, 50, 99)
(101, 51, 98)
(101, 52, 97)

(101, 53, 96)
(101, 54, 95)
(101, 55, 94)
(101, 56, 93)
(101, 57, 92)
(101, 58, 91)
(101, 59, 90)
(101, 60, 89)
(101, 61, 88)
(101, 62, 87)
(101, 63, 86)
(101, 64, 85)
(101, 65, 84)
(101, 66, 83)
(101, 67, 82)
(101, 68, 81)
(101, 69, 80)
(101, 70, 79)
(101, 71, 78)
(101, 72, 77)
(101, 73, 76)
(101, 74, 75)
(101, 75, 74)
(101, 76, 73)
(101, 77, 72)
(101, 78, 71)
(101, 79, 70)
(101, 80, 69)
(101, 81, 68)
(101, 82, 67)
(101, 83, 66)
(101, 84, 65)
(101, 85, 64)
(101, 86, 63)
(101, 87, 62)
(101, 88, 61)
(101, 89, 60)
(101, 90, 59)
(101, 91, 58)
(101, 92, 57)
(101, 93, 56)
(101, 94, 55)
(101, 95, 54)
(101, 96, 53)
(101, 97, 52)
(101, 98, 51)
(101, 99, 50)
(101, 100, 49)

(101, 101, 48)
(101, 102, 47)
(101, 103, 46)
(101, 104, 45)
(101, 105, 44)
(101, 106, 43)
(101, 107, 42)
(101, 108, 41)
(101, 109, 40)
(101, 110, 39)
(101, 111, 38)
(101, 112, 37)
(101, 113, 36)
(101, 114, 35)
(101, 115, 34)
(101, 116, 33)
(101, 117, 32)
(101, 118, 31)
(101, 119, 30)
(101, 120, 29)
(101, 121, 28)
(101, 122, 27)
(101, 123, 26)
(101, 124, 25)
(101, 125, 24)
(101, 126, 23)
(101, 127, 22)
(101, 128, 21)
(101, 129, 20)
(101, 130, 19)
(101, 131, 18)
(101, 132, 17)
(101, 133, 16)
(101, 134, 15)
(101, 135, 14)
(101, 136, 13)
(101, 137, 12)
(101, 138, 11)
(101, 139, 10)
(101, 140, 9)
(101, 141, 8)
(101, 142, 7)
(101, 143, 6)
(101, 144, 5)
(101, 145, 4)
(101, 146, 3)
(101, 147, 2)
(101, 148, 1)

(101, 149, 0)
(102, 0, 148)
(102, 1, 147)
(102, 2, 146)
(102, 3, 145)
(102, 4, 144)
(102, 5, 143)
(102, 6, 142)
(102, 7, 141)
(102, 8, 140)
(102, 9, 139)
(102, 10, 138)
(102, 11, 137)
(102, 12, 136)
(102, 13, 135)
(102, 14, 134)
(102, 15, 133)
(102, 16, 132)
(102, 17, 131)
(102, 18, 130)
(102, 19, 129)
(102, 20, 128)
(102, 21, 127)
(102, 22, 126)
(102, 23, 125)
(102, 24, 124)
(102, 25, 123)
(102, 26, 122)
(102, 27, 121)
(102, 28, 120)
(102, 29, 119)
(102, 30, 118)
(102, 31, 117)
(102, 32, 116)
(102, 33, 115)
(102, 34, 114)
(102, 35, 113)
(102, 36, 112)
(102, 37, 111)
(102, 38, 110)
(102, 39, 109)
(102, 40, 108)
(102, 41, 107)
(102, 42, 106)
(102, 43, 105)
(102, 44, 104)
(102, 45, 103)
(102, 46, 102)

(102, 47, 101)
(102, 48, 100)
(102, 49, 99)
(102, 50, 98)
(102, 51, 97)
(102, 52, 96)
(102, 53, 95)
(102, 54, 94)
(102, 55, 93)
(102, 56, 92)
(102, 57, 91)
(102, 58, 90)
(102, 59, 89)
(102, 60, 88)
(102, 61, 87)
(102, 62, 86)
(102, 63, 85)
(102, 64, 84)
(102, 65, 83)
(102, 66, 82)
(102, 67, 81)
(102, 68, 80)
(102, 69, 79)
(102, 70, 78)
(102, 71, 77)
(102, 72, 76)
(102, 73, 75)
(102, 74, 74)
(102, 75, 73)
(102, 76, 72)
(102, 77, 71)
(102, 78, 70)
(102, 79, 69)
(102, 80, 68)
(102, 81, 67)
(102, 82, 66)
(102, 83, 65)
(102, 84, 64)
(102, 85, 63)
(102, 86, 62)
(102, 87, 61)
(102, 88, 60)
(102, 89, 59)
(102, 90, 58)
(102, 91, 57)
(102, 92, 56)
(102, 93, 55)
(102, 94, 54)

(102, 95, 53)
(102, 96, 52)
(102, 97, 51)
(102, 98, 50)
(102, 99, 49)
(102, 100, 48)
(102, 101, 47)
(102, 102, 46)
(102, 103, 45)
(102, 104, 44)
(102, 105, 43)
(102, 106, 42)
(102, 107, 41)
(102, 108, 40)
(102, 109, 39)
(102, 110, 38)
(102, 111, 37)
(102, 112, 36)
(102, 113, 35)
(102, 114, 34)
(102, 115, 33)
(102, 116, 32)
(102, 117, 31)
(102, 118, 30)
(102, 119, 29)
(102, 120, 28)
(102, 121, 27)
(102, 122, 26)
(102, 123, 25)
(102, 124, 24)
(102, 125, 23)
(102, 126, 22)
(102, 127, 21)
(102, 128, 20)
(102, 129, 19)
(102, 130, 18)
(102, 131, 17)
(102, 132, 16)
(102, 133, 15)
(102, 134, 14)
(102, 135, 13)
(102, 136, 12)
(102, 137, 11)
(102, 138, 10)
(102, 139, 9)
(102, 140, 8)
(102, 141, 7)
(102, 142, 6)

(102, 143, 5)
(102, 144, 4)
(102, 145, 3)
(102, 146, 2)
(102, 147, 1)
(102, 148, 0)
(103, 0, 147)
(103, 1, 146)
(103, 2, 145)
(103, 3, 144)
(103, 4, 143)
(103, 5, 142)
(103, 6, 141)
(103, 7, 140)
(103, 8, 139)
(103, 9, 138)
(103, 10, 137)
(103, 11, 136)
(103, 12, 135)
(103, 13, 134)
(103, 14, 133)
(103, 15, 132)
(103, 16, 131)
(103, 17, 130)
(103, 18, 129)
(103, 19, 128)
(103, 20, 127)
(103, 21, 126)
(103, 22, 125)
(103, 23, 124)
(103, 24, 123)
(103, 25, 122)
(103, 26, 121)
(103, 27, 120)
(103, 28, 119)
(103, 29, 118)
(103, 30, 117)
(103, 31, 116)
(103, 32, 115)
(103, 33, 114)
(103, 34, 113)
(103, 35, 112)
(103, 36, 111)
(103, 37, 110)
(103, 38, 109)
(103, 39, 108)
(103, 40, 107)
(103, 41, 106)

(103, 42, 105)
(103, 43, 104)
(103, 44, 103)
(103, 45, 102)
(103, 46, 101)
(103, 47, 100)
(103, 48, 99)
(103, 49, 98)
(103, 50, 97)
(103, 51, 96)
(103, 52, 95)
(103, 53, 94)
(103, 54, 93)
(103, 55, 92)
(103, 56, 91)
(103, 57, 90)
(103, 58, 89)
(103, 59, 88)
(103, 60, 87)
(103, 61, 86)
(103, 62, 85)
(103, 63, 84)
(103, 64, 83)
(103, 65, 82)
(103, 66, 81)
(103, 67, 80)
(103, 68, 79)
(103, 69, 78)
(103, 70, 77)
(103, 71, 76)
(103, 72, 75)
(103, 73, 74)
(103, 74, 73)
(103, 75, 72)
(103, 76, 71)
(103, 77, 70)
(103, 78, 69)
(103, 79, 68)
(103, 80, 67)
(103, 81, 66)
(103, 82, 65)
(103, 83, 64)
(103, 84, 63)
(103, 85, 62)
(103, 86, 61)
(103, 87, 60)
(103, 88, 59)
(103, 89, 58)

(103, 90, 57)
(103, 91, 56)
(103, 92, 55)
(103, 93, 54)
(103, 94, 53)
(103, 95, 52)
(103, 96, 51)
(103, 97, 50)
(103, 98, 49)
(103, 99, 48)
(103, 100, 47)
(103, 101, 46)
(103, 102, 45)
(103, 103, 44)
(103, 104, 43)
(103, 105, 42)
(103, 106, 41)
(103, 107, 40)
(103, 108, 39)
(103, 109, 38)
(103, 110, 37)
(103, 111, 36)
(103, 112, 35)
(103, 113, 34)
(103, 114, 33)
(103, 115, 32)
(103, 116, 31)
(103, 117, 30)
(103, 118, 29)
(103, 119, 28)
(103, 120, 27)
(103, 121, 26)
(103, 122, 25)
(103, 123, 24)
(103, 124, 23)
(103, 125, 22)
(103, 126, 21)
(103, 127, 20)
(103, 128, 19)
(103, 129, 18)
(103, 130, 17)
(103, 131, 16)
(103, 132, 15)
(103, 133, 14)
(103, 134, 13)
(103, 135, 12)
(103, 136, 11)
(103, 137, 10)

(103, 138, 9)
(103, 139, 8)
(103, 140, 7)
(103, 141, 6)
(103, 142, 5)
(103, 143, 4)
(103, 144, 3)
(103, 145, 2)
(103, 146, 1)
(103, 147, 0)
(104, 0, 146)
(104, 1, 145)
(104, 2, 144)
(104, 3, 143)
(104, 4, 142)
(104, 5, 141)
(104, 6, 140)
(104, 7, 139)
(104, 8, 138)
(104, 9, 137)
(104, 10, 136)
(104, 11, 135)
(104, 12, 134)
(104, 13, 133)
(104, 14, 132)
(104, 15, 131)
(104, 16, 130)
(104, 17, 129)
(104, 18, 128)
(104, 19, 127)
(104, 20, 126)
(104, 21, 125)
(104, 22, 124)
(104, 23, 123)
(104, 24, 122)
(104, 25, 121)
(104, 26, 120)
(104, 27, 119)
(104, 28, 118)
(104, 29, 117)
(104, 30, 116)
(104, 31, 115)
(104, 32, 114)
(104, 33, 113)
(104, 34, 112)
(104, 35, 111)
(104, 36, 110)
(104, 37, 109)

(104, 38, 108)
(104, 39, 107)
(104, 40, 106)
(104, 41, 105)
(104, 42, 104)
(104, 43, 103)
(104, 44, 102)
(104, 45, 101)
(104, 46, 100)
(104, 47, 99)
(104, 48, 98)
(104, 49, 97)
(104, 50, 96)
(104, 51, 95)
(104, 52, 94)
(104, 53, 93)
(104, 54, 92)
(104, 55, 91)
(104, 56, 90)
(104, 57, 89)
(104, 58, 88)
(104, 59, 87)
(104, 60, 86)
(104, 61, 85)
(104, 62, 84)
(104, 63, 83)
(104, 64, 82)
(104, 65, 81)
(104, 66, 80)
(104, 67, 79)
(104, 68, 78)
(104, 69, 77)
(104, 70, 76)
(104, 71, 75)
(104, 72, 74)
(104, 73, 73)
(104, 74, 72)
(104, 75, 71)
(104, 76, 70)
(104, 77, 69)
(104, 78, 68)
(104, 79, 67)
(104, 80, 66)
(104, 81, 65)
(104, 82, 64)
(104, 83, 63)
(104, 84, 62)
(104, 85, 61)

(104, 86, 60)
(104, 87, 59)
(104, 88, 58)
(104, 89, 57)
(104, 90, 56)
(104, 91, 55)
(104, 92, 54)
(104, 93, 53)
(104, 94, 52)
(104, 95, 51)
(104, 96, 50)
(104, 97, 49)
(104, 98, 48)
(104, 99, 47)
(104, 100, 46)
(104, 101, 45)
(104, 102, 44)
(104, 103, 43)
(104, 104, 42)
(104, 105, 41)
(104, 106, 40)
(104, 107, 39)
(104, 108, 38)
(104, 109, 37)
(104, 110, 36)
(104, 111, 35)
(104, 112, 34)
(104, 113, 33)
(104, 114, 32)
(104, 115, 31)
(104, 116, 30)
(104, 117, 29)
(104, 118, 28)
(104, 119, 27)
(104, 120, 26)
(104, 121, 25)
(104, 122, 24)
(104, 123, 23)
(104, 124, 22)
(104, 125, 21)
(104, 126, 20)
(104, 127, 19)
(104, 128, 18)
(104, 129, 17)
(104, 130, 16)
(104, 131, 15)
(104, 132, 14)
(104, 133, 13)

(104, 134, 12)
(104, 135, 11)
(104, 136, 10)
(104, 137, 9)
(104, 138, 8)
(104, 139, 7)
(104, 140, 6)
(104, 141, 5)
(104, 142, 4)
(104, 143, 3)
(104, 144, 2)
(104, 145, 1)
(104, 146, 0)
(105, 0, 145)
(105, 1, 144)
(105, 2, 143)
(105, 3, 142)
(105, 4, 141)
(105, 5, 140)
(105, 6, 139)
(105, 7, 138)
(105, 8, 137)
(105, 9, 136)
(105, 10, 135)
(105, 11, 134)
(105, 12, 133)
(105, 13, 132)
(105, 14, 131)
(105, 15, 130)
(105, 16, 129)
(105, 17, 128)
(105, 18, 127)
(105, 19, 126)
(105, 20, 125)
(105, 21, 124)
(105, 22, 123)
(105, 23, 122)
(105, 24, 121)
(105, 25, 120)
(105, 26, 119)
(105, 27, 118)
(105, 28, 117)
(105, 29, 116)
(105, 30, 115)
(105, 31, 114)
(105, 32, 113)
(105, 33, 112)
(105, 34, 111)

(105, 35, 110)
(105, 36, 109)
(105, 37, 108)
(105, 38, 107)
(105, 39, 106)
(105, 40, 105)
(105, 41, 104)
(105, 42, 103)
(105, 43, 102)
(105, 44, 101)
(105, 45, 100)
(105, 46, 99)
(105, 47, 98)
(105, 48, 97)
(105, 49, 96)
(105, 50, 95)
(105, 51, 94)
(105, 52, 93)
(105, 53, 92)
(105, 54, 91)
(105, 55, 90)
(105, 56, 89)
(105, 57, 88)
(105, 58, 87)
(105, 59, 86)
(105, 60, 85)
(105, 61, 84)
(105, 62, 83)
(105, 63, 82)
(105, 64, 81)
(105, 65, 80)
(105, 66, 79)
(105, 67, 78)
(105, 68, 77)
(105, 69, 76)
(105, 70, 75)
(105, 71, 74)
(105, 72, 73)
(105, 73, 72)
(105, 74, 71)
(105, 75, 70)
(105, 76, 69)
(105, 77, 68)
(105, 78, 67)
(105, 79, 66)
(105, 80, 65)
(105, 81, 64)
(105, 82, 63)

(105, 83, 62)
(105, 84, 61)
(105, 85, 60)
(105, 86, 59)
(105, 87, 58)
(105, 88, 57)
(105, 89, 56)
(105, 90, 55)
(105, 91, 54)
(105, 92, 53)
(105, 93, 52)
(105, 94, 51)
(105, 95, 50)
(105, 96, 49)
(105, 97, 48)
(105, 98, 47)
(105, 99, 46)
(105, 100, 45)
(105, 101, 44)
(105, 102, 43)
(105, 103, 42)
(105, 104, 41)
(105, 105, 40)
(105, 106, 39)
(105, 107, 38)
(105, 108, 37)
(105, 109, 36)
(105, 110, 35)
(105, 111, 34)
(105, 112, 33)
(105, 113, 32)
(105, 114, 31)
(105, 115, 30)
(105, 116, 29)
(105, 117, 28)
(105, 118, 27)
(105, 119, 26)
(105, 120, 25)
(105, 121, 24)
(105, 122, 23)
(105, 123, 22)
(105, 124, 21)
(105, 125, 20)
(105, 126, 19)
(105, 127, 18)
(105, 128, 17)
(105, 129, 16)
(105, 130, 15)

(105, 131, 14)
(105, 132, 13)
(105, 133, 12)
(105, 134, 11)
(105, 135, 10)
(105, 136, 9)
(105, 137, 8)
(105, 138, 7)
(105, 139, 6)
(105, 140, 5)
(105, 141, 4)
(105, 142, 3)
(105, 143, 2)
(105, 144, 1)
(105, 145, 0)
(106, 0, 144)
(106, 1, 143)
(106, 2, 142)
(106, 3, 141)
(106, 4, 140)
(106, 5, 139)
(106, 6, 138)
(106, 7, 137)
(106, 8, 136)
(106, 9, 135)
(106, 10, 134)
(106, 11, 133)
(106, 12, 132)
(106, 13, 131)
(106, 14, 130)
(106, 15, 129)
(106, 16, 128)
(106, 17, 127)
(106, 18, 126)
(106, 19, 125)
(106, 20, 124)
(106, 21, 123)
(106, 22, 122)
(106, 23, 121)
(106, 24, 120)
(106, 25, 119)
(106, 26, 118)
(106, 27, 117)
(106, 28, 116)
(106, 29, 115)
(106, 30, 114)
(106, 31, 113)
(106, 32, 112)

(106, 33, 111)
(106, 34, 110)
(106, 35, 109)
(106, 36, 108)
(106, 37, 107)
(106, 38, 106)
(106, 39, 105)
(106, 40, 104)
(106, 41, 103)
(106, 42, 102)
(106, 43, 101)
(106, 44, 100)
(106, 45, 99)
(106, 46, 98)
(106, 47, 97)
(106, 48, 96)
(106, 49, 95)
(106, 50, 94)
(106, 51, 93)
(106, 52, 92)
(106, 53, 91)
(106, 54, 90)
(106, 55, 89)
(106, 56, 88)
(106, 57, 87)
(106, 58, 86)
(106, 59, 85)
(106, 60, 84)
(106, 61, 83)
(106, 62, 82)
(106, 63, 81)
(106, 64, 80)
(106, 65, 79)
(106, 66, 78)
(106, 67, 77)
(106, 68, 76)
(106, 69, 75)
(106, 70, 74)
(106, 71, 73)
(106, 72, 72)
(106, 73, 71)
(106, 74, 70)
(106, 75, 69)
(106, 76, 68)
(106, 77, 67)
(106, 78, 66)
(106, 79, 65)
(106, 80, 64)

(106, 81, 63)
(106, 82, 62)
(106, 83, 61)
(106, 84, 60)
(106, 85, 59)
(106, 86, 58)
(106, 87, 57)
(106, 88, 56)
(106, 89, 55)
(106, 90, 54)
(106, 91, 53)
(106, 92, 52)
(106, 93, 51)
(106, 94, 50)
(106, 95, 49)
(106, 96, 48)
(106, 97, 47)
(106, 98, 46)
(106, 99, 45)
(106, 100, 44)
(106, 101, 43)
(106, 102, 42)
(106, 103, 41)
(106, 104, 40)
(106, 105, 39)
(106, 106, 38)
(106, 107, 37)
(106, 108, 36)
(106, 109, 35)
(106, 110, 34)
(106, 111, 33)
(106, 112, 32)
(106, 113, 31)
(106, 114, 30)
(106, 115, 29)
(106, 116, 28)
(106, 117, 27)
(106, 118, 26)
(106, 119, 25)
(106, 120, 24)
(106, 121, 23)
(106, 122, 22)
(106, 123, 21)
(106, 124, 20)
(106, 125, 19)
(106, 126, 18)
(106, 127, 17)
(106, 128, 16)

(106, 129, 15)
(106, 130, 14)
(106, 131, 13)
(106, 132, 12)
(106, 133, 11)
(106, 134, 10)
(106, 135, 9)
(106, 136, 8)
(106, 137, 7)
(106, 138, 6)
(106, 139, 5)
(106, 140, 4)
(106, 141, 3)
(106, 142, 2)
(106, 143, 1)
(106, 144, 0)
(107, 0, 143)
(107, 1, 142)
(107, 2, 141)
(107, 3, 140)
(107, 4, 139)
(107, 5, 138)
(107, 6, 137)
(107, 7, 136)
(107, 8, 135)
(107, 9, 134)
(107, 10, 133)
(107, 11, 132)
(107, 12, 131)
(107, 13, 130)
(107, 14, 129)
(107, 15, 128)
(107, 16, 127)
(107, 17, 126)
(107, 18, 125)
(107, 19, 124)
(107, 20, 123)
(107, 21, 122)
(107, 22, 121)
(107, 23, 120)
(107, 24, 119)
(107, 25, 118)
(107, 26, 117)
(107, 27, 116)
(107, 28, 115)
(107, 29, 114)
(107, 30, 113)
(107, 31, 112)

(107, 32, 111)
(107, 33, 110)
(107, 34, 109)
(107, 35, 108)
(107, 36, 107)
(107, 37, 106)
(107, 38, 105)
(107, 39, 104)
(107, 40, 103)
(107, 41, 102)
(107, 42, 101)
(107, 43, 100)
(107, 44, 99)
(107, 45, 98)
(107, 46, 97)
(107, 47, 96)
(107, 48, 95)
(107, 49, 94)
(107, 50, 93)
(107, 51, 92)
(107, 52, 91)
(107, 53, 90)
(107, 54, 89)
(107, 55, 88)
(107, 56, 87)
(107, 57, 86)
(107, 58, 85)
(107, 59, 84)
(107, 60, 83)
(107, 61, 82)
(107, 62, 81)
(107, 63, 80)
(107, 64, 79)
(107, 65, 78)
(107, 66, 77)
(107, 67, 76)
(107, 68, 75)
(107, 69, 74)
(107, 70, 73)
(107, 71, 72)
(107, 72, 71)
(107, 73, 70)
(107, 74, 69)
(107, 75, 68)
(107, 76, 67)
(107, 77, 66)
(107, 78, 65)
(107, 79, 64)

(107, 80, 63)
(107, 81, 62)
(107, 82, 61)
(107, 83, 60)
(107, 84, 59)
(107, 85, 58)
(107, 86, 57)
(107, 87, 56)
(107, 88, 55)
(107, 89, 54)
(107, 90, 53)
(107, 91, 52)
(107, 92, 51)
(107, 93, 50)
(107, 94, 49)
(107, 95, 48)
(107, 96, 47)
(107, 97, 46)
(107, 98, 45)
(107, 99, 44)
(107, 100, 43)
(107, 101, 42)
(107, 102, 41)
(107, 103, 40)
(107, 104, 39)
(107, 105, 38)
(107, 106, 37)
(107, 107, 36)
(107, 108, 35)
(107, 109, 34)
(107, 110, 33)
(107, 111, 32)
(107, 112, 31)
(107, 113, 30)
(107, 114, 29)
(107, 115, 28)
(107, 116, 27)
(107, 117, 26)
(107, 118, 25)
(107, 119, 24)
(107, 120, 23)
(107, 121, 22)
(107, 122, 21)
(107, 123, 20)
(107, 124, 19)
(107, 125, 18)
(107, 126, 17)
(107, 127, 16)

(107, 128, 15)
(107, 129, 14)
(107, 130, 13)
(107, 131, 12)
(107, 132, 11)
(107, 133, 10)
(107, 134, 9)
(107, 135, 8)
(107, 136, 7)
(107, 137, 6)
(107, 138, 5)
(107, 139, 4)
(107, 140, 3)
(107, 141, 2)
(107, 142, 1)
(107, 143, 0)
(108, 0, 142)
(108, 1, 141)
(108, 2, 140)
(108, 3, 139)
(108, 4, 138)
(108, 5, 137)
(108, 6, 136)
(108, 7, 135)
(108, 8, 134)
(108, 9, 133)
(108, 10, 132)
(108, 11, 131)
(108, 12, 130)
(108, 13, 129)
(108, 14, 128)
(108, 15, 127)
(108, 16, 126)
(108, 17, 125)
(108, 18, 124)
(108, 19, 123)
(108, 20, 122)
(108, 21, 121)
(108, 22, 120)
(108, 23, 119)
(108, 24, 118)
(108, 25, 117)
(108, 26, 116)
(108, 27, 115)
(108, 28, 114)
(108, 29, 113)
(108, 30, 112)
(108, 31, 111)

(108, 32, 110)
(108, 33, 109)
(108, 34, 108)
(108, 35, 107)
(108, 36, 106)
(108, 37, 105)
(108, 38, 104)
(108, 39, 103)
(108, 40, 102)
(108, 41, 101)
(108, 42, 100)
(108, 43, 99)
(108, 44, 98)
(108, 45, 97)
(108, 46, 96)
(108, 47, 95)
(108, 48, 94)
(108, 49, 93)
(108, 50, 92)
(108, 51, 91)
(108, 52, 90)
(108, 53, 89)
(108, 54, 88)
(108, 55, 87)
(108, 56, 86)
(108, 57, 85)
(108, 58, 84)
(108, 59, 83)
(108, 60, 82)
(108, 61, 81)
(108, 62, 80)
(108, 63, 79)
(108, 64, 78)
(108, 65, 77)
(108, 66, 76)
(108, 67, 75)
(108, 68, 74)
(108, 69, 73)
(108, 70, 72)
(108, 71, 71)
(108, 72, 70)
(108, 73, 69)
(108, 74, 68)
(108, 75, 67)
(108, 76, 66)
(108, 77, 65)
(108, 78, 64)
(108, 79, 63)

(108, 80, 62)
(108, 81, 61)
(108, 82, 60)
(108, 83, 59)
(108, 84, 58)
(108, 85, 57)
(108, 86, 56)
(108, 87, 55)
(108, 88, 54)
(108, 89, 53)
(108, 90, 52)
(108, 91, 51)
(108, 92, 50)
(108, 93, 49)
(108, 94, 48)
(108, 95, 47)
(108, 96, 46)
(108, 97, 45)
(108, 98, 44)
(108, 99, 43)
(108, 100, 42)
(108, 101, 41)
(108, 102, 40)
(108, 103, 39)
(108, 104, 38)
(108, 105, 37)
(108, 106, 36)
(108, 107, 35)
(108, 108, 34)
(108, 109, 33)
(108, 110, 32)
(108, 111, 31)
(108, 112, 30)
(108, 113, 29)
(108, 114, 28)
(108, 115, 27)
(108, 116, 26)
(108, 117, 25)
(108, 118, 24)
(108, 119, 23)
(108, 120, 22)
(108, 121, 21)
(108, 122, 20)
(108, 123, 19)
(108, 124, 18)
(108, 125, 17)
(108, 126, 16)
(108, 127, 15)

(108, 128, 14)
(108, 129, 13)
(108, 130, 12)
(108, 131, 11)
(108, 132, 10)
(108, 133, 9)
(108, 134, 8)
(108, 135, 7)
(108, 136, 6)
(108, 137, 5)
(108, 138, 4)
(108, 139, 3)
(108, 140, 2)
(108, 141, 1)
(108, 142, 0)
(109, 0, 141)
(109, 1, 140)
(109, 2, 139)
(109, 3, 138)
(109, 4, 137)
(109, 5, 136)
(109, 6, 135)
(109, 7, 134)
(109, 8, 133)
(109, 9, 132)
(109, 10, 131)
(109, 11, 130)
(109, 12, 129)
(109, 13, 128)
(109, 14, 127)
(109, 15, 126)
(109, 16, 125)
(109, 17, 124)
(109, 18, 123)
(109, 19, 122)
(109, 20, 121)
(109, 21, 120)
(109, 22, 119)
(109, 23, 118)
(109, 24, 117)
(109, 25, 116)
(109, 26, 115)
(109, 27, 114)
(109, 28, 113)
(109, 29, 112)
(109, 30, 111)
(109, 31, 110)
(109, 32, 109)

(109, 33, 108)
(109, 34, 107)
(109, 35, 106)
(109, 36, 105)
(109, 37, 104)
(109, 38, 103)
(109, 39, 102)
(109, 40, 101)
(109, 41, 100)
(109, 42, 99)
(109, 43, 98)
(109, 44, 97)
(109, 45, 96)
(109, 46, 95)
(109, 47, 94)
(109, 48, 93)
(109, 49, 92)
(109, 50, 91)
(109, 51, 90)
(109, 52, 89)
(109, 53, 88)
(109, 54, 87)
(109, 55, 86)
(109, 56, 85)
(109, 57, 84)
(109, 58, 83)
(109, 59, 82)
(109, 60, 81)
(109, 61, 80)
(109, 62, 79)
(109, 63, 78)
(109, 64, 77)
(109, 65, 76)
(109, 66, 75)
(109, 67, 74)
(109, 68, 73)
(109, 69, 72)
(109, 70, 71)
(109, 71, 70)
(109, 72, 69)
(109, 73, 68)
(109, 74, 67)
(109, 75, 66)
(109, 76, 65)
(109, 77, 64)
(109, 78, 63)
(109, 79, 62)
(109, 80, 61)

(109, 81, 60)
(109, 82, 59)
(109, 83, 58)
(109, 84, 57)
(109, 85, 56)
(109, 86, 55)
(109, 87, 54)
(109, 88, 53)
(109, 89, 52)
(109, 90, 51)
(109, 91, 50)
(109, 92, 49)
(109, 93, 48)
(109, 94, 47)
(109, 95, 46)
(109, 96, 45)
(109, 97, 44)
(109, 98, 43)
(109, 99, 42)
(109, 100, 41)
(109, 101, 40)
(109, 102, 39)
(109, 103, 38)
(109, 104, 37)
(109, 105, 36)
(109, 106, 35)
(109, 107, 34)
(109, 108, 33)
(109, 109, 32)
(109, 110, 31)
(109, 111, 30)
(109, 112, 29)
(109, 113, 28)
(109, 114, 27)
(109, 115, 26)
(109, 116, 25)
(109, 117, 24)
(109, 118, 23)
(109, 119, 22)
(109, 120, 21)
(109, 121, 20)
(109, 122, 19)
(109, 123, 18)
(109, 124, 17)
(109, 125, 16)
(109, 126, 15)
(109, 127, 14)
(109, 128, 13)

(109, 129, 12)
(109, 130, 11)
(109, 131, 10)
(109, 132, 9)
(109, 133, 8)
(109, 134, 7)
(109, 135, 6)
(109, 136, 5)
(109, 137, 4)
(109, 138, 3)
(109, 139, 2)
(109, 140, 1)
(109, 141, 0)
(110, 0, 140)
(110, 1, 139)
(110, 2, 138)
(110, 3, 137)
(110, 4, 136)
(110, 5, 135)
(110, 6, 134)
(110, 7, 133)
(110, 8, 132)
(110, 9, 131)
(110, 10, 130)
(110, 11, 129)
(110, 12, 128)
(110, 13, 127)
(110, 14, 126)
(110, 15, 125)
(110, 16, 124)
(110, 17, 123)
(110, 18, 122)
(110, 19, 121)
(110, 20, 120)
(110, 21, 119)
(110, 22, 118)
(110, 23, 117)
(110, 24, 116)
(110, 25, 115)
(110, 26, 114)
(110, 27, 113)
(110, 28, 112)
(110, 29, 111)
(110, 30, 110)
(110, 31, 109)
(110, 32, 108)
(110, 33, 107)
(110, 34, 106)

(110, 35, 105)
(110, 36, 104)
(110, 37, 103)
(110, 38, 102)
(110, 39, 101)
(110, 40, 100)
(110, 41, 99)
(110, 42, 98)
(110, 43, 97)
(110, 44, 96)
(110, 45, 95)
(110, 46, 94)
(110, 47, 93)
(110, 48, 92)
(110, 49, 91)
(110, 50, 90)
(110, 51, 89)
(110, 52, 88)
(110, 53, 87)
(110, 54, 86)
(110, 55, 85)
(110, 56, 84)
(110, 57, 83)
(110, 58, 82)
(110, 59, 81)
(110, 60, 80)
(110, 61, 79)
(110, 62, 78)
(110, 63, 77)
(110, 64, 76)
(110, 65, 75)
(110, 66, 74)
(110, 67, 73)
(110, 68, 72)
(110, 69, 71)
(110, 70, 70)
(110, 71, 69)
(110, 72, 68)
(110, 73, 67)
(110, 74, 66)
(110, 75, 65)
(110, 76, 64)
(110, 77, 63)
(110, 78, 62)
(110, 79, 61)
(110, 80, 60)
(110, 81, 59)
(110, 82, 58)

(110, 83, 57)
(110, 84, 56)
(110, 85, 55)
(110, 86, 54)
(110, 87, 53)
(110, 88, 52)
(110, 89, 51)
(110, 90, 50)
(110, 91, 49)
(110, 92, 48)
(110, 93, 47)
(110, 94, 46)
(110, 95, 45)
(110, 96, 44)
(110, 97, 43)
(110, 98, 42)
(110, 99, 41)
(110, 100, 40)
(110, 101, 39)
(110, 102, 38)
(110, 103, 37)
(110, 104, 36)
(110, 105, 35)
(110, 106, 34)
(110, 107, 33)
(110, 108, 32)
(110, 109, 31)
(110, 110, 30)
(110, 111, 29)
(110, 112, 28)
(110, 113, 27)
(110, 114, 26)
(110, 115, 25)
(110, 116, 24)
(110, 117, 23)
(110, 118, 22)
(110, 119, 21)
(110, 120, 20)
(110, 121, 19)
(110, 122, 18)
(110, 123, 17)
(110, 124, 16)
(110, 125, 15)
(110, 126, 14)
(110, 127, 13)
(110, 128, 12)
(110, 129, 11)
(110, 130, 10)

(110, 131, 9)
(110, 132, 8)
(110, 133, 7)
(110, 134, 6)
(110, 135, 5)
(110, 136, 4)
(110, 137, 3)
(110, 138, 2)
(110, 139, 1)
(110, 140, 0)
(111, 0, 139)
(111, 1, 138)
(111, 2, 137)
(111, 3, 136)
(111, 4, 135)
(111, 5, 134)
(111, 6, 133)
(111, 7, 132)
(111, 8, 131)
(111, 9, 130)
(111, 10, 129)
(111, 11, 128)
(111, 12, 127)
(111, 13, 126)
(111, 14, 125)
(111, 15, 124)
(111, 16, 123)
(111, 17, 122)
(111, 18, 121)
(111, 19, 120)
(111, 20, 119)
(111, 21, 118)
(111, 22, 117)
(111, 23, 116)
(111, 24, 115)
(111, 25, 114)
(111, 26, 113)
(111, 27, 112)
(111, 28, 111)
(111, 29, 110)
(111, 30, 109)
(111, 31, 108)
(111, 32, 107)
(111, 33, 106)
(111, 34, 105)
(111, 35, 104)
(111, 36, 103)
(111, 37, 102)

(111, 38, 101)
(111, 39, 100)
(111, 40, 99)
(111, 41, 98)
(111, 42, 97)
(111, 43, 96)
(111, 44, 95)
(111, 45, 94)
(111, 46, 93)
(111, 47, 92)
(111, 48, 91)
(111, 49, 90)
(111, 50, 89)
(111, 51, 88)
(111, 52, 87)
(111, 53, 86)
(111, 54, 85)
(111, 55, 84)
(111, 56, 83)
(111, 57, 82)
(111, 58, 81)
(111, 59, 80)
(111, 60, 79)
(111, 61, 78)
(111, 62, 77)
(111, 63, 76)
(111, 64, 75)
(111, 65, 74)
(111, 66, 73)
(111, 67, 72)
(111, 68, 71)
(111, 69, 70)
(111, 70, 69)
(111, 71, 68)
(111, 72, 67)
(111, 73, 66)
(111, 74, 65)
(111, 75, 64)
(111, 76, 63)
(111, 77, 62)
(111, 78, 61)
(111, 79, 60)
(111, 80, 59)
(111, 81, 58)
(111, 82, 57)
(111, 83, 56)
(111, 84, 55)
(111, 85, 54)

(111, 86, 53)
(111, 87, 52)
(111, 88, 51)
(111, 89, 50)
(111, 90, 49)
(111, 91, 48)
(111, 92, 47)
(111, 93, 46)
(111, 94, 45)
(111, 95, 44)
(111, 96, 43)
(111, 97, 42)
(111, 98, 41)
(111, 99, 40)
(111, 100, 39)
(111, 101, 38)
(111, 102, 37)
(111, 103, 36)
(111, 104, 35)
(111, 105, 34)
(111, 106, 33)
(111, 107, 32)
(111, 108, 31)
(111, 109, 30)
(111, 110, 29)
(111, 111, 28)
(111, 112, 27)
(111, 113, 26)
(111, 114, 25)
(111, 115, 24)
(111, 116, 23)
(111, 117, 22)
(111, 118, 21)
(111, 119, 20)
(111, 120, 19)
(111, 121, 18)
(111, 122, 17)
(111, 123, 16)
(111, 124, 15)
(111, 125, 14)
(111, 126, 13)
(111, 127, 12)
(111, 128, 11)
(111, 129, 10)
(111, 130, 9)
(111, 131, 8)
(111, 132, 7)
(111, 133, 6)

(111, 134, 5)
(111, 135, 4)
(111, 136, 3)
(111, 137, 2)
(111, 138, 1)
(111, 139, 0)
(112, 0, 138)
(112, 1, 137)
(112, 2, 136)
(112, 3, 135)
(112, 4, 134)
(112, 5, 133)
(112, 6, 132)
(112, 7, 131)
(112, 8, 130)
(112, 9, 129)
(112, 10, 128)
(112, 11, 127)
(112, 12, 126)
(112, 13, 125)
(112, 14, 124)
(112, 15, 123)
(112, 16, 122)
(112, 17, 121)
(112, 18, 120)
(112, 19, 119)
(112, 20, 118)
(112, 21, 117)
(112, 22, 116)
(112, 23, 115)
(112, 24, 114)
(112, 25, 113)
(112, 26, 112)
(112, 27, 111)
(112, 28, 110)
(112, 29, 109)
(112, 30, 108)
(112, 31, 107)
(112, 32, 106)
(112, 33, 105)
(112, 34, 104)
(112, 35, 103)
(112, 36, 102)
(112, 37, 101)
(112, 38, 100)
(112, 39, 99)
(112, 40, 98)
(112, 41, 97)

(112, 42, 96)
(112, 43, 95)
(112, 44, 94)
(112, 45, 93)
(112, 46, 92)
(112, 47, 91)
(112, 48, 90)
(112, 49, 89)
(112, 50, 88)
(112, 51, 87)
(112, 52, 86)
(112, 53, 85)
(112, 54, 84)
(112, 55, 83)
(112, 56, 82)
(112, 57, 81)
(112, 58, 80)
(112, 59, 79)
(112, 60, 78)
(112, 61, 77)
(112, 62, 76)
(112, 63, 75)
(112, 64, 74)
(112, 65, 73)
(112, 66, 72)
(112, 67, 71)
(112, 68, 70)
(112, 69, 69)
(112, 70, 68)
(112, 71, 67)
(112, 72, 66)
(112, 73, 65)
(112, 74, 64)
(112, 75, 63)
(112, 76, 62)
(112, 77, 61)
(112, 78, 60)
(112, 79, 59)
(112, 80, 58)
(112, 81, 57)
(112, 82, 56)
(112, 83, 55)
(112, 84, 54)
(112, 85, 53)
(112, 86, 52)
(112, 87, 51)
(112, 88, 50)
(112, 89, 49)

(112, 90, 48)
(112, 91, 47)
(112, 92, 46)
(112, 93, 45)
(112, 94, 44)
(112, 95, 43)
(112, 96, 42)
(112, 97, 41)
(112, 98, 40)
(112, 99, 39)
(112, 100, 38)
(112, 101, 37)
(112, 102, 36)
(112, 103, 35)
(112, 104, 34)
(112, 105, 33)
(112, 106, 32)
(112, 107, 31)
(112, 108, 30)
(112, 109, 29)
(112, 110, 28)
(112, 111, 27)
(112, 112, 26)
(112, 113, 25)
(112, 114, 24)
(112, 115, 23)
(112, 116, 22)
(112, 117, 21)
(112, 118, 20)
(112, 119, 19)
(112, 120, 18)
(112, 121, 17)
(112, 122, 16)
(112, 123, 15)
(112, 124, 14)
(112, 125, 13)
(112, 126, 12)
(112, 127, 11)
(112, 128, 10)
(112, 129, 9)
(112, 130, 8)
(112, 131, 7)
(112, 132, 6)
(112, 133, 5)
(112, 134, 4)
(112, 135, 3)
(112, 136, 2)
(112, 137, 1)

(112, 138, 0)
(113, 0, 137)
(113, 1, 136)
(113, 2, 135)
(113, 3, 134)
(113, 4, 133)
(113, 5, 132)
(113, 6, 131)
(113, 7, 130)
(113, 8, 129)
(113, 9, 128)
(113, 10, 127)
(113, 11, 126)
(113, 12, 125)
(113, 13, 124)
(113, 14, 123)
(113, 15, 122)
(113, 16, 121)
(113, 17, 120)
(113, 18, 119)
(113, 19, 118)
(113, 20, 117)
(113, 21, 116)
(113, 22, 115)
(113, 23, 114)
(113, 24, 113)
(113, 25, 112)
(113, 26, 111)
(113, 27, 110)
(113, 28, 109)
(113, 29, 108)
(113, 30, 107)
(113, 31, 106)
(113, 32, 105)
(113, 33, 104)
(113, 34, 103)
(113, 35, 102)
(113, 36, 101)
(113, 37, 100)
(113, 38, 99)
(113, 39, 98)
(113, 40, 97)
(113, 41, 96)
(113, 42, 95)
(113, 43, 94)
(113, 44, 93)
(113, 45, 92)
(113, 46, 91)

(113, 47, 90)
(113, 48, 89)
(113, 49, 88)
(113, 50, 87)
(113, 51, 86)
(113, 52, 85)
(113, 53, 84)
(113, 54, 83)
(113, 55, 82)
(113, 56, 81)
(113, 57, 80)
(113, 58, 79)
(113, 59, 78)
(113, 60, 77)
(113, 61, 76)
(113, 62, 75)
(113, 63, 74)
(113, 64, 73)
(113, 65, 72)
(113, 66, 71)
(113, 67, 70)
(113, 68, 69)
(113, 69, 68)
(113, 70, 67)
(113, 71, 66)
(113, 72, 65)
(113, 73, 64)
(113, 74, 63)
(113, 75, 62)
(113, 76, 61)
(113, 77, 60)
(113, 78, 59)
(113, 79, 58)
(113, 80, 57)
(113, 81, 56)
(113, 82, 55)
(113, 83, 54)
(113, 84, 53)
(113, 85, 52)
(113, 86, 51)
(113, 87, 50)
(113, 88, 49)
(113, 89, 48)
(113, 90, 47)
(113, 91, 46)
(113, 92, 45)
(113, 93, 44)
(113, 94, 43)

(113, 95, 42)
(113, 96, 41)
(113, 97, 40)
(113, 98, 39)
(113, 99, 38)
(113, 100, 37)
(113, 101, 36)
(113, 102, 35)
(113, 103, 34)
(113, 104, 33)
(113, 105, 32)
(113, 106, 31)
(113, 107, 30)
(113, 108, 29)
(113, 109, 28)
(113, 110, 27)
(113, 111, 26)
(113, 112, 25)
(113, 113, 24)
(113, 114, 23)
(113, 115, 22)
(113, 116, 21)
(113, 117, 20)
(113, 118, 19)
(113, 119, 18)
(113, 120, 17)
(113, 121, 16)
(113, 122, 15)
(113, 123, 14)
(113, 124, 13)
(113, 125, 12)
(113, 126, 11)
(113, 127, 10)
(113, 128, 9)
(113, 129, 8)
(113, 130, 7)
(113, 131, 6)
(113, 132, 5)
(113, 133, 4)
(113, 134, 3)
(113, 135, 2)
(113, 136, 1)
(113, 137, 0)
(114, 0, 136)
(114, 1, 135)
(114, 2, 134)
(114, 3, 133)
(114, 4, 132)

(114, 5, 131)
(114, 6, 130)
(114, 7, 129)
(114, 8, 128)
(114, 9, 127)
(114, 10, 126)
(114, 11, 125)
(114, 12, 124)
(114, 13, 123)
(114, 14, 122)
(114, 15, 121)
(114, 16, 120)
(114, 17, 119)
(114, 18, 118)
(114, 19, 117)
(114, 20, 116)
(114, 21, 115)
(114, 22, 114)
(114, 23, 113)
(114, 24, 112)
(114, 25, 111)
(114, 26, 110)
(114, 27, 109)
(114, 28, 108)
(114, 29, 107)
(114, 30, 106)
(114, 31, 105)
(114, 32, 104)
(114, 33, 103)
(114, 34, 102)
(114, 35, 101)
(114, 36, 100)
(114, 37, 99)
(114, 38, 98)
(114, 39, 97)
(114, 40, 96)
(114, 41, 95)
(114, 42, 94)
(114, 43, 93)
(114, 44, 92)
(114, 45, 91)
(114, 46, 90)
(114, 47, 89)
(114, 48, 88)
(114, 49, 87)
(114, 50, 86)
(114, 51, 85)
(114, 52, 84)

(114, 53, 83)
(114, 54, 82)
(114, 55, 81)
(114, 56, 80)
(114, 57, 79)
(114, 58, 78)
(114, 59, 77)
(114, 60, 76)
(114, 61, 75)
(114, 62, 74)
(114, 63, 73)
(114, 64, 72)
(114, 65, 71)
(114, 66, 70)
(114, 67, 69)
(114, 68, 68)
(114, 69, 67)
(114, 70, 66)
(114, 71, 65)
(114, 72, 64)
(114, 73, 63)
(114, 74, 62)
(114, 75, 61)
(114, 76, 60)
(114, 77, 59)
(114, 78, 58)
(114, 79, 57)
(114, 80, 56)
(114, 81, 55)
(114, 82, 54)
(114, 83, 53)
(114, 84, 52)
(114, 85, 51)
(114, 86, 50)
(114, 87, 49)
(114, 88, 48)
(114, 89, 47)
(114, 90, 46)
(114, 91, 45)
(114, 92, 44)
(114, 93, 43)
(114, 94, 42)
(114, 95, 41)
(114, 96, 40)
(114, 97, 39)
(114, 98, 38)
(114, 99, 37)
(114, 100, 36)

(114, 101, 35)
(114, 102, 34)
(114, 103, 33)
(114, 104, 32)
(114, 105, 31)
(114, 106, 30)
(114, 107, 29)
(114, 108, 28)
(114, 109, 27)
(114, 110, 26)
(114, 111, 25)
(114, 112, 24)
(114, 113, 23)
(114, 114, 22)
(114, 115, 21)
(114, 116, 20)
(114, 117, 19)
(114, 118, 18)
(114, 119, 17)
(114, 120, 16)
(114, 121, 15)
(114, 122, 14)
(114, 123, 13)
(114, 124, 12)
(114, 125, 11)
(114, 126, 10)
(114, 127, 9)
(114, 128, 8)
(114, 129, 7)
(114, 130, 6)
(114, 131, 5)
(114, 132, 4)
(114, 133, 3)
(114, 134, 2)
(114, 135, 1)
(114, 136, 0)
(115, 0, 135)
(115, 1, 134)
(115, 2, 133)
(115, 3, 132)
(115, 4, 131)
(115, 5, 130)
(115, 6, 129)
(115, 7, 128)
(115, 8, 127)
(115, 9, 126)
(115, 10, 125)
(115, 11, 124)

(115, 12, 123)
(115, 13, 122)
(115, 14, 121)
(115, 15, 120)
(115, 16, 119)
(115, 17, 118)
(115, 18, 117)
(115, 19, 116)
(115, 20, 115)
(115, 21, 114)
(115, 22, 113)
(115, 23, 112)
(115, 24, 111)
(115, 25, 110)
(115, 26, 109)
(115, 27, 108)
(115, 28, 107)
(115, 29, 106)
(115, 30, 105)
(115, 31, 104)
(115, 32, 103)
(115, 33, 102)
(115, 34, 101)
(115, 35, 100)
(115, 36, 99)
(115, 37, 98)
(115, 38, 97)
(115, 39, 96)
(115, 40, 95)
(115, 41, 94)
(115, 42, 93)
(115, 43, 92)
(115, 44, 91)
(115, 45, 90)
(115, 46, 89)
(115, 47, 88)
(115, 48, 87)
(115, 49, 86)
(115, 50, 85)
(115, 51, 84)
(115, 52, 83)
(115, 53, 82)
(115, 54, 81)
(115, 55, 80)
(115, 56, 79)
(115, 57, 78)
(115, 58, 77)
(115, 59, 76)

(115, 60, 75)
(115, 61, 74)
(115, 62, 73)
(115, 63, 72)
(115, 64, 71)
(115, 65, 70)
(115, 66, 69)
(115, 67, 68)
(115, 68, 67)
(115, 69, 66)
(115, 70, 65)
(115, 71, 64)
(115, 72, 63)
(115, 73, 62)
(115, 74, 61)
(115, 75, 60)
(115, 76, 59)
(115, 77, 58)
(115, 78, 57)
(115, 79, 56)
(115, 80, 55)
(115, 81, 54)
(115, 82, 53)
(115, 83, 52)
(115, 84, 51)
(115, 85, 50)
(115, 86, 49)
(115, 87, 48)
(115, 88, 47)
(115, 89, 46)
(115, 90, 45)
(115, 91, 44)
(115, 92, 43)
(115, 93, 42)
(115, 94, 41)
(115, 95, 40)
(115, 96, 39)
(115, 97, 38)
(115, 98, 37)
(115, 99, 36)
(115, 100, 35)
(115, 101, 34)
(115, 102, 33)
(115, 103, 32)
(115, 104, 31)
(115, 105, 30)
(115, 106, 29)
(115, 107, 28)

(115, 108, 27)
(115, 109, 26)
(115, 110, 25)
(115, 111, 24)
(115, 112, 23)
(115, 113, 22)
(115, 114, 21)
(115, 115, 20)
(115, 116, 19)
(115, 117, 18)
(115, 118, 17)
(115, 119, 16)
(115, 120, 15)
(115, 121, 14)
(115, 122, 13)
(115, 123, 12)
(115, 124, 11)
(115, 125, 10)
(115, 126, 9)
(115, 127, 8)
(115, 128, 7)
(115, 129, 6)
(115, 130, 5)
(115, 131, 4)
(115, 132, 3)
(115, 133, 2)
(115, 134, 1)
(115, 135, 0)
(116, 0, 134)
(116, 1, 133)
(116, 2, 132)
(116, 3, 131)
(116, 4, 130)
(116, 5, 129)
(116, 6, 128)
(116, 7, 127)
(116, 8, 126)
(116, 9, 125)
(116, 10, 124)
(116, 11, 123)
(116, 12, 122)
(116, 13, 121)
(116, 14, 120)
(116, 15, 119)
(116, 16, 118)
(116, 17, 117)
(116, 18, 116)
(116, 19, 115)

(116, 20, 114)
(116, 21, 113)
(116, 22, 112)
(116, 23, 111)
(116, 24, 110)
(116, 25, 109)
(116, 26, 108)
(116, 27, 107)
(116, 28, 106)
(116, 29, 105)
(116, 30, 104)
(116, 31, 103)
(116, 32, 102)
(116, 33, 101)
(116, 34, 100)
(116, 35, 99)
(116, 36, 98)
(116, 37, 97)
(116, 38, 96)
(116, 39, 95)
(116, 40, 94)
(116, 41, 93)
(116, 42, 92)
(116, 43, 91)
(116, 44, 90)
(116, 45, 89)
(116, 46, 88)
(116, 47, 87)
(116, 48, 86)
(116, 49, 85)
(116, 50, 84)
(116, 51, 83)
(116, 52, 82)
(116, 53, 81)
(116, 54, 80)
(116, 55, 79)
(116, 56, 78)
(116, 57, 77)
(116, 58, 76)
(116, 59, 75)
(116, 60, 74)
(116, 61, 73)
(116, 62, 72)
(116, 63, 71)
(116, 64, 70)
(116, 65, 69)
(116, 66, 68)
(116, 67, 67)

(116, 68, 66)
(116, 69, 65)
(116, 70, 64)
(116, 71, 63)
(116, 72, 62)
(116, 73, 61)
(116, 74, 60)
(116, 75, 59)
(116, 76, 58)
(116, 77, 57)
(116, 78, 56)
(116, 79, 55)
(116, 80, 54)
(116, 81, 53)
(116, 82, 52)
(116, 83, 51)
(116, 84, 50)
(116, 85, 49)
(116, 86, 48)
(116, 87, 47)
(116, 88, 46)
(116, 89, 45)
(116, 90, 44)
(116, 91, 43)
(116, 92, 42)
(116, 93, 41)
(116, 94, 40)
(116, 95, 39)
(116, 96, 38)
(116, 97, 37)
(116, 98, 36)
(116, 99, 35)
(116, 100, 34)
(116, 101, 33)
(116, 102, 32)
(116, 103, 31)
(116, 104, 30)
(116, 105, 29)
(116, 106, 28)
(116, 107, 27)
(116, 108, 26)
(116, 109, 25)
(116, 110, 24)
(116, 111, 23)
(116, 112, 22)
(116, 113, 21)
(116, 114, 20)
(116, 115, 19)

(116, 116, 18)
(116, 117, 17)
(116, 118, 16)
(116, 119, 15)
(116, 120, 14)
(116, 121, 13)
(116, 122, 12)
(116, 123, 11)
(116, 124, 10)
(116, 125, 9)
(116, 126, 8)
(116, 127, 7)
(116, 128, 6)
(116, 129, 5)
(116, 130, 4)
(116, 131, 3)
(116, 132, 2)
(116, 133, 1)
(116, 134, 0)
(117, 0, 133)
(117, 1, 132)
(117, 2, 131)
(117, 3, 130)
(117, 4, 129)
(117, 5, 128)
(117, 6, 127)
(117, 7, 126)
(117, 8, 125)
(117, 9, 124)
(117, 10, 123)
(117, 11, 122)
(117, 12, 121)
(117, 13, 120)
(117, 14, 119)
(117, 15, 118)
(117, 16, 117)
(117, 17, 116)
(117, 18, 115)
(117, 19, 114)
(117, 20, 113)
(117, 21, 112)
(117, 22, 111)
(117, 23, 110)
(117, 24, 109)
(117, 25, 108)
(117, 26, 107)
(117, 27, 106)
(117, 28, 105)

(117, 29, 104)
(117, 30, 103)
(117, 31, 102)
(117, 32, 101)
(117, 33, 100)
(117, 34, 99)
(117, 35, 98)
(117, 36, 97)
(117, 37, 96)
(117, 38, 95)
(117, 39, 94)
(117, 40, 93)
(117, 41, 92)
(117, 42, 91)
(117, 43, 90)
(117, 44, 89)
(117, 45, 88)
(117, 46, 87)
(117, 47, 86)
(117, 48, 85)
(117, 49, 84)
(117, 50, 83)
(117, 51, 82)
(117, 52, 81)
(117, 53, 80)
(117, 54, 79)
(117, 55, 78)
(117, 56, 77)
(117, 57, 76)
(117, 58, 75)
(117, 59, 74)
(117, 60, 73)
(117, 61, 72)
(117, 62, 71)
(117, 63, 70)
(117, 64, 69)
(117, 65, 68)
(117, 66, 67)
(117, 67, 66)
(117, 68, 65)
(117, 69, 64)
(117, 70, 63)
(117, 71, 62)
(117, 72, 61)
(117, 73, 60)
(117, 74, 59)
(117, 75, 58)
(117, 76, 57)

(117, 77, 56)
(117, 78, 55)
(117, 79, 54)
(117, 80, 53)
(117, 81, 52)
(117, 82, 51)
(117, 83, 50)
(117, 84, 49)
(117, 85, 48)
(117, 86, 47)
(117, 87, 46)
(117, 88, 45)
(117, 89, 44)
(117, 90, 43)
(117, 91, 42)
(117, 92, 41)
(117, 93, 40)
(117, 94, 39)
(117, 95, 38)
(117, 96, 37)
(117, 97, 36)
(117, 98, 35)
(117, 99, 34)
(117, 100, 33)
(117, 101, 32)
(117, 102, 31)
(117, 103, 30)
(117, 104, 29)
(117, 105, 28)
(117, 106, 27)
(117, 107, 26)
(117, 108, 25)
(117, 109, 24)
(117, 110, 23)
(117, 111, 22)
(117, 112, 21)
(117, 113, 20)
(117, 114, 19)
(117, 115, 18)
(117, 116, 17)
(117, 117, 16)
(117, 118, 15)
(117, 119, 14)
(117, 120, 13)
(117, 121, 12)
(117, 122, 11)
(117, 123, 10)
(117, 124, 9)

(117, 125, 8)
(117, 126, 7)
(117, 127, 6)
(117, 128, 5)
(117, 129, 4)
(117, 130, 3)
(117, 131, 2)
(117, 132, 1)
(117, 133, 0)
(118, 0, 132)
(118, 1, 131)
(118, 2, 130)
(118, 3, 129)
(118, 4, 128)
(118, 5, 127)
(118, 6, 126)
(118, 7, 125)
(118, 8, 124)
(118, 9, 123)
(118, 10, 122)
(118, 11, 121)
(118, 12, 120)
(118, 13, 119)
(118, 14, 118)
(118, 15, 117)
(118, 16, 116)
(118, 17, 115)
(118, 18, 114)
(118, 19, 113)
(118, 20, 112)
(118, 21, 111)
(118, 22, 110)
(118, 23, 109)
(118, 24, 108)
(118, 25, 107)
(118, 26, 106)
(118, 27, 105)
(118, 28, 104)
(118, 29, 103)
(118, 30, 102)
(118, 31, 101)
(118, 32, 100)
(118, 33, 99)
(118, 34, 98)
(118, 35, 97)
(118, 36, 96)
(118, 37, 95)
(118, 38, 94)

(118, 39, 93)
(118, 40, 92)
(118, 41, 91)
(118, 42, 90)
(118, 43, 89)
(118, 44, 88)
(118, 45, 87)
(118, 46, 86)
(118, 47, 85)
(118, 48, 84)
(118, 49, 83)
(118, 50, 82)
(118, 51, 81)
(118, 52, 80)
(118, 53, 79)
(118, 54, 78)
(118, 55, 77)
(118, 56, 76)
(118, 57, 75)
(118, 58, 74)
(118, 59, 73)
(118, 60, 72)
(118, 61, 71)
(118, 62, 70)
(118, 63, 69)
(118, 64, 68)
(118, 65, 67)
(118, 66, 66)
(118, 67, 65)
(118, 68, 64)
(118, 69, 63)
(118, 70, 62)
(118, 71, 61)
(118, 72, 60)
(118, 73, 59)
(118, 74, 58)
(118, 75, 57)
(118, 76, 56)
(118, 77, 55)
(118, 78, 54)
(118, 79, 53)
(118, 80, 52)
(118, 81, 51)
(118, 82, 50)
(118, 83, 49)
(118, 84, 48)
(118, 85, 47)
(118, 86, 46)

(118, 87, 45)
(118, 88, 44)
(118, 89, 43)
(118, 90, 42)
(118, 91, 41)
(118, 92, 40)
(118, 93, 39)
(118, 94, 38)
(118, 95, 37)
(118, 96, 36)
(118, 97, 35)
(118, 98, 34)
(118, 99, 33)
(118, 100, 32)
(118, 101, 31)
(118, 102, 30)
(118, 103, 29)
(118, 104, 28)
(118, 105, 27)
(118, 106, 26)
(118, 107, 25)
(118, 108, 24)
(118, 109, 23)
(118, 110, 22)
(118, 111, 21)
(118, 112, 20)
(118, 113, 19)
(118, 114, 18)
(118, 115, 17)
(118, 116, 16)
(118, 117, 15)
(118, 118, 14)
(118, 119, 13)
(118, 120, 12)
(118, 121, 11)
(118, 122, 10)
(118, 123, 9)
(118, 124, 8)
(118, 125, 7)
(118, 126, 6)
(118, 127, 5)
(118, 128, 4)
(118, 129, 3)
(118, 130, 2)
(118, 131, 1)
(118, 132, 0)
(119, 0, 131)
(119, 1, 130)

(119, 2, 129)
(119, 3, 128)
(119, 4, 127)
(119, 5, 126)
(119, 6, 125)
(119, 7, 124)
(119, 8, 123)
(119, 9, 122)
(119, 10, 121)
(119, 11, 120)
(119, 12, 119)
(119, 13, 118)
(119, 14, 117)
(119, 15, 116)
(119, 16, 115)
(119, 17, 114)
(119, 18, 113)
(119, 19, 112)
(119, 20, 111)
(119, 21, 110)
(119, 22, 109)
(119, 23, 108)
(119, 24, 107)
(119, 25, 106)
(119, 26, 105)
(119, 27, 104)
(119, 28, 103)
(119, 29, 102)
(119, 30, 101)
(119, 31, 100)
(119, 32, 99)
(119, 33, 98)
(119, 34, 97)
(119, 35, 96)
(119, 36, 95)
(119, 37, 94)
(119, 38, 93)
(119, 39, 92)
(119, 40, 91)
(119, 41, 90)
(119, 42, 89)
(119, 43, 88)
(119, 44, 87)
(119, 45, 86)
(119, 46, 85)
(119, 47, 84)
(119, 48, 83)
(119, 49, 82)

(119, 50, 81)
(119, 51, 80)
(119, 52, 79)
(119, 53, 78)
(119, 54, 77)
(119, 55, 76)
(119, 56, 75)
(119, 57, 74)
(119, 58, 73)
(119, 59, 72)
(119, 60, 71)
(119, 61, 70)
(119, 62, 69)
(119, 63, 68)
(119, 64, 67)
(119, 65, 66)
(119, 66, 65)
(119, 67, 64)
(119, 68, 63)
(119, 69, 62)
(119, 70, 61)
(119, 71, 60)
(119, 72, 59)
(119, 73, 58)
(119, 74, 57)
(119, 75, 56)
(119, 76, 55)
(119, 77, 54)
(119, 78, 53)
(119, 79, 52)
(119, 80, 51)
(119, 81, 50)
(119, 82, 49)
(119, 83, 48)
(119, 84, 47)
(119, 85, 46)
(119, 86, 45)
(119, 87, 44)
(119, 88, 43)
(119, 89, 42)
(119, 90, 41)
(119, 91, 40)
(119, 92, 39)
(119, 93, 38)
(119, 94, 37)
(119, 95, 36)
(119, 96, 35)
(119, 97, 34)

(119, 98, 33)
(119, 99, 32)
(119, 100, 31)
(119, 101, 30)
(119, 102, 29)
(119, 103, 28)
(119, 104, 27)
(119, 105, 26)
(119, 106, 25)
(119, 107, 24)
(119, 108, 23)
(119, 109, 22)
(119, 110, 21)
(119, 111, 20)
(119, 112, 19)
(119, 113, 18)
(119, 114, 17)
(119, 115, 16)
(119, 116, 15)
(119, 117, 14)
(119, 118, 13)
(119, 119, 12)
(119, 120, 11)
(119, 121, 10)
(119, 122, 9)
(119, 123, 8)
(119, 124, 7)
(119, 125, 6)
(119, 126, 5)
(119, 127, 4)
(119, 128, 3)
(119, 129, 2)
(119, 130, 1)
(119, 131, 0)
(120, 0, 130)
(120, 1, 129)
(120, 2, 128)
(120, 3, 127)
(120, 4, 126)
(120, 5, 125)
(120, 6, 124)
(120, 7, 123)
(120, 8, 122)
(120, 9, 121)
(120, 10, 120)
(120, 11, 119)
(120, 12, 118)
(120, 13, 117)

(120, 14, 116)
(120, 15, 115)
(120, 16, 114)
(120, 17, 113)
(120, 18, 112)
(120, 19, 111)
(120, 20, 110)
(120, 21, 109)
(120, 22, 108)
(120, 23, 107)
(120, 24, 106)
(120, 25, 105)
(120, 26, 104)
(120, 27, 103)
(120, 28, 102)
(120, 29, 101)
(120, 30, 100)
(120, 31, 99)
(120, 32, 98)
(120, 33, 97)
(120, 34, 96)
(120, 35, 95)
(120, 36, 94)
(120, 37, 93)
(120, 38, 92)
(120, 39, 91)
(120, 40, 90)
(120, 41, 89)
(120, 42, 88)
(120, 43, 87)
(120, 44, 86)
(120, 45, 85)
(120, 46, 84)
(120, 47, 83)
(120, 48, 82)
(120, 49, 81)
(120, 50, 80)
(120, 51, 79)
(120, 52, 78)
(120, 53, 77)
(120, 54, 76)
(120, 55, 75)
(120, 56, 74)
(120, 57, 73)
(120, 58, 72)
(120, 59, 71)
(120, 60, 70)
(120, 61, 69)

(120, 62, 68)
(120, 63, 67)
(120, 64, 66)
(120, 65, 65)
(120, 66, 64)
(120, 67, 63)
(120, 68, 62)
(120, 69, 61)
(120, 70, 60)
(120, 71, 59)
(120, 72, 58)
(120, 73, 57)
(120, 74, 56)
(120, 75, 55)
(120, 76, 54)
(120, 77, 53)
(120, 78, 52)
(120, 79, 51)
(120, 80, 50)
(120, 81, 49)
(120, 82, 48)
(120, 83, 47)
(120, 84, 46)
(120, 85, 45)
(120, 86, 44)
(120, 87, 43)
(120, 88, 42)
(120, 89, 41)
(120, 90, 40)
(120, 91, 39)
(120, 92, 38)
(120, 93, 37)
(120, 94, 36)
(120, 95, 35)
(120, 96, 34)
(120, 97, 33)
(120, 98, 32)
(120, 99, 31)
(120, 100, 30)
(120, 101, 29)
(120, 102, 28)
(120, 103, 27)
(120, 104, 26)
(120, 105, 25)
(120, 106, 24)
(120, 107, 23)
(120, 108, 22)
(120, 109, 21)

(120, 110, 20)
(120, 111, 19)
(120, 112, 18)
(120, 113, 17)
(120, 114, 16)
(120, 115, 15)
(120, 116, 14)
(120, 117, 13)
(120, 118, 12)
(120, 119, 11)
(120, 120, 10)
(120, 121, 9)
(120, 122, 8)
(120, 123, 7)
(120, 124, 6)
(120, 125, 5)
(120, 126, 4)
(120, 127, 3)
(120, 128, 2)
(120, 129, 1)
(120, 130, 0)
(121, 0, 129)
(121, 1, 128)
(121, 2, 127)
(121, 3, 126)
(121, 4, 125)
(121, 5, 124)
(121, 6, 123)
(121, 7, 122)
(121, 8, 121)
(121, 9, 120)
(121, 10, 119)
(121, 11, 118)
(121, 12, 117)
(121, 13, 116)
(121, 14, 115)
(121, 15, 114)
(121, 16, 113)
(121, 17, 112)
(121, 18, 111)
(121, 19, 110)
(121, 20, 109)
(121, 21, 108)
(121, 22, 107)
(121, 23, 106)
(121, 24, 105)
(121, 25, 104)
(121, 26, 103)

(121, 27, 102)
(121, 28, 101)
(121, 29, 100)
(121, 30, 99)
(121, 31, 98)
(121, 32, 97)
(121, 33, 96)
(121, 34, 95)
(121, 35, 94)
(121, 36, 93)
(121, 37, 92)
(121, 38, 91)
(121, 39, 90)
(121, 40, 89)
(121, 41, 88)
(121, 42, 87)
(121, 43, 86)
(121, 44, 85)
(121, 45, 84)
(121, 46, 83)
(121, 47, 82)
(121, 48, 81)
(121, 49, 80)
(121, 50, 79)
(121, 51, 78)
(121, 52, 77)
(121, 53, 76)
(121, 54, 75)
(121, 55, 74)
(121, 56, 73)
(121, 57, 72)
(121, 58, 71)
(121, 59, 70)
(121, 60, 69)
(121, 61, 68)
(121, 62, 67)
(121, 63, 66)
(121, 64, 65)
(121, 65, 64)
(121, 66, 63)
(121, 67, 62)
(121, 68, 61)
(121, 69, 60)
(121, 70, 59)
(121, 71, 58)
(121, 72, 57)
(121, 73, 56)
(121, 74, 55)

(121, 75, 54)
(121, 76, 53)
(121, 77, 52)
(121, 78, 51)
(121, 79, 50)
(121, 80, 49)
(121, 81, 48)
(121, 82, 47)
(121, 83, 46)
(121, 84, 45)
(121, 85, 44)
(121, 86, 43)
(121, 87, 42)
(121, 88, 41)
(121, 89, 40)
(121, 90, 39)
(121, 91, 38)
(121, 92, 37)
(121, 93, 36)
(121, 94, 35)
(121, 95, 34)
(121, 96, 33)
(121, 97, 32)
(121, 98, 31)
(121, 99, 30)
(121, 100, 29)
(121, 101, 28)
(121, 102, 27)
(121, 103, 26)
(121, 104, 25)
(121, 105, 24)
(121, 106, 23)
(121, 107, 22)
(121, 108, 21)
(121, 109, 20)
(121, 110, 19)
(121, 111, 18)
(121, 112, 17)
(121, 113, 16)
(121, 114, 15)
(121, 115, 14)
(121, 116, 13)
(121, 117, 12)
(121, 118, 11)
(121, 119, 10)
(121, 120, 9)
(121, 121, 8)
(121, 122, 7)

(121, 123, 6)
(121, 124, 5)
(121, 125, 4)
(121, 126, 3)
(121, 127, 2)
(121, 128, 1)
(121, 129, 0)
(122, 0, 128)
(122, 1, 127)
(122, 2, 126)
(122, 3, 125)
(122, 4, 124)
(122, 5, 123)
(122, 6, 122)
(122, 7, 121)
(122, 8, 120)
(122, 9, 119)
(122, 10, 118)
(122, 11, 117)
(122, 12, 116)
(122, 13, 115)
(122, 14, 114)
(122, 15, 113)
(122, 16, 112)
(122, 17, 111)
(122, 18, 110)
(122, 19, 109)
(122, 20, 108)
(122, 21, 107)
(122, 22, 106)
(122, 23, 105)
(122, 24, 104)
(122, 25, 103)
(122, 26, 102)
(122, 27, 101)
(122, 28, 100)
(122, 29, 99)
(122, 30, 98)
(122, 31, 97)
(122, 32, 96)
(122, 33, 95)
(122, 34, 94)
(122, 35, 93)
(122, 36, 92)
(122, 37, 91)
(122, 38, 90)
(122, 39, 89)
(122, 40, 88)

(122, 41, 87)
(122, 42, 86)
(122, 43, 85)
(122, 44, 84)
(122, 45, 83)
(122, 46, 82)
(122, 47, 81)
(122, 48, 80)
(122, 49, 79)
(122, 50, 78)
(122, 51, 77)
(122, 52, 76)
(122, 53, 75)
(122, 54, 74)
(122, 55, 73)
(122, 56, 72)
(122, 57, 71)
(122, 58, 70)
(122, 59, 69)
(122, 60, 68)
(122, 61, 67)
(122, 62, 66)
(122, 63, 65)
(122, 64, 64)
(122, 65, 63)
(122, 66, 62)
(122, 67, 61)
(122, 68, 60)
(122, 69, 59)
(122, 70, 58)
(122, 71, 57)
(122, 72, 56)
(122, 73, 55)
(122, 74, 54)
(122, 75, 53)
(122, 76, 52)
(122, 77, 51)
(122, 78, 50)
(122, 79, 49)
(122, 80, 48)
(122, 81, 47)
(122, 82, 46)
(122, 83, 45)
(122, 84, 44)
(122, 85, 43)
(122, 86, 42)
(122, 87, 41)
(122, 88, 40)

(122, 89, 39)
(122, 90, 38)
(122, 91, 37)
(122, 92, 36)
(122, 93, 35)
(122, 94, 34)
(122, 95, 33)
(122, 96, 32)
(122, 97, 31)
(122, 98, 30)
(122, 99, 29)
(122, 100, 28)
(122, 101, 27)
(122, 102, 26)
(122, 103, 25)
(122, 104, 24)
(122, 105, 23)
(122, 106, 22)
(122, 107, 21)
(122, 108, 20)
(122, 109, 19)
(122, 110, 18)
(122, 111, 17)
(122, 112, 16)
(122, 113, 15)
(122, 114, 14)
(122, 115, 13)
(122, 116, 12)
(122, 117, 11)
(122, 118, 10)
(122, 119, 9)
(122, 120, 8)
(122, 121, 7)
(122, 122, 6)
(122, 123, 5)
(122, 124, 4)
(122, 125, 3)
(122, 126, 2)
(122, 127, 1)
(122, 128, 0)
(123, 0, 127)
(123, 1, 126)
(123, 2, 125)
(123, 3, 124)
(123, 4, 123)
(123, 5, 122)
(123, 6, 121)
(123, 7, 120)

(123, 8, 119)
(123, 9, 118)
(123, 10, 117)
(123, 11, 116)
(123, 12, 115)
(123, 13, 114)
(123, 14, 113)
(123, 15, 112)
(123, 16, 111)
(123, 17, 110)
(123, 18, 109)
(123, 19, 108)
(123, 20, 107)
(123, 21, 106)
(123, 22, 105)
(123, 23, 104)
(123, 24, 103)
(123, 25, 102)
(123, 26, 101)
(123, 27, 100)
(123, 28, 99)
(123, 29, 98)
(123, 30, 97)
(123, 31, 96)
(123, 32, 95)
(123, 33, 94)
(123, 34, 93)
(123, 35, 92)
(123, 36, 91)
(123, 37, 90)
(123, 38, 89)
(123, 39, 88)
(123, 40, 87)
(123, 41, 86)
(123, 42, 85)
(123, 43, 84)
(123, 44, 83)
(123, 45, 82)
(123, 46, 81)
(123, 47, 80)
(123, 48, 79)
(123, 49, 78)
(123, 50, 77)
(123, 51, 76)
(123, 52, 75)
(123, 53, 74)
(123, 54, 73)
(123, 55, 72)

(123, 56, 71)
(123, 57, 70)
(123, 58, 69)
(123, 59, 68)
(123, 60, 67)
(123, 61, 66)
(123, 62, 65)
(123, 63, 64)
(123, 64, 63)
(123, 65, 62)
(123, 66, 61)
(123, 67, 60)
(123, 68, 59)
(123, 69, 58)
(123, 70, 57)
(123, 71, 56)
(123, 72, 55)
(123, 73, 54)
(123, 74, 53)
(123, 75, 52)
(123, 76, 51)
(123, 77, 50)
(123, 78, 49)
(123, 79, 48)
(123, 80, 47)
(123, 81, 46)
(123, 82, 45)
(123, 83, 44)
(123, 84, 43)
(123, 85, 42)
(123, 86, 41)
(123, 87, 40)
(123, 88, 39)
(123, 89, 38)
(123, 90, 37)
(123, 91, 36)
(123, 92, 35)
(123, 93, 34)
(123, 94, 33)
(123, 95, 32)
(123, 96, 31)
(123, 97, 30)
(123, 98, 29)
(123, 99, 28)
(123, 100, 27)
(123, 101, 26)
(123, 102, 25)
(123, 103, 24)

(123, 104, 23)
(123, 105, 22)
(123, 106, 21)
(123, 107, 20)
(123, 108, 19)
(123, 109, 18)
(123, 110, 17)
(123, 111, 16)
(123, 112, 15)
(123, 113, 14)
(123, 114, 13)
(123, 115, 12)
(123, 116, 11)
(123, 117, 10)
(123, 118, 9)
(123, 119, 8)
(123, 120, 7)
(123, 121, 6)
(123, 122, 5)
(123, 123, 4)
(123, 124, 3)
(123, 125, 2)
(123, 126, 1)
(123, 127, 0)
(124, 0, 126)
(124, 1, 125)
(124, 2, 124)
(124, 3, 123)
(124, 4, 122)
(124, 5, 121)
(124, 6, 120)
(124, 7, 119)
(124, 8, 118)
(124, 9, 117)
(124, 10, 116)
(124, 11, 115)
(124, 12, 114)
(124, 13, 113)
(124, 14, 112)
(124, 15, 111)
(124, 16, 110)
(124, 17, 109)
(124, 18, 108)
(124, 19, 107)
(124, 20, 106)
(124, 21, 105)
(124, 22, 104)
(124, 23, 103)

(124, 24, 102)
(124, 25, 101)
(124, 26, 100)
(124, 27, 99)
(124, 28, 98)
(124, 29, 97)
(124, 30, 96)
(124, 31, 95)
(124, 32, 94)
(124, 33, 93)
(124, 34, 92)
(124, 35, 91)
(124, 36, 90)
(124, 37, 89)
(124, 38, 88)
(124, 39, 87)
(124, 40, 86)
(124, 41, 85)
(124, 42, 84)
(124, 43, 83)
(124, 44, 82)
(124, 45, 81)
(124, 46, 80)
(124, 47, 79)
(124, 48, 78)
(124, 49, 77)
(124, 50, 76)
(124, 51, 75)
(124, 52, 74)
(124, 53, 73)
(124, 54, 72)
(124, 55, 71)
(124, 56, 70)
(124, 57, 69)
(124, 58, 68)
(124, 59, 67)
(124, 60, 66)
(124, 61, 65)
(124, 62, 64)
(124, 63, 63)
(124, 64, 62)
(124, 65, 61)
(124, 66, 60)
(124, 67, 59)
(124, 68, 58)
(124, 69, 57)
(124, 70, 56)
(124, 71, 55)

(124, 72, 54)
(124, 73, 53)
(124, 74, 52)
(124, 75, 51)
(124, 76, 50)
(124, 77, 49)
(124, 78, 48)
(124, 79, 47)
(124, 80, 46)
(124, 81, 45)
(124, 82, 44)
(124, 83, 43)
(124, 84, 42)
(124, 85, 41)
(124, 86, 40)
(124, 87, 39)
(124, 88, 38)
(124, 89, 37)
(124, 90, 36)
(124, 91, 35)
(124, 92, 34)
(124, 93, 33)
(124, 94, 32)
(124, 95, 31)
(124, 96, 30)
(124, 97, 29)
(124, 98, 28)
(124, 99, 27)
(124, 100, 26)
(124, 101, 25)
(124, 102, 24)
(124, 103, 23)
(124, 104, 22)
(124, 105, 21)
(124, 106, 20)
(124, 107, 19)
(124, 108, 18)
(124, 109, 17)
(124, 110, 16)
(124, 111, 15)
(124, 112, 14)
(124, 113, 13)
(124, 114, 12)
(124, 115, 11)
(124, 116, 10)
(124, 117, 9)
(124, 118, 8)
(124, 119, 7)

(124, 120, 6)
(124, 121, 5)
(124, 122, 4)
(124, 123, 3)
(124, 124, 2)
(124, 125, 1)
(124, 126, 0)
(125, 0, 125)
(125, 1, 124)
(125, 2, 123)
(125, 3, 122)
(125, 4, 121)
(125, 5, 120)
(125, 6, 119)
(125, 7, 118)
(125, 8, 117)
(125, 9, 116)
(125, 10, 115)
(125, 11, 114)
(125, 12, 113)
(125, 13, 112)
(125, 14, 111)
(125, 15, 110)
(125, 16, 109)
(125, 17, 108)
(125, 18, 107)
(125, 19, 106)
(125, 20, 105)
(125, 21, 104)
(125, 22, 103)
(125, 23, 102)
(125, 24, 101)
(125, 25, 100)
(125, 26, 99)
(125, 27, 98)
(125, 28, 97)
(125, 29, 96)
(125, 30, 95)
(125, 31, 94)
(125, 32, 93)
(125, 33, 92)
(125, 34, 91)
(125, 35, 90)
(125, 36, 89)
(125, 37, 88)
(125, 38, 87)
(125, 39, 86)
(125, 40, 85)

(125, 41, 84)
(125, 42, 83)
(125, 43, 82)
(125, 44, 81)
(125, 45, 80)
(125, 46, 79)
(125, 47, 78)
(125, 48, 77)
(125, 49, 76)
(125, 50, 75)
(125, 51, 74)
(125, 52, 73)
(125, 53, 72)
(125, 54, 71)
(125, 55, 70)
(125, 56, 69)
(125, 57, 68)
(125, 58, 67)
(125, 59, 66)
(125, 60, 65)
(125, 61, 64)
(125, 62, 63)
(125, 63, 62)
(125, 64, 61)
(125, 65, 60)
(125, 66, 59)
(125, 67, 58)
(125, 68, 57)
(125, 69, 56)
(125, 70, 55)
(125, 71, 54)
(125, 72, 53)
(125, 73, 52)
(125, 74, 51)
(125, 75, 50)
(125, 76, 49)
(125, 77, 48)
(125, 78, 47)
(125, 79, 46)
(125, 80, 45)
(125, 81, 44)
(125, 82, 43)
(125, 83, 42)
(125, 84, 41)
(125, 85, 40)
(125, 86, 39)
(125, 87, 38)
(125, 88, 37)

(125, 89, 36)
(125, 90, 35)
(125, 91, 34)
(125, 92, 33)
(125, 93, 32)
(125, 94, 31)
(125, 95, 30)
(125, 96, 29)
(125, 97, 28)
(125, 98, 27)
(125, 99, 26)
(125, 100, 25)
(125, 101, 24)
(125, 102, 23)
(125, 103, 22)
(125, 104, 21)
(125, 105, 20)
(125, 106, 19)
(125, 107, 18)
(125, 108, 17)
(125, 109, 16)
(125, 110, 15)
(125, 111, 14)
(125, 112, 13)
(125, 113, 12)
(125, 114, 11)
(125, 115, 10)
(125, 116, 9)
(125, 117, 8)
(125, 118, 7)
(125, 119, 6)
(125, 120, 5)
(125, 121, 4)
(125, 122, 3)
(125, 123, 2)
(125, 124, 1)
(125, 125, 0)
(126, 0, 124)
(126, 1, 123)
(126, 2, 122)
(126, 3, 121)
(126, 4, 120)
(126, 5, 119)
(126, 6, 118)
(126, 7, 117)
(126, 8, 116)
(126, 9, 115)
(126, 10, 114)

(126, 11, 113)
(126, 12, 112)
(126, 13, 111)
(126, 14, 110)
(126, 15, 109)
(126, 16, 108)
(126, 17, 107)
(126, 18, 106)
(126, 19, 105)
(126, 20, 104)
(126, 21, 103)
(126, 22, 102)
(126, 23, 101)
(126, 24, 100)
(126, 25, 99)
(126, 26, 98)
(126, 27, 97)
(126, 28, 96)
(126, 29, 95)
(126, 30, 94)
(126, 31, 93)
(126, 32, 92)
(126, 33, 91)
(126, 34, 90)
(126, 35, 89)
(126, 36, 88)
(126, 37, 87)
(126, 38, 86)
(126, 39, 85)
(126, 40, 84)
(126, 41, 83)
(126, 42, 82)
(126, 43, 81)
(126, 44, 80)
(126, 45, 79)
(126, 46, 78)
(126, 47, 77)
(126, 48, 76)
(126, 49, 75)
(126, 50, 74)
(126, 51, 73)
(126, 52, 72)
(126, 53, 71)
(126, 54, 70)
(126, 55, 69)
(126, 56, 68)
(126, 57, 67)
(126, 58, 66)

(126, 59, 65)
(126, 60, 64)
(126, 61, 63)
(126, 62, 62)
(126, 63, 61)
(126, 64, 60)
(126, 65, 59)
(126, 66, 58)
(126, 67, 57)
(126, 68, 56)
(126, 69, 55)
(126, 70, 54)
(126, 71, 53)
(126, 72, 52)
(126, 73, 51)
(126, 74, 50)
(126, 75, 49)
(126, 76, 48)
(126, 77, 47)
(126, 78, 46)
(126, 79, 45)
(126, 80, 44)
(126, 81, 43)
(126, 82, 42)
(126, 83, 41)
(126, 84, 40)
(126, 85, 39)
(126, 86, 38)
(126, 87, 37)
(126, 88, 36)
(126, 89, 35)
(126, 90, 34)
(126, 91, 33)
(126, 92, 32)
(126, 93, 31)
(126, 94, 30)
(126, 95, 29)
(126, 96, 28)
(126, 97, 27)
(126, 98, 26)
(126, 99, 25)
(126, 100, 24)
(126, 101, 23)
(126, 102, 22)
(126, 103, 21)
(126, 104, 20)
(126, 105, 19)
(126, 106, 18)

(126, 107, 17)
(126, 108, 16)
(126, 109, 15)
(126, 110, 14)
(126, 111, 13)
(126, 112, 12)
(126, 113, 11)
(126, 114, 10)
(126, 115, 9)
(126, 116, 8)
(126, 117, 7)
(126, 118, 6)
(126, 119, 5)
(126, 120, 4)
(126, 121, 3)
(126, 122, 2)
(126, 123, 1)
(126, 124, 0)
(127, 0, 123)
(127, 1, 122)
(127, 2, 121)
(127, 3, 120)
(127, 4, 119)
(127, 5, 118)
(127, 6, 117)
(127, 7, 116)
(127, 8, 115)
(127, 9, 114)
(127, 10, 113)
(127, 11, 112)
(127, 12, 111)
(127, 13, 110)
(127, 14, 109)
(127, 15, 108)
(127, 16, 107)
(127, 17, 106)
(127, 18, 105)
(127, 19, 104)
(127, 20, 103)
(127, 21, 102)
(127, 22, 101)
(127, 23, 100)
(127, 24, 99)
(127, 25, 98)
(127, 26, 97)
(127, 27, 96)
(127, 28, 95)
(127, 29, 94)

(127, 30, 93)
(127, 31, 92)
(127, 32, 91)
(127, 33, 90)
(127, 34, 89)
(127, 35, 88)
(127, 36, 87)
(127, 37, 86)
(127, 38, 85)
(127, 39, 84)
(127, 40, 83)
(127, 41, 82)
(127, 42, 81)
(127, 43, 80)
(127, 44, 79)
(127, 45, 78)
(127, 46, 77)
(127, 47, 76)
(127, 48, 75)
(127, 49, 74)
(127, 50, 73)
(127, 51, 72)
(127, 52, 71)
(127, 53, 70)
(127, 54, 69)
(127, 55, 68)
(127, 56, 67)
(127, 57, 66)
(127, 58, 65)
(127, 59, 64)
(127, 60, 63)
(127, 61, 62)
(127, 62, 61)
(127, 63, 60)
(127, 64, 59)
(127, 65, 58)
(127, 66, 57)
(127, 67, 56)
(127, 68, 55)
(127, 69, 54)
(127, 70, 53)
(127, 71, 52)
(127, 72, 51)
(127, 73, 50)
(127, 74, 49)
(127, 75, 48)
(127, 76, 47)
(127, 77, 46)

(127, 78, 45)
(127, 79, 44)
(127, 80, 43)
(127, 81, 42)
(127, 82, 41)
(127, 83, 40)
(127, 84, 39)
(127, 85, 38)
(127, 86, 37)
(127, 87, 36)
(127, 88, 35)
(127, 89, 34)
(127, 90, 33)
(127, 91, 32)
(127, 92, 31)
(127, 93, 30)
(127, 94, 29)
(127, 95, 28)
(127, 96, 27)
(127, 97, 26)
(127, 98, 25)
(127, 99, 24)
(127, 100, 23)
(127, 101, 22)
(127, 102, 21)
(127, 103, 20)
(127, 104, 19)
(127, 105, 18)
(127, 106, 17)
(127, 107, 16)
(127, 108, 15)
(127, 109, 14)
(127, 110, 13)
(127, 111, 12)
(127, 112, 11)
(127, 113, 10)
(127, 114, 9)
(127, 115, 8)
(127, 116, 7)
(127, 117, 6)
(127, 118, 5)
(127, 119, 4)
(127, 120, 3)
(127, 121, 2)
(127, 122, 1)
(127, 123, 0)
(128, 0, 122)
(128, 1, 121)

(128, 2, 120)
(128, 3, 119)
(128, 4, 118)
(128, 5, 117)
(128, 6, 116)
(128, 7, 115)
(128, 8, 114)
(128, 9, 113)
(128, 10, 112)
(128, 11, 111)
(128, 12, 110)
(128, 13, 109)
(128, 14, 108)
(128, 15, 107)
(128, 16, 106)
(128, 17, 105)
(128, 18, 104)
(128, 19, 103)
(128, 20, 102)
(128, 21, 101)
(128, 22, 100)
(128, 23, 99)
(128, 24, 98)
(128, 25, 97)
(128, 26, 96)
(128, 27, 95)
(128, 28, 94)
(128, 29, 93)
(128, 30, 92)
(128, 31, 91)
(128, 32, 90)
(128, 33, 89)
(128, 34, 88)
(128, 35, 87)
(128, 36, 86)
(128, 37, 85)
(128, 38, 84)
(128, 39, 83)
(128, 40, 82)
(128, 41, 81)
(128, 42, 80)
(128, 43, 79)
(128, 44, 78)
(128, 45, 77)
(128, 46, 76)
(128, 47, 75)
(128, 48, 74)
(128, 49, 73)

(128, 50, 72)
(128, 51, 71)
(128, 52, 70)
(128, 53, 69)
(128, 54, 68)
(128, 55, 67)
(128, 56, 66)
(128, 57, 65)
(128, 58, 64)
(128, 59, 63)
(128, 60, 62)
(128, 61, 61)
(128, 62, 60)
(128, 63, 59)
(128, 64, 58)
(128, 65, 57)
(128, 66, 56)
(128, 67, 55)
(128, 68, 54)
(128, 69, 53)
(128, 70, 52)
(128, 71, 51)
(128, 72, 50)
(128, 73, 49)
(128, 74, 48)
(128, 75, 47)
(128, 76, 46)
(128, 77, 45)
(128, 78, 44)
(128, 79, 43)
(128, 80, 42)
(128, 81, 41)
(128, 82, 40)
(128, 83, 39)
(128, 84, 38)
(128, 85, 37)
(128, 86, 36)
(128, 87, 35)
(128, 88, 34)
(128, 89, 33)
(128, 90, 32)
(128, 91, 31)
(128, 92, 30)
(128, 93, 29)
(128, 94, 28)
(128, 95, 27)
(128, 96, 26)
(128, 97, 25)

(128, 98, 24)
(128, 99, 23)
(128, 100, 22)
(128, 101, 21)
(128, 102, 20)
(128, 103, 19)
(128, 104, 18)
(128, 105, 17)
(128, 106, 16)
(128, 107, 15)
(128, 108, 14)
(128, 109, 13)
(128, 110, 12)
(128, 111, 11)
(128, 112, 10)
(128, 113, 9)
(128, 114, 8)
(128, 115, 7)
(128, 116, 6)
(128, 117, 5)
(128, 118, 4)
(128, 119, 3)
(128, 120, 2)
(128, 121, 1)
(128, 122, 0)
(129, 0, 121)
(129, 1, 120)
(129, 2, 119)
(129, 3, 118)
(129, 4, 117)
(129, 5, 116)
(129, 6, 115)
(129, 7, 114)
(129, 8, 113)
(129, 9, 112)
(129, 10, 111)
(129, 11, 110)
(129, 12, 109)
(129, 13, 108)
(129, 14, 107)
(129, 15, 106)
(129, 16, 105)
(129, 17, 104)
(129, 18, 103)
(129, 19, 102)
(129, 20, 101)
(129, 21, 100)
(129, 22, 99)

(129, 23, 98)
(129, 24, 97)
(129, 25, 96)
(129, 26, 95)
(129, 27, 94)
(129, 28, 93)
(129, 29, 92)
(129, 30, 91)
(129, 31, 90)
(129, 32, 89)
(129, 33, 88)
(129, 34, 87)
(129, 35, 86)
(129, 36, 85)
(129, 37, 84)
(129, 38, 83)
(129, 39, 82)
(129, 40, 81)
(129, 41, 80)
(129, 42, 79)
(129, 43, 78)
(129, 44, 77)
(129, 45, 76)
(129, 46, 75)
(129, 47, 74)
(129, 48, 73)
(129, 49, 72)
(129, 50, 71)
(129, 51, 70)
(129, 52, 69)
(129, 53, 68)
(129, 54, 67)
(129, 55, 66)
(129, 56, 65)
(129, 57, 64)
(129, 58, 63)
(129, 59, 62)
(129, 60, 61)
(129, 61, 60)
(129, 62, 59)
(129, 63, 58)
(129, 64, 57)
(129, 65, 56)
(129, 66, 55)
(129, 67, 54)
(129, 68, 53)
(129, 69, 52)
(129, 70, 51)

(129, 71, 50)
(129, 72, 49)
(129, 73, 48)
(129, 74, 47)
(129, 75, 46)
(129, 76, 45)
(129, 77, 44)
(129, 78, 43)
(129, 79, 42)
(129, 80, 41)
(129, 81, 40)
(129, 82, 39)
(129, 83, 38)
(129, 84, 37)
(129, 85, 36)
(129, 86, 35)
(129, 87, 34)
(129, 88, 33)
(129, 89, 32)
(129, 90, 31)
(129, 91, 30)
(129, 92, 29)
(129, 93, 28)
(129, 94, 27)
(129, 95, 26)
(129, 96, 25)
(129, 97, 24)
(129, 98, 23)
(129, 99, 22)
(129, 100, 21)
(129, 101, 20)
(129, 102, 19)
(129, 103, 18)
(129, 104, 17)
(129, 105, 16)
(129, 106, 15)
(129, 107, 14)
(129, 108, 13)
(129, 109, 12)
(129, 110, 11)
(129, 111, 10)
(129, 112, 9)
(129, 113, 8)
(129, 114, 7)
(129, 115, 6)
(129, 116, 5)
(129, 117, 4)
(129, 118, 3)

(129, 119, 2)
(129, 120, 1)
(129, 121, 0)
(130, 0, 120)
(130, 1, 119)
(130, 2, 118)
(130, 3, 117)
(130, 4, 116)
(130, 5, 115)
(130, 6, 114)
(130, 7, 113)
(130, 8, 112)
(130, 9, 111)
(130, 10, 110)
(130, 11, 109)
(130, 12, 108)
(130, 13, 107)
(130, 14, 106)
(130, 15, 105)
(130, 16, 104)
(130, 17, 103)
(130, 18, 102)
(130, 19, 101)
(130, 20, 100)
(130, 21, 99)
(130, 22, 98)
(130, 23, 97)
(130, 24, 96)
(130, 25, 95)
(130, 26, 94)
(130, 27, 93)
(130, 28, 92)
(130, 29, 91)
(130, 30, 90)
(130, 31, 89)
(130, 32, 88)
(130, 33, 87)
(130, 34, 86)
(130, 35, 85)
(130, 36, 84)
(130, 37, 83)
(130, 38, 82)
(130, 39, 81)
(130, 40, 80)
(130, 41, 79)
(130, 42, 78)
(130, 43, 77)
(130, 44, 76)

(130, 45, 75)
(130, 46, 74)
(130, 47, 73)
(130, 48, 72)
(130, 49, 71)
(130, 50, 70)
(130, 51, 69)
(130, 52, 68)
(130, 53, 67)
(130, 54, 66)
(130, 55, 65)
(130, 56, 64)
(130, 57, 63)
(130, 58, 62)
(130, 59, 61)
(130, 60, 60)
(130, 61, 59)
(130, 62, 58)
(130, 63, 57)
(130, 64, 56)
(130, 65, 55)
(130, 66, 54)
(130, 67, 53)
(130, 68, 52)
(130, 69, 51)
(130, 70, 50)
(130, 71, 49)
(130, 72, 48)
(130, 73, 47)
(130, 74, 46)
(130, 75, 45)
(130, 76, 44)
(130, 77, 43)
(130, 78, 42)
(130, 79, 41)
(130, 80, 40)
(130, 81, 39)
(130, 82, 38)
(130, 83, 37)
(130, 84, 36)
(130, 85, 35)
(130, 86, 34)
(130, 87, 33)
(130, 88, 32)
(130, 89, 31)
(130, 90, 30)
(130, 91, 29)
(130, 92, 28)

(130, 93, 27)
(130, 94, 26)
(130, 95, 25)
(130, 96, 24)
(130, 97, 23)
(130, 98, 22)
(130, 99, 21)
(130, 100, 20)
(130, 101, 19)
(130, 102, 18)
(130, 103, 17)
(130, 104, 16)
(130, 105, 15)
(130, 106, 14)
(130, 107, 13)
(130, 108, 12)
(130, 109, 11)
(130, 110, 10)
(130, 111, 9)
(130, 112, 8)
(130, 113, 7)
(130, 114, 6)
(130, 115, 5)
(130, 116, 4)
(130, 117, 3)
(130, 118, 2)
(130, 119, 1)
(130, 120, 0)
(131, 0, 119)
(131, 1, 118)
(131, 2, 117)
(131, 3, 116)
(131, 4, 115)
(131, 5, 114)
(131, 6, 113)
(131, 7, 112)
(131, 8, 111)
(131, 9, 110)
(131, 10, 109)
(131, 11, 108)
(131, 12, 107)
(131, 13, 106)
(131, 14, 105)
(131, 15, 104)
(131, 16, 103)
(131, 17, 102)
(131, 18, 101)
(131, 19, 100)

(131, 20, 99)
(131, 21, 98)
(131, 22, 97)
(131, 23, 96)
(131, 24, 95)
(131, 25, 94)
(131, 26, 93)
(131, 27, 92)
(131, 28, 91)
(131, 29, 90)
(131, 30, 89)
(131, 31, 88)
(131, 32, 87)
(131, 33, 86)
(131, 34, 85)
(131, 35, 84)
(131, 36, 83)
(131, 37, 82)
(131, 38, 81)
(131, 39, 80)
(131, 40, 79)
(131, 41, 78)
(131, 42, 77)
(131, 43, 76)
(131, 44, 75)
(131, 45, 74)
(131, 46, 73)
(131, 47, 72)
(131, 48, 71)
(131, 49, 70)
(131, 50, 69)
(131, 51, 68)
(131, 52, 67)
(131, 53, 66)
(131, 54, 65)
(131, 55, 64)
(131, 56, 63)
(131, 57, 62)
(131, 58, 61)
(131, 59, 60)
(131, 60, 59)
(131, 61, 58)
(131, 62, 57)
(131, 63, 56)
(131, 64, 55)
(131, 65, 54)
(131, 66, 53)
(131, 67, 52)

(131, 68, 51)
(131, 69, 50)
(131, 70, 49)
(131, 71, 48)
(131, 72, 47)
(131, 73, 46)
(131, 74, 45)
(131, 75, 44)
(131, 76, 43)
(131, 77, 42)
(131, 78, 41)
(131, 79, 40)
(131, 80, 39)
(131, 81, 38)
(131, 82, 37)
(131, 83, 36)
(131, 84, 35)
(131, 85, 34)
(131, 86, 33)
(131, 87, 32)
(131, 88, 31)
(131, 89, 30)
(131, 90, 29)
(131, 91, 28)
(131, 92, 27)
(131, 93, 26)
(131, 94, 25)
(131, 95, 24)
(131, 96, 23)
(131, 97, 22)
(131, 98, 21)
(131, 99, 20)
(131, 100, 19)
(131, 101, 18)
(131, 102, 17)
(131, 103, 16)
(131, 104, 15)
(131, 105, 14)
(131, 106, 13)
(131, 107, 12)
(131, 108, 11)
(131, 109, 10)
(131, 110, 9)
(131, 111, 8)
(131, 112, 7)
(131, 113, 6)
(131, 114, 5)
(131, 115, 4)

(131, 116, 3)
(131, 117, 2)
(131, 118, 1)
(131, 119, 0)
(132, 0, 118)
(132, 1, 117)
(132, 2, 116)
(132, 3, 115)
(132, 4, 114)
(132, 5, 113)
(132, 6, 112)
(132, 7, 111)
(132, 8, 110)
(132, 9, 109)
(132, 10, 108)
(132, 11, 107)
(132, 12, 106)
(132, 13, 105)
(132, 14, 104)
(132, 15, 103)
(132, 16, 102)
(132, 17, 101)
(132, 18, 100)
(132, 19, 99)
(132, 20, 98)
(132, 21, 97)
(132, 22, 96)
(132, 23, 95)
(132, 24, 94)
(132, 25, 93)
(132, 26, 92)
(132, 27, 91)
(132, 28, 90)
(132, 29, 89)
(132, 30, 88)
(132, 31, 87)
(132, 32, 86)
(132, 33, 85)
(132, 34, 84)
(132, 35, 83)
(132, 36, 82)
(132, 37, 81)
(132, 38, 80)
(132, 39, 79)
(132, 40, 78)
(132, 41, 77)
(132, 42, 76)
(132, 43, 75)

(132, 44, 74)
(132, 45, 73)
(132, 46, 72)
(132, 47, 71)
(132, 48, 70)
(132, 49, 69)
(132, 50, 68)
(132, 51, 67)
(132, 52, 66)
(132, 53, 65)
(132, 54, 64)
(132, 55, 63)
(132, 56, 62)
(132, 57, 61)
(132, 58, 60)
(132, 59, 59)
(132, 60, 58)
(132, 61, 57)
(132, 62, 56)
(132, 63, 55)
(132, 64, 54)
(132, 65, 53)
(132, 66, 52)
(132, 67, 51)
(132, 68, 50)
(132, 69, 49)
(132, 70, 48)
(132, 71, 47)
(132, 72, 46)
(132, 73, 45)
(132, 74, 44)
(132, 75, 43)
(132, 76, 42)
(132, 77, 41)
(132, 78, 40)
(132, 79, 39)
(132, 80, 38)
(132, 81, 37)
(132, 82, 36)
(132, 83, 35)
(132, 84, 34)
(132, 85, 33)
(132, 86, 32)
(132, 87, 31)
(132, 88, 30)
(132, 89, 29)
(132, 90, 28)
(132, 91, 27)

(132, 92, 26)
(132, 93, 25)
(132, 94, 24)
(132, 95, 23)
(132, 96, 22)
(132, 97, 21)
(132, 98, 20)
(132, 99, 19)
(132, 100, 18)
(132, 101, 17)
(132, 102, 16)
(132, 103, 15)
(132, 104, 14)
(132, 105, 13)
(132, 106, 12)
(132, 107, 11)
(132, 108, 10)
(132, 109, 9)
(132, 110, 8)
(132, 111, 7)
(132, 112, 6)
(132, 113, 5)
(132, 114, 4)
(132, 115, 3)
(132, 116, 2)
(132, 117, 1)
(132, 118, 0)
(133, 0, 117)
(133, 1, 116)
(133, 2, 115)
(133, 3, 114)
(133, 4, 113)
(133, 5, 112)
(133, 6, 111)
(133, 7, 110)
(133, 8, 109)
(133, 9, 108)
(133, 10, 107)
(133, 11, 106)
(133, 12, 105)
(133, 13, 104)
(133, 14, 103)
(133, 15, 102)
(133, 16, 101)
(133, 17, 100)
(133, 18, 99)
(133, 19, 98)
(133, 20, 97)

(133, 21, 96)
(133, 22, 95)
(133, 23, 94)
(133, 24, 93)
(133, 25, 92)
(133, 26, 91)
(133, 27, 90)
(133, 28, 89)
(133, 29, 88)
(133, 30, 87)
(133, 31, 86)
(133, 32, 85)
(133, 33, 84)
(133, 34, 83)
(133, 35, 82)
(133, 36, 81)
(133, 37, 80)
(133, 38, 79)
(133, 39, 78)
(133, 40, 77)
(133, 41, 76)
(133, 42, 75)
(133, 43, 74)
(133, 44, 73)
(133, 45, 72)
(133, 46, 71)
(133, 47, 70)
(133, 48, 69)
(133, 49, 68)
(133, 50, 67)
(133, 51, 66)
(133, 52, 65)
(133, 53, 64)
(133, 54, 63)
(133, 55, 62)
(133, 56, 61)
(133, 57, 60)
(133, 58, 59)
(133, 59, 58)
(133, 60, 57)
(133, 61, 56)
(133, 62, 55)
(133, 63, 54)
(133, 64, 53)
(133, 65, 52)
(133, 66, 51)
(133, 67, 50)
(133, 68, 49)

(133, 69, 48)
(133, 70, 47)
(133, 71, 46)
(133, 72, 45)
(133, 73, 44)
(133, 74, 43)
(133, 75, 42)
(133, 76, 41)
(133, 77, 40)
(133, 78, 39)
(133, 79, 38)
(133, 80, 37)
(133, 81, 36)
(133, 82, 35)
(133, 83, 34)
(133, 84, 33)
(133, 85, 32)
(133, 86, 31)
(133, 87, 30)
(133, 88, 29)
(133, 89, 28)
(133, 90, 27)
(133, 91, 26)
(133, 92, 25)
(133, 93, 24)
(133, 94, 23)
(133, 95, 22)
(133, 96, 21)
(133, 97, 20)
(133, 98, 19)
(133, 99, 18)
(133, 100, 17)
(133, 101, 16)
(133, 102, 15)
(133, 103, 14)
(133, 104, 13)
(133, 105, 12)
(133, 106, 11)
(133, 107, 10)
(133, 108, 9)
(133, 109, 8)
(133, 110, 7)
(133, 111, 6)
(133, 112, 5)
(133, 113, 4)
(133, 114, 3)
(133, 115, 2)
(133, 116, 1)

(133, 117, 0)
(134, 0, 116)
(134, 1, 115)
(134, 2, 114)
(134, 3, 113)
(134, 4, 112)
(134, 5, 111)
(134, 6, 110)
(134, 7, 109)
(134, 8, 108)
(134, 9, 107)
(134, 10, 106)
(134, 11, 105)
(134, 12, 104)
(134, 13, 103)
(134, 14, 102)
(134, 15, 101)
(134, 16, 100)
(134, 17, 99)
(134, 18, 98)
(134, 19, 97)
(134, 20, 96)
(134, 21, 95)
(134, 22, 94)
(134, 23, 93)
(134, 24, 92)
(134, 25, 91)
(134, 26, 90)
(134, 27, 89)
(134, 28, 88)
(134, 29, 87)
(134, 30, 86)
(134, 31, 85)
(134, 32, 84)
(134, 33, 83)
(134, 34, 82)
(134, 35, 81)
(134, 36, 80)
(134, 37, 79)
(134, 38, 78)
(134, 39, 77)
(134, 40, 76)
(134, 41, 75)
(134, 42, 74)
(134, 43, 73)
(134, 44, 72)
(134, 45, 71)
(134, 46, 70)

(134, 47, 69)
(134, 48, 68)
(134, 49, 67)
(134, 50, 66)
(134, 51, 65)
(134, 52, 64)
(134, 53, 63)
(134, 54, 62)
(134, 55, 61)
(134, 56, 60)
(134, 57, 59)
(134, 58, 58)
(134, 59, 57)
(134, 60, 56)
(134, 61, 55)
(134, 62, 54)
(134, 63, 53)
(134, 64, 52)
(134, 65, 51)
(134, 66, 50)
(134, 67, 49)
(134, 68, 48)
(134, 69, 47)
(134, 70, 46)
(134, 71, 45)
(134, 72, 44)
(134, 73, 43)
(134, 74, 42)
(134, 75, 41)
(134, 76, 40)
(134, 77, 39)
(134, 78, 38)
(134, 79, 37)
(134, 80, 36)
(134, 81, 35)
(134, 82, 34)
(134, 83, 33)
(134, 84, 32)
(134, 85, 31)
(134, 86, 30)
(134, 87, 29)
(134, 88, 28)
(134, 89, 27)
(134, 90, 26)
(134, 91, 25)
(134, 92, 24)
(134, 93, 23)
(134, 94, 22)

(134, 95, 21)
(134, 96, 20)
(134, 97, 19)
(134, 98, 18)
(134, 99, 17)
(134, 100, 16)
(134, 101, 15)
(134, 102, 14)
(134, 103, 13)
(134, 104, 12)
(134, 105, 11)
(134, 106, 10)
(134, 107, 9)
(134, 108, 8)
(134, 109, 7)
(134, 110, 6)
(134, 111, 5)
(134, 112, 4)
(134, 113, 3)
(134, 114, 2)
(134, 115, 1)
(134, 116, 0)
(135, 0, 115)
(135, 1, 114)
(135, 2, 113)
(135, 3, 112)
(135, 4, 111)
(135, 5, 110)
(135, 6, 109)
(135, 7, 108)
(135, 8, 107)
(135, 9, 106)
(135, 10, 105)
(135, 11, 104)
(135, 12, 103)
(135, 13, 102)
(135, 14, 101)
(135, 15, 100)
(135, 16, 99)
(135, 17, 98)
(135, 18, 97)
(135, 19, 96)
(135, 20, 95)
(135, 21, 94)
(135, 22, 93)
(135, 23, 92)
(135, 24, 91)
(135, 25, 90)

(135, 26, 89)
(135, 27, 88)
(135, 28, 87)
(135, 29, 86)
(135, 30, 85)
(135, 31, 84)
(135, 32, 83)
(135, 33, 82)
(135, 34, 81)
(135, 35, 80)
(135, 36, 79)
(135, 37, 78)
(135, 38, 77)
(135, 39, 76)
(135, 40, 75)
(135, 41, 74)
(135, 42, 73)
(135, 43, 72)
(135, 44, 71)
(135, 45, 70)
(135, 46, 69)
(135, 47, 68)
(135, 48, 67)
(135, 49, 66)
(135, 50, 65)
(135, 51, 64)
(135, 52, 63)
(135, 53, 62)
(135, 54, 61)
(135, 55, 60)
(135, 56, 59)
(135, 57, 58)
(135, 58, 57)
(135, 59, 56)
(135, 60, 55)
(135, 61, 54)
(135, 62, 53)
(135, 63, 52)
(135, 64, 51)
(135, 65, 50)
(135, 66, 49)
(135, 67, 48)
(135, 68, 47)
(135, 69, 46)
(135, 70, 45)
(135, 71, 44)
(135, 72, 43)
(135, 73, 42)

(135, 74, 41)
(135, 75, 40)
(135, 76, 39)
(135, 77, 38)
(135, 78, 37)
(135, 79, 36)
(135, 80, 35)
(135, 81, 34)
(135, 82, 33)
(135, 83, 32)
(135, 84, 31)
(135, 85, 30)
(135, 86, 29)
(135, 87, 28)
(135, 88, 27)
(135, 89, 26)
(135, 90, 25)
(135, 91, 24)
(135, 92, 23)
(135, 93, 22)
(135, 94, 21)
(135, 95, 20)
(135, 96, 19)
(135, 97, 18)
(135, 98, 17)
(135, 99, 16)
(135, 100, 15)
(135, 101, 14)
(135, 102, 13)
(135, 103, 12)
(135, 104, 11)
(135, 105, 10)
(135, 106, 9)
(135, 107, 8)
(135, 108, 7)
(135, 109, 6)
(135, 110, 5)
(135, 111, 4)
(135, 112, 3)
(135, 113, 2)
(135, 114, 1)
(135, 115, 0)
(136, 0, 114)
(136, 1, 113)
(136, 2, 112)
(136, 3, 111)
(136, 4, 110)
(136, 5, 109)

(136, 6, 108)
(136, 7, 107)
(136, 8, 106)
(136, 9, 105)
(136, 10, 104)
(136, 11, 103)
(136, 12, 102)
(136, 13, 101)
(136, 14, 100)
(136, 15, 99)
(136, 16, 98)
(136, 17, 97)
(136, 18, 96)
(136, 19, 95)
(136, 20, 94)
(136, 21, 93)
(136, 22, 92)
(136, 23, 91)
(136, 24, 90)
(136, 25, 89)
(136, 26, 88)
(136, 27, 87)
(136, 28, 86)
(136, 29, 85)
(136, 30, 84)
(136, 31, 83)
(136, 32, 82)
(136, 33, 81)
(136, 34, 80)
(136, 35, 79)
(136, 36, 78)
(136, 37, 77)
(136, 38, 76)
(136, 39, 75)
(136, 40, 74)
(136, 41, 73)
(136, 42, 72)
(136, 43, 71)
(136, 44, 70)
(136, 45, 69)
(136, 46, 68)
(136, 47, 67)
(136, 48, 66)
(136, 49, 65)
(136, 50, 64)
(136, 51, 63)
(136, 52, 62)
(136, 53, 61)

(136, 54, 60)
(136, 55, 59)
(136, 56, 58)
(136, 57, 57)
(136, 58, 56)
(136, 59, 55)
(136, 60, 54)
(136, 61, 53)
(136, 62, 52)
(136, 63, 51)
(136, 64, 50)
(136, 65, 49)
(136, 66, 48)
(136, 67, 47)
(136, 68, 46)
(136, 69, 45)
(136, 70, 44)
(136, 71, 43)
(136, 72, 42)
(136, 73, 41)
(136, 74, 40)
(136, 75, 39)
(136, 76, 38)
(136, 77, 37)
(136, 78, 36)
(136, 79, 35)
(136, 80, 34)
(136, 81, 33)
(136, 82, 32)
(136, 83, 31)
(136, 84, 30)
(136, 85, 29)
(136, 86, 28)
(136, 87, 27)
(136, 88, 26)
(136, 89, 25)
(136, 90, 24)
(136, 91, 23)
(136, 92, 22)
(136, 93, 21)
(136, 94, 20)
(136, 95, 19)
(136, 96, 18)
(136, 97, 17)
(136, 98, 16)
(136, 99, 15)
(136, 100, 14)
(136, 101, 13)

(136, 102, 12)
(136, 103, 11)
(136, 104, 10)
(136, 105, 9)
(136, 106, 8)
(136, 107, 7)
(136, 108, 6)
(136, 109, 5)
(136, 110, 4)
(136, 111, 3)
(136, 112, 2)
(136, 113, 1)
(136, 114, 0)
(137, 0, 113)
(137, 1, 112)
(137, 2, 111)
(137, 3, 110)
(137, 4, 109)
(137, 5, 108)
(137, 6, 107)
(137, 7, 106)
(137, 8, 105)
(137, 9, 104)
(137, 10, 103)
(137, 11, 102)
(137, 12, 101)
(137, 13, 100)
(137, 14, 99)
(137, 15, 98)
(137, 16, 97)
(137, 17, 96)
(137, 18, 95)
(137, 19, 94)
(137, 20, 93)
(137, 21, 92)
(137, 22, 91)
(137, 23, 90)
(137, 24, 89)
(137, 25, 88)
(137, 26, 87)
(137, 27, 86)
(137, 28, 85)
(137, 29, 84)
(137, 30, 83)
(137, 31, 82)
(137, 32, 81)
(137, 33, 80)
(137, 34, 79)

(137, 35, 78)
(137, 36, 77)
(137, 37, 76)
(137, 38, 75)
(137, 39, 74)
(137, 40, 73)
(137, 41, 72)
(137, 42, 71)
(137, 43, 70)
(137, 44, 69)
(137, 45, 68)
(137, 46, 67)
(137, 47, 66)
(137, 48, 65)
(137, 49, 64)
(137, 50, 63)
(137, 51, 62)
(137, 52, 61)
(137, 53, 60)
(137, 54, 59)
(137, 55, 58)
(137, 56, 57)
(137, 57, 56)
(137, 58, 55)
(137, 59, 54)
(137, 60, 53)
(137, 61, 52)
(137, 62, 51)
(137, 63, 50)
(137, 64, 49)
(137, 65, 48)
(137, 66, 47)
(137, 67, 46)
(137, 68, 45)
(137, 69, 44)
(137, 70, 43)
(137, 71, 42)
(137, 72, 41)
(137, 73, 40)
(137, 74, 39)
(137, 75, 38)
(137, 76, 37)
(137, 77, 36)
(137, 78, 35)
(137, 79, 34)
(137, 80, 33)
(137, 81, 32)
(137, 82, 31)

(137, 83, 30)
(137, 84, 29)
(137, 85, 28)
(137, 86, 27)
(137, 87, 26)
(137, 88, 25)
(137, 89, 24)
(137, 90, 23)
(137, 91, 22)
(137, 92, 21)
(137, 93, 20)
(137, 94, 19)
(137, 95, 18)
(137, 96, 17)
(137, 97, 16)
(137, 98, 15)
(137, 99, 14)
(137, 100, 13)
(137, 101, 12)
(137, 102, 11)
(137, 103, 10)
(137, 104, 9)
(137, 105, 8)
(137, 106, 7)
(137, 107, 6)
(137, 108, 5)
(137, 109, 4)
(137, 110, 3)
(137, 111, 2)
(137, 112, 1)
(137, 113, 0)
(138, 0, 112)
(138, 1, 111)
(138, 2, 110)
(138, 3, 109)
(138, 4, 108)
(138, 5, 107)
(138, 6, 106)
(138, 7, 105)
(138, 8, 104)
(138, 9, 103)
(138, 10, 102)
(138, 11, 101)
(138, 12, 100)
(138, 13, 99)
(138, 14, 98)
(138, 15, 97)
(138, 16, 96)

(138, 17, 95)
(138, 18, 94)
(138, 19, 93)
(138, 20, 92)
(138, 21, 91)
(138, 22, 90)
(138, 23, 89)
(138, 24, 88)
(138, 25, 87)
(138, 26, 86)
(138, 27, 85)
(138, 28, 84)
(138, 29, 83)
(138, 30, 82)
(138, 31, 81)
(138, 32, 80)
(138, 33, 79)
(138, 34, 78)
(138, 35, 77)
(138, 36, 76)
(138, 37, 75)
(138, 38, 74)
(138, 39, 73)
(138, 40, 72)
(138, 41, 71)
(138, 42, 70)
(138, 43, 69)
(138, 44, 68)
(138, 45, 67)
(138, 46, 66)
(138, 47, 65)
(138, 48, 64)
(138, 49, 63)
(138, 50, 62)
(138, 51, 61)
(138, 52, 60)
(138, 53, 59)
(138, 54, 58)
(138, 55, 57)
(138, 56, 56)
(138, 57, 55)
(138, 58, 54)
(138, 59, 53)
(138, 60, 52)
(138, 61, 51)
(138, 62, 50)
(138, 63, 49)
(138, 64, 48)

(138, 65, 47)
(138, 66, 46)
(138, 67, 45)
(138, 68, 44)
(138, 69, 43)
(138, 70, 42)
(138, 71, 41)
(138, 72, 40)
(138, 73, 39)
(138, 74, 38)
(138, 75, 37)
(138, 76, 36)
(138, 77, 35)
(138, 78, 34)
(138, 79, 33)
(138, 80, 32)
(138, 81, 31)
(138, 82, 30)
(138, 83, 29)
(138, 84, 28)
(138, 85, 27)
(138, 86, 26)
(138, 87, 25)
(138, 88, 24)
(138, 89, 23)
(138, 90, 22)
(138, 91, 21)
(138, 92, 20)
(138, 93, 19)
(138, 94, 18)
(138, 95, 17)
(138, 96, 16)
(138, 97, 15)
(138, 98, 14)
(138, 99, 13)
(138, 100, 12)
(138, 101, 11)
(138, 102, 10)
(138, 103, 9)
(138, 104, 8)
(138, 105, 7)
(138, 106, 6)
(138, 107, 5)
(138, 108, 4)
(138, 109, 3)
(138, 110, 2)
(138, 111, 1)
(138, 112, 0)

(139, 0, 111)
(139, 1, 110)
(139, 2, 109)
(139, 3, 108)
(139, 4, 107)
(139, 5, 106)
(139, 6, 105)
(139, 7, 104)
(139, 8, 103)
(139, 9, 102)
(139, 10, 101)
(139, 11, 100)
(139, 12, 99)
(139, 13, 98)
(139, 14, 97)
(139, 15, 96)
(139, 16, 95)
(139, 17, 94)
(139, 18, 93)
(139, 19, 92)
(139, 20, 91)
(139, 21, 90)
(139, 22, 89)
(139, 23, 88)
(139, 24, 87)
(139, 25, 86)
(139, 26, 85)
(139, 27, 84)
(139, 28, 83)
(139, 29, 82)
(139, 30, 81)
(139, 31, 80)
(139, 32, 79)
(139, 33, 78)
(139, 34, 77)
(139, 35, 76)
(139, 36, 75)
(139, 37, 74)
(139, 38, 73)
(139, 39, 72)
(139, 40, 71)
(139, 41, 70)
(139, 42, 69)
(139, 43, 68)
(139, 44, 67)
(139, 45, 66)
(139, 46, 65)
(139, 47, 64)

(139, 48, 63)
(139, 49, 62)
(139, 50, 61)
(139, 51, 60)
(139, 52, 59)
(139, 53, 58)
(139, 54, 57)
(139, 55, 56)
(139, 56, 55)
(139, 57, 54)
(139, 58, 53)
(139, 59, 52)
(139, 60, 51)
(139, 61, 50)
(139, 62, 49)
(139, 63, 48)
(139, 64, 47)
(139, 65, 46)
(139, 66, 45)
(139, 67, 44)
(139, 68, 43)
(139, 69, 42)
(139, 70, 41)
(139, 71, 40)
(139, 72, 39)
(139, 73, 38)
(139, 74, 37)
(139, 75, 36)
(139, 76, 35)
(139, 77, 34)
(139, 78, 33)
(139, 79, 32)
(139, 80, 31)
(139, 81, 30)
(139, 82, 29)
(139, 83, 28)
(139, 84, 27)
(139, 85, 26)
(139, 86, 25)
(139, 87, 24)
(139, 88, 23)
(139, 89, 22)
(139, 90, 21)
(139, 91, 20)
(139, 92, 19)
(139, 93, 18)
(139, 94, 17)
(139, 95, 16)

(139, 96, 15)
(139, 97, 14)
(139, 98, 13)
(139, 99, 12)
(139, 100, 11)
(139, 101, 10)
(139, 102, 9)
(139, 103, 8)
(139, 104, 7)
(139, 105, 6)
(139, 106, 5)
(139, 107, 4)
(139, 108, 3)
(139, 109, 2)
(139, 110, 1)
(139, 111, 0)
(140, 0, 110)
(140, 1, 109)
(140, 2, 108)
(140, 3, 107)
(140, 4, 106)
(140, 5, 105)
(140, 6, 104)
(140, 7, 103)
(140, 8, 102)
(140, 9, 101)
(140, 10, 100)
(140, 11, 99)
(140, 12, 98)
(140, 13, 97)
(140, 14, 96)
(140, 15, 95)
(140, 16, 94)
(140, 17, 93)
(140, 18, 92)
(140, 19, 91)
(140, 20, 90)
(140, 21, 89)
(140, 22, 88)
(140, 23, 87)
(140, 24, 86)
(140, 25, 85)
(140, 26, 84)
(140, 27, 83)
(140, 28, 82)
(140, 29, 81)
(140, 30, 80)
(140, 31, 79)

(140, 32, 78)
(140, 33, 77)
(140, 34, 76)
(140, 35, 75)
(140, 36, 74)
(140, 37, 73)
(140, 38, 72)
(140, 39, 71)
(140, 40, 70)
(140, 41, 69)
(140, 42, 68)
(140, 43, 67)
(140, 44, 66)
(140, 45, 65)
(140, 46, 64)
(140, 47, 63)
(140, 48, 62)
(140, 49, 61)
(140, 50, 60)
(140, 51, 59)
(140, 52, 58)
(140, 53, 57)
(140, 54, 56)
(140, 55, 55)
(140, 56, 54)
(140, 57, 53)
(140, 58, 52)
(140, 59, 51)
(140, 60, 50)
(140, 61, 49)
(140, 62, 48)
(140, 63, 47)
(140, 64, 46)
(140, 65, 45)
(140, 66, 44)
(140, 67, 43)
(140, 68, 42)
(140, 69, 41)
(140, 70, 40)
(140, 71, 39)
(140, 72, 38)
(140, 73, 37)
(140, 74, 36)
(140, 75, 35)
(140, 76, 34)
(140, 77, 33)
(140, 78, 32)
(140, 79, 31)

(140, 80, 30)
(140, 81, 29)
(140, 82, 28)
(140, 83, 27)
(140, 84, 26)
(140, 85, 25)
(140, 86, 24)
(140, 87, 23)
(140, 88, 22)
(140, 89, 21)
(140, 90, 20)
(140, 91, 19)
(140, 92, 18)
(140, 93, 17)
(140, 94, 16)
(140, 95, 15)
(140, 96, 14)
(140, 97, 13)
(140, 98, 12)
(140, 99, 11)
(140, 100, 10)
(140, 101, 9)
(140, 102, 8)
(140, 103, 7)
(140, 104, 6)
(140, 105, 5)
(140, 106, 4)
(140, 107, 3)
(140, 108, 2)
(140, 109, 1)
(140, 110, 0)
(141, 0, 109)
(141, 1, 108)
(141, 2, 107)
(141, 3, 106)
(141, 4, 105)
(141, 5, 104)
(141, 6, 103)
(141, 7, 102)
(141, 8, 101)
(141, 9, 100)
(141, 10, 99)
(141, 11, 98)
(141, 12, 97)
(141, 13, 96)
(141, 14, 95)
(141, 15, 94)
(141, 16, 93)

(141, 17, 92)
(141, 18, 91)
(141, 19, 90)
(141, 20, 89)
(141, 21, 88)
(141, 22, 87)
(141, 23, 86)
(141, 24, 85)
(141, 25, 84)
(141, 26, 83)
(141, 27, 82)
(141, 28, 81)
(141, 29, 80)
(141, 30, 79)
(141, 31, 78)
(141, 32, 77)
(141, 33, 76)
(141, 34, 75)
(141, 35, 74)
(141, 36, 73)
(141, 37, 72)
(141, 38, 71)
(141, 39, 70)
(141, 40, 69)
(141, 41, 68)
(141, 42, 67)
(141, 43, 66)
(141, 44, 65)
(141, 45, 64)
(141, 46, 63)
(141, 47, 62)
(141, 48, 61)
(141, 49, 60)
(141, 50, 59)
(141, 51, 58)
(141, 52, 57)
(141, 53, 56)
(141, 54, 55)
(141, 55, 54)
(141, 56, 53)
(141, 57, 52)
(141, 58, 51)
(141, 59, 50)
(141, 60, 49)
(141, 61, 48)
(141, 62, 47)
(141, 63, 46)
(141, 64, 45)

(141, 65, 44)
(141, 66, 43)
(141, 67, 42)
(141, 68, 41)
(141, 69, 40)
(141, 70, 39)
(141, 71, 38)
(141, 72, 37)
(141, 73, 36)
(141, 74, 35)
(141, 75, 34)
(141, 76, 33)
(141, 77, 32)
(141, 78, 31)
(141, 79, 30)
(141, 80, 29)
(141, 81, 28)
(141, 82, 27)
(141, 83, 26)
(141, 84, 25)
(141, 85, 24)
(141, 86, 23)
(141, 87, 22)
(141, 88, 21)
(141, 89, 20)
(141, 90, 19)
(141, 91, 18)
(141, 92, 17)
(141, 93, 16)
(141, 94, 15)
(141, 95, 14)
(141, 96, 13)
(141, 97, 12)
(141, 98, 11)
(141, 99, 10)
(141, 100, 9)
(141, 101, 8)
(141, 102, 7)
(141, 103, 6)
(141, 104, 5)
(141, 105, 4)
(141, 106, 3)
(141, 107, 2)
(141, 108, 1)
(141, 109, 0)
(142, 0, 108)
(142, 1, 107)
(142, 2, 106)

(142, 3, 105)
(142, 4, 104)
(142, 5, 103)
(142, 6, 102)
(142, 7, 101)
(142, 8, 100)
(142, 9, 99)
(142, 10, 98)
(142, 11, 97)
(142, 12, 96)
(142, 13, 95)
(142, 14, 94)
(142, 15, 93)
(142, 16, 92)
(142, 17, 91)
(142, 18, 90)
(142, 19, 89)
(142, 20, 88)
(142, 21, 87)
(142, 22, 86)
(142, 23, 85)
(142, 24, 84)
(142, 25, 83)
(142, 26, 82)
(142, 27, 81)
(142, 28, 80)
(142, 29, 79)
(142, 30, 78)
(142, 31, 77)
(142, 32, 76)
(142, 33, 75)
(142, 34, 74)
(142, 35, 73)
(142, 36, 72)
(142, 37, 71)
(142, 38, 70)
(142, 39, 69)
(142, 40, 68)
(142, 41, 67)
(142, 42, 66)
(142, 43, 65)
(142, 44, 64)
(142, 45, 63)
(142, 46, 62)
(142, 47, 61)
(142, 48, 60)
(142, 49, 59)
(142, 50, 58)

(142, 51, 57)
(142, 52, 56)
(142, 53, 55)
(142, 54, 54)
(142, 55, 53)
(142, 56, 52)
(142, 57, 51)
(142, 58, 50)
(142, 59, 49)
(142, 60, 48)
(142, 61, 47)
(142, 62, 46)
(142, 63, 45)
(142, 64, 44)
(142, 65, 43)
(142, 66, 42)
(142, 67, 41)
(142, 68, 40)
(142, 69, 39)
(142, 70, 38)
(142, 71, 37)
(142, 72, 36)
(142, 73, 35)
(142, 74, 34)
(142, 75, 33)
(142, 76, 32)
(142, 77, 31)
(142, 78, 30)
(142, 79, 29)
(142, 80, 28)
(142, 81, 27)
(142, 82, 26)
(142, 83, 25)
(142, 84, 24)
(142, 85, 23)
(142, 86, 22)
(142, 87, 21)
(142, 88, 20)
(142, 89, 19)
(142, 90, 18)
(142, 91, 17)
(142, 92, 16)
(142, 93, 15)
(142, 94, 14)
(142, 95, 13)
(142, 96, 12)
(142, 97, 11)
(142, 98, 10)

(142, 99, 9)
(142, 100, 8)
(142, 101, 7)
(142, 102, 6)
(142, 103, 5)
(142, 104, 4)
(142, 105, 3)
(142, 106, 2)
(142, 107, 1)
(142, 108, 0)
(143, 0, 107)
(143, 1, 106)
(143, 2, 105)
(143, 3, 104)
(143, 4, 103)
(143, 5, 102)
(143, 6, 101)
(143, 7, 100)
(143, 8, 99)
(143, 9, 98)
(143, 10, 97)
(143, 11, 96)
(143, 12, 95)
(143, 13, 94)
(143, 14, 93)
(143, 15, 92)
(143, 16, 91)
(143, 17, 90)
(143, 18, 89)
(143, 19, 88)
(143, 20, 87)
(143, 21, 86)
(143, 22, 85)
(143, 23, 84)
(143, 24, 83)
(143, 25, 82)
(143, 26, 81)
(143, 27, 80)
(143, 28, 79)
(143, 29, 78)
(143, 30, 77)
(143, 31, 76)
(143, 32, 75)
(143, 33, 74)
(143, 34, 73)
(143, 35, 72)
(143, 36, 71)
(143, 37, 70)

(143, 38, 69)
(143, 39, 68)
(143, 40, 67)
(143, 41, 66)
(143, 42, 65)
(143, 43, 64)
(143, 44, 63)
(143, 45, 62)
(143, 46, 61)
(143, 47, 60)
(143, 48, 59)
(143, 49, 58)
(143, 50, 57)
(143, 51, 56)
(143, 52, 55)
(143, 53, 54)
(143, 54, 53)
(143, 55, 52)
(143, 56, 51)
(143, 57, 50)
(143, 58, 49)
(143, 59, 48)
(143, 60, 47)
(143, 61, 46)
(143, 62, 45)
(143, 63, 44)
(143, 64, 43)
(143, 65, 42)
(143, 66, 41)
(143, 67, 40)
(143, 68, 39)
(143, 69, 38)
(143, 70, 37)
(143, 71, 36)
(143, 72, 35)
(143, 73, 34)
(143, 74, 33)
(143, 75, 32)
(143, 76, 31)
(143, 77, 30)
(143, 78, 29)
(143, 79, 28)
(143, 80, 27)
(143, 81, 26)
(143, 82, 25)
(143, 83, 24)
(143, 84, 23)
(143, 85, 22)

(143, 86, 21)
(143, 87, 20)
(143, 88, 19)
(143, 89, 18)
(143, 90, 17)
(143, 91, 16)
(143, 92, 15)
(143, 93, 14)
(143, 94, 13)
(143, 95, 12)
(143, 96, 11)
(143, 97, 10)
(143, 98, 9)
(143, 99, 8)
(143, 100, 7)
(143, 101, 6)
(143, 102, 5)
(143, 103, 4)
(143, 104, 3)
(143, 105, 2)
(143, 106, 1)
(143, 107, 0)
(144, 0, 106)
(144, 1, 105)
(144, 2, 104)
(144, 3, 103)
(144, 4, 102)
(144, 5, 101)
(144, 6, 100)
(144, 7, 99)
(144, 8, 98)
(144, 9, 97)
(144, 10, 96)
(144, 11, 95)
(144, 12, 94)
(144, 13, 93)
(144, 14, 92)
(144, 15, 91)
(144, 16, 90)
(144, 17, 89)
(144, 18, 88)
(144, 19, 87)
(144, 20, 86)
(144, 21, 85)
(144, 22, 84)
(144, 23, 83)
(144, 24, 82)
(144, 25, 81)

(144, 26, 80)
(144, 27, 79)
(144, 28, 78)
(144, 29, 77)
(144, 30, 76)
(144, 31, 75)
(144, 32, 74)
(144, 33, 73)
(144, 34, 72)
(144, 35, 71)
(144, 36, 70)
(144, 37, 69)
(144, 38, 68)
(144, 39, 67)
(144, 40, 66)
(144, 41, 65)
(144, 42, 64)
(144, 43, 63)
(144, 44, 62)
(144, 45, 61)
(144, 46, 60)
(144, 47, 59)
(144, 48, 58)
(144, 49, 57)
(144, 50, 56)
(144, 51, 55)
(144, 52, 54)
(144, 53, 53)
(144, 54, 52)
(144, 55, 51)
(144, 56, 50)
(144, 57, 49)
(144, 58, 48)
(144, 59, 47)
(144, 60, 46)
(144, 61, 45)
(144, 62, 44)
(144, 63, 43)
(144, 64, 42)
(144, 65, 41)
(144, 66, 40)
(144, 67, 39)
(144, 68, 38)
(144, 69, 37)
(144, 70, 36)
(144, 71, 35)
(144, 72, 34)
(144, 73, 33)

(144, 74, 32)
(144, 75, 31)
(144, 76, 30)
(144, 77, 29)
(144, 78, 28)
(144, 79, 27)
(144, 80, 26)
(144, 81, 25)
(144, 82, 24)
(144, 83, 23)
(144, 84, 22)
(144, 85, 21)
(144, 86, 20)
(144, 87, 19)
(144, 88, 18)
(144, 89, 17)
(144, 90, 16)
(144, 91, 15)
(144, 92, 14)
(144, 93, 13)
(144, 94, 12)
(144, 95, 11)
(144, 96, 10)
(144, 97, 9)
(144, 98, 8)
(144, 99, 7)
(144, 100, 6)
(144, 101, 5)
(144, 102, 4)
(144, 103, 3)
(144, 104, 2)
(144, 105, 1)
(144, 106, 0)
(145, 0, 105)
(145, 1, 104)
(145, 2, 103)
(145, 3, 102)
(145, 4, 101)
(145, 5, 100)
(145, 6, 99)
(145, 7, 98)
(145, 8, 97)
(145, 9, 96)
(145, 10, 95)
(145, 11, 94)
(145, 12, 93)
(145, 13, 92)
(145, 14, 91)

(145, 15, 90)
(145, 16, 89)
(145, 17, 88)
(145, 18, 87)
(145, 19, 86)
(145, 20, 85)
(145, 21, 84)
(145, 22, 83)
(145, 23, 82)
(145, 24, 81)
(145, 25, 80)
(145, 26, 79)
(145, 27, 78)
(145, 28, 77)
(145, 29, 76)
(145, 30, 75)
(145, 31, 74)
(145, 32, 73)
(145, 33, 72)
(145, 34, 71)
(145, 35, 70)
(145, 36, 69)
(145, 37, 68)
(145, 38, 67)
(145, 39, 66)
(145, 40, 65)
(145, 41, 64)
(145, 42, 63)
(145, 43, 62)
(145, 44, 61)
(145, 45, 60)
(145, 46, 59)
(145, 47, 58)
(145, 48, 57)
(145, 49, 56)
(145, 50, 55)
(145, 51, 54)
(145, 52, 53)
(145, 53, 52)
(145, 54, 51)
(145, 55, 50)
(145, 56, 49)
(145, 57, 48)
(145, 58, 47)
(145, 59, 46)
(145, 60, 45)
(145, 61, 44)
(145, 62, 43)

(145, 63, 42)
(145, 64, 41)
(145, 65, 40)
(145, 66, 39)
(145, 67, 38)
(145, 68, 37)
(145, 69, 36)
(145, 70, 35)
(145, 71, 34)
(145, 72, 33)
(145, 73, 32)
(145, 74, 31)
(145, 75, 30)
(145, 76, 29)
(145, 77, 28)
(145, 78, 27)
(145, 79, 26)
(145, 80, 25)
(145, 81, 24)
(145, 82, 23)
(145, 83, 22)
(145, 84, 21)
(145, 85, 20)
(145, 86, 19)
(145, 87, 18)
(145, 88, 17)
(145, 89, 16)
(145, 90, 15)
(145, 91, 14)
(145, 92, 13)
(145, 93, 12)
(145, 94, 11)
(145, 95, 10)
(145, 96, 9)
(145, 97, 8)
(145, 98, 7)
(145, 99, 6)
(145, 100, 5)
(145, 101, 4)
(145, 102, 3)
(145, 103, 2)
(145, 104, 1)
(145, 105, 0)
(146, 0, 104)
(146, 1, 103)
(146, 2, 102)
(146, 3, 101)
(146, 4, 100)

(146, 5, 99)
(146, 6, 98)
(146, 7, 97)
(146, 8, 96)
(146, 9, 95)
(146, 10, 94)
(146, 11, 93)
(146, 12, 92)
(146, 13, 91)
(146, 14, 90)
(146, 15, 89)
(146, 16, 88)
(146, 17, 87)
(146, 18, 86)
(146, 19, 85)
(146, 20, 84)
(146, 21, 83)
(146, 22, 82)
(146, 23, 81)
(146, 24, 80)
(146, 25, 79)
(146, 26, 78)
(146, 27, 77)
(146, 28, 76)
(146, 29, 75)
(146, 30, 74)
(146, 31, 73)
(146, 32, 72)
(146, 33, 71)
(146, 34, 70)
(146, 35, 69)
(146, 36, 68)
(146, 37, 67)
(146, 38, 66)
(146, 39, 65)
(146, 40, 64)
(146, 41, 63)
(146, 42, 62)
(146, 43, 61)
(146, 44, 60)
(146, 45, 59)
(146, 46, 58)
(146, 47, 57)
(146, 48, 56)
(146, 49, 55)
(146, 50, 54)
(146, 51, 53)
(146, 52, 52)

(146, 53, 51)
(146, 54, 50)
(146, 55, 49)
(146, 56, 48)
(146, 57, 47)
(146, 58, 46)
(146, 59, 45)
(146, 60, 44)
(146, 61, 43)
(146, 62, 42)
(146, 63, 41)
(146, 64, 40)
(146, 65, 39)
(146, 66, 38)
(146, 67, 37)
(146, 68, 36)
(146, 69, 35)
(146, 70, 34)
(146, 71, 33)
(146, 72, 32)
(146, 73, 31)
(146, 74, 30)
(146, 75, 29)
(146, 76, 28)
(146, 77, 27)
(146, 78, 26)
(146, 79, 25)
(146, 80, 24)
(146, 81, 23)
(146, 82, 22)
(146, 83, 21)
(146, 84, 20)
(146, 85, 19)
(146, 86, 18)
(146, 87, 17)
(146, 88, 16)
(146, 89, 15)
(146, 90, 14)
(146, 91, 13)
(146, 92, 12)
(146, 93, 11)
(146, 94, 10)
(146, 95, 9)
(146, 96, 8)
(146, 97, 7)
(146, 98, 6)
(146, 99, 5)
(146, 100, 4)

(146, 101, 3)
(146, 102, 2)
(146, 103, 1)
(146, 104, 0)
(147, 0, 103)
(147, 1, 102)
(147, 2, 101)
(147, 3, 100)
(147, 4, 99)
(147, 5, 98)
(147, 6, 97)
(147, 7, 96)
(147, 8, 95)
(147, 9, 94)
(147, 10, 93)
(147, 11, 92)
(147, 12, 91)
(147, 13, 90)
(147, 14, 89)
(147, 15, 88)
(147, 16, 87)
(147, 17, 86)
(147, 18, 85)
(147, 19, 84)
(147, 20, 83)
(147, 21, 82)
(147, 22, 81)
(147, 23, 80)
(147, 24, 79)
(147, 25, 78)
(147, 26, 77)
(147, 27, 76)
(147, 28, 75)
(147, 29, 74)
(147, 30, 73)
(147, 31, 72)
(147, 32, 71)
(147, 33, 70)
(147, 34, 69)
(147, 35, 68)
(147, 36, 67)
(147, 37, 66)
(147, 38, 65)
(147, 39, 64)
(147, 40, 63)
(147, 41, 62)
(147, 42, 61)
(147, 43, 60)

(147, 44, 59)
(147, 45, 58)
(147, 46, 57)
(147, 47, 56)
(147, 48, 55)
(147, 49, 54)
(147, 50, 53)
(147, 51, 52)
(147, 52, 51)
(147, 53, 50)
(147, 54, 49)
(147, 55, 48)
(147, 56, 47)
(147, 57, 46)
(147, 58, 45)
(147, 59, 44)
(147, 60, 43)
(147, 61, 42)
(147, 62, 41)
(147, 63, 40)
(147, 64, 39)
(147, 65, 38)
(147, 66, 37)
(147, 67, 36)
(147, 68, 35)
(147, 69, 34)
(147, 70, 33)
(147, 71, 32)
(147, 72, 31)
(147, 73, 30)
(147, 74, 29)
(147, 75, 28)
(147, 76, 27)
(147, 77, 26)
(147, 78, 25)
(147, 79, 24)
(147, 80, 23)
(147, 81, 22)
(147, 82, 21)
(147, 83, 20)
(147, 84, 19)
(147, 85, 18)
(147, 86, 17)
(147, 87, 16)
(147, 88, 15)
(147, 89, 14)
(147, 90, 13)
(147, 91, 12)

(147, 92, 11)
(147, 93, 10)
(147, 94, 9)
(147, 95, 8)
(147, 96, 7)
(147, 97, 6)
(147, 98, 5)
(147, 99, 4)
(147, 100, 3)
(147, 101, 2)
(147, 102, 1)
(147, 103, 0)
(148, 0, 102)
(148, 1, 101)
(148, 2, 100)
(148, 3, 99)
(148, 4, 98)
(148, 5, 97)
(148, 6, 96)
(148, 7, 95)
(148, 8, 94)
(148, 9, 93)
(148, 10, 92)
(148, 11, 91)
(148, 12, 90)
(148, 13, 89)
(148, 14, 88)
(148, 15, 87)
(148, 16, 86)
(148, 17, 85)
(148, 18, 84)
(148, 19, 83)
(148, 20, 82)
(148, 21, 81)
(148, 22, 80)
(148, 23, 79)
(148, 24, 78)
(148, 25, 77)
(148, 26, 76)
(148, 27, 75)
(148, 28, 74)
(148, 29, 73)
(148, 30, 72)
(148, 31, 71)
(148, 32, 70)
(148, 33, 69)
(148, 34, 68)
(148, 35, 67)

(148, 36, 66)
(148, 37, 65)
(148, 38, 64)
(148, 39, 63)
(148, 40, 62)
(148, 41, 61)
(148, 42, 60)
(148, 43, 59)
(148, 44, 58)
(148, 45, 57)
(148, 46, 56)
(148, 47, 55)
(148, 48, 54)
(148, 49, 53)
(148, 50, 52)
(148, 51, 51)
(148, 52, 50)
(148, 53, 49)
(148, 54, 48)
(148, 55, 47)
(148, 56, 46)
(148, 57, 45)
(148, 58, 44)
(148, 59, 43)
(148, 60, 42)
(148, 61, 41)
(148, 62, 40)
(148, 63, 39)
(148, 64, 38)
(148, 65, 37)
(148, 66, 36)
(148, 67, 35)
(148, 68, 34)
(148, 69, 33)
(148, 70, 32)
(148, 71, 31)
(148, 72, 30)
(148, 73, 29)
(148, 74, 28)
(148, 75, 27)
(148, 76, 26)
(148, 77, 25)
(148, 78, 24)
(148, 79, 23)
(148, 80, 22)
(148, 81, 21)
(148, 82, 20)
(148, 83, 19)

(148, 84, 18)
(148, 85, 17)
(148, 86, 16)
(148, 87, 15)
(148, 88, 14)
(148, 89, 13)
(148, 90, 12)
(148, 91, 11)
(148, 92, 10)
(148, 93, 9)
(148, 94, 8)
(148, 95, 7)
(148, 96, 6)
(148, 97, 5)
(148, 98, 4)
(148, 99, 3)
(148, 100, 2)
(148, 101, 1)
(148, 102, 0)
(149, 0, 101)
(149, 1, 100)
(149, 2, 99)
(149, 3, 98)
(149, 4, 97)
(149, 5, 96)
(149, 6, 95)
(149, 7, 94)
(149, 8, 93)
(149, 9, 92)
(149, 10, 91)
(149, 11, 90)
(149, 12, 89)
(149, 13, 88)
(149, 14, 87)
(149, 15, 86)
(149, 16, 85)
(149, 17, 84)
(149, 18, 83)
(149, 19, 82)
(149, 20, 81)
(149, 21, 80)
(149, 22, 79)
(149, 23, 78)
(149, 24, 77)
(149, 25, 76)
(149, 26, 75)
(149, 27, 74)
(149, 28, 73)

(149, 29, 72)
(149, 30, 71)
(149, 31, 70)
(149, 32, 69)
(149, 33, 68)
(149, 34, 67)
(149, 35, 66)
(149, 36, 65)
(149, 37, 64)
(149, 38, 63)
(149, 39, 62)
(149, 40, 61)
(149, 41, 60)
(149, 42, 59)
(149, 43, 58)
(149, 44, 57)
(149, 45, 56)
(149, 46, 55)
(149, 47, 54)
(149, 48, 53)
(149, 49, 52)
(149, 50, 51)
(149, 51, 50)
(149, 52, 49)
(149, 53, 48)
(149, 54, 47)
(149, 55, 46)
(149, 56, 45)
(149, 57, 44)
(149, 58, 43)
(149, 59, 42)
(149, 60, 41)
(149, 61, 40)
(149, 62, 39)
(149, 63, 38)
(149, 64, 37)
(149, 65, 36)
(149, 66, 35)
(149, 67, 34)
(149, 68, 33)
(149, 69, 32)
(149, 70, 31)
(149, 71, 30)
(149, 72, 29)
(149, 73, 28)
(149, 74, 27)
(149, 75, 26)
(149, 76, 25)

(149, 77, 24)
(149, 78, 23)
(149, 79, 22)
(149, 80, 21)
(149, 81, 20)
(149, 82, 19)
(149, 83, 18)
(149, 84, 17)
(149, 85, 16)
(149, 86, 15)
(149, 87, 14)
(149, 88, 13)
(149, 89, 12)
(149, 90, 11)
(149, 91, 10)
(149, 92, 9)
(149, 93, 8)
(149, 94, 7)
(149, 95, 6)
(149, 96, 5)
(149, 97, 4)
(149, 98, 3)
(149, 99, 2)
(149, 100, 1)
(149, 101, 0)
(150, 0, 100)
(150, 1, 99)
(150, 2, 98)
(150, 3, 97)
(150, 4, 96)
(150, 5, 95)
(150, 6, 94)
(150, 7, 93)
(150, 8, 92)
(150, 9, 91)
(150, 10, 90)
(150, 11, 89)
(150, 12, 88)
(150, 13, 87)
(150, 14, 86)
(150, 15, 85)
(150, 16, 84)
(150, 17, 83)
(150, 18, 82)
(150, 19, 81)
(150, 20, 80)
(150, 21, 79)
(150, 22, 78)

(150, 23, 77)
(150, 24, 76)
(150, 25, 75)
(150, 26, 74)
(150, 27, 73)
(150, 28, 72)
(150, 29, 71)
(150, 30, 70)
(150, 31, 69)
(150, 32, 68)
(150, 33, 67)
(150, 34, 66)
(150, 35, 65)
(150, 36, 64)
(150, 37, 63)
(150, 38, 62)
(150, 39, 61)
(150, 40, 60)
(150, 41, 59)
(150, 42, 58)
(150, 43, 57)
(150, 44, 56)
(150, 45, 55)
(150, 46, 54)
(150, 47, 53)
(150, 48, 52)
(150, 49, 51)
(150, 50, 50)
(150, 51, 49)
(150, 52, 48)
(150, 53, 47)
(150, 54, 46)
(150, 55, 45)
(150, 56, 44)
(150, 57, 43)
(150, 58, 42)
(150, 59, 41)
(150, 60, 40)
(150, 61, 39)
(150, 62, 38)
(150, 63, 37)
(150, 64, 36)
(150, 65, 35)
(150, 66, 34)
(150, 67, 33)
(150, 68, 32)
(150, 69, 31)
(150, 70, 30)

(150, 71, 29)
(150, 72, 28)
(150, 73, 27)
(150, 74, 26)
(150, 75, 25)
(150, 76, 24)
(150, 77, 23)
(150, 78, 22)
(150, 79, 21)
(150, 80, 20)
(150, 81, 19)
(150, 82, 18)
(150, 83, 17)
(150, 84, 16)
(150, 85, 15)
(150, 86, 14)
(150, 87, 13)
(150, 88, 12)
(150, 89, 11)
(150, 90, 10)
(150, 91, 9)
(150, 92, 8)
(150, 93, 7)
(150, 94, 6)
(150, 95, 5)
(150, 96, 4)
(150, 97, 3)
(150, 98, 2)
(150, 99, 1)
(150, 100, 0)
(151, 0, 99)
(151, 1, 98)
(151, 2, 97)
(151, 3, 96)
(151, 4, 95)
(151, 5, 94)
(151, 6, 93)
(151, 7, 92)
(151, 8, 91)
(151, 9, 90)
(151, 10, 89)
(151, 11, 88)
(151, 12, 87)
(151, 13, 86)
(151, 14, 85)
(151, 15, 84)
(151, 16, 83)
(151, 17, 82)

(151, 18, 81)
(151, 19, 80)
(151, 20, 79)
(151, 21, 78)
(151, 22, 77)
(151, 23, 76)
(151, 24, 75)
(151, 25, 74)
(151, 26, 73)
(151, 27, 72)
(151, 28, 71)
(151, 29, 70)
(151, 30, 69)
(151, 31, 68)
(151, 32, 67)
(151, 33, 66)
(151, 34, 65)
(151, 35, 64)
(151, 36, 63)
(151, 37, 62)
(151, 38, 61)
(151, 39, 60)
(151, 40, 59)
(151, 41, 58)
(151, 42, 57)
(151, 43, 56)
(151, 44, 55)
(151, 45, 54)
(151, 46, 53)
(151, 47, 52)
(151, 48, 51)
(151, 49, 50)
(151, 50, 49)
(151, 51, 48)
(151, 52, 47)
(151, 53, 46)
(151, 54, 45)
(151, 55, 44)
(151, 56, 43)
(151, 57, 42)
(151, 58, 41)
(151, 59, 40)
(151, 60, 39)
(151, 61, 38)
(151, 62, 37)
(151, 63, 36)
(151, 64, 35)
(151, 65, 34)

(151, 66, 33)
(151, 67, 32)
(151, 68, 31)
(151, 69, 30)
(151, 70, 29)
(151, 71, 28)
(151, 72, 27)
(151, 73, 26)
(151, 74, 25)
(151, 75, 24)
(151, 76, 23)
(151, 77, 22)
(151, 78, 21)
(151, 79, 20)
(151, 80, 19)
(151, 81, 18)
(151, 82, 17)
(151, 83, 16)
(151, 84, 15)
(151, 85, 14)
(151, 86, 13)
(151, 87, 12)
(151, 88, 11)
(151, 89, 10)
(151, 90, 9)
(151, 91, 8)
(151, 92, 7)
(151, 93, 6)
(151, 94, 5)
(151, 95, 4)
(151, 96, 3)
(151, 97, 2)
(151, 98, 1)
(151, 99, 0)
(152, 0, 98)
(152, 1, 97)
(152, 2, 96)
(152, 3, 95)
(152, 4, 94)
(152, 5, 93)
(152, 6, 92)
(152, 7, 91)
(152, 8, 90)
(152, 9, 89)
(152, 10, 88)
(152, 11, 87)
(152, 12, 86)
(152, 13, 85)

(152, 14, 84)
(152, 15, 83)
(152, 16, 82)
(152, 17, 81)
(152, 18, 80)
(152, 19, 79)
(152, 20, 78)
(152, 21, 77)
(152, 22, 76)
(152, 23, 75)
(152, 24, 74)
(152, 25, 73)
(152, 26, 72)
(152, 27, 71)
(152, 28, 70)
(152, 29, 69)
(152, 30, 68)
(152, 31, 67)
(152, 32, 66)
(152, 33, 65)
(152, 34, 64)
(152, 35, 63)
(152, 36, 62)
(152, 37, 61)
(152, 38, 60)
(152, 39, 59)
(152, 40, 58)
(152, 41, 57)
(152, 42, 56)
(152, 43, 55)
(152, 44, 54)
(152, 45, 53)
(152, 46, 52)
(152, 47, 51)
(152, 48, 50)
(152, 49, 49)
(152, 50, 48)
(152, 51, 47)
(152, 52, 46)
(152, 53, 45)
(152, 54, 44)
(152, 55, 43)
(152, 56, 42)
(152, 57, 41)
(152, 58, 40)
(152, 59, 39)
(152, 60, 38)
(152, 61, 37)

(152, 62, 36)
(152, 63, 35)
(152, 64, 34)
(152, 65, 33)
(152, 66, 32)
(152, 67, 31)
(152, 68, 30)
(152, 69, 29)
(152, 70, 28)
(152, 71, 27)
(152, 72, 26)
(152, 73, 25)
(152, 74, 24)
(152, 75, 23)
(152, 76, 22)
(152, 77, 21)
(152, 78, 20)
(152, 79, 19)
(152, 80, 18)
(152, 81, 17)
(152, 82, 16)
(152, 83, 15)
(152, 84, 14)
(152, 85, 13)
(152, 86, 12)
(152, 87, 11)
(152, 88, 10)
(152, 89, 9)
(152, 90, 8)
(152, 91, 7)
(152, 92, 6)
(152, 93, 5)
(152, 94, 4)
(152, 95, 3)
(152, 96, 2)
(152, 97, 1)
(152, 98, 0)
(153, 0, 97)
(153, 1, 96)
(153, 2, 95)
(153, 3, 94)
(153, 4, 93)
(153, 5, 92)
(153, 6, 91)
(153, 7, 90)
(153, 8, 89)
(153, 9, 88)
(153, 10, 87)

(153, 11, 86)
(153, 12, 85)
(153, 13, 84)
(153, 14, 83)
(153, 15, 82)
(153, 16, 81)
(153, 17, 80)
(153, 18, 79)
(153, 19, 78)
(153, 20, 77)
(153, 21, 76)
(153, 22, 75)
(153, 23, 74)
(153, 24, 73)
(153, 25, 72)
(153, 26, 71)
(153, 27, 70)
(153, 28, 69)
(153, 29, 68)
(153, 30, 67)
(153, 31, 66)
(153, 32, 65)
(153, 33, 64)
(153, 34, 63)
(153, 35, 62)
(153, 36, 61)
(153, 37, 60)
(153, 38, 59)
(153, 39, 58)
(153, 40, 57)
(153, 41, 56)
(153, 42, 55)
(153, 43, 54)
(153, 44, 53)
(153, 45, 52)
(153, 46, 51)
(153, 47, 50)
(153, 48, 49)
(153, 49, 48)
(153, 50, 47)
(153, 51, 46)
(153, 52, 45)
(153, 53, 44)
(153, 54, 43)
(153, 55, 42)
(153, 56, 41)
(153, 57, 40)
(153, 58, 39)

(153, 59, 38)
(153, 60, 37)
(153, 61, 36)
(153, 62, 35)
(153, 63, 34)
(153, 64, 33)
(153, 65, 32)
(153, 66, 31)
(153, 67, 30)
(153, 68, 29)
(153, 69, 28)
(153, 70, 27)
(153, 71, 26)
(153, 72, 25)
(153, 73, 24)
(153, 74, 23)
(153, 75, 22)
(153, 76, 21)
(153, 77, 20)
(153, 78, 19)
(153, 79, 18)
(153, 80, 17)
(153, 81, 16)
(153, 82, 15)
(153, 83, 14)
(153, 84, 13)
(153, 85, 12)
(153, 86, 11)
(153, 87, 10)
(153, 88, 9)
(153, 89, 8)
(153, 90, 7)
(153, 91, 6)
(153, 92, 5)
(153, 93, 4)
(153, 94, 3)
(153, 95, 2)
(153, 96, 1)
(153, 97, 0)
(154, 0, 96)
(154, 1, 95)
(154, 2, 94)
(154, 3, 93)
(154, 4, 92)
(154, 5, 91)
(154, 6, 90)
(154, 7, 89)
(154, 8, 88)

(154, 9, 87)
(154, 10, 86)
(154, 11, 85)
(154, 12, 84)
(154, 13, 83)
(154, 14, 82)
(154, 15, 81)
(154, 16, 80)
(154, 17, 79)
(154, 18, 78)
(154, 19, 77)
(154, 20, 76)
(154, 21, 75)
(154, 22, 74)
(154, 23, 73)
(154, 24, 72)
(154, 25, 71)
(154, 26, 70)
(154, 27, 69)
(154, 28, 68)
(154, 29, 67)
(154, 30, 66)
(154, 31, 65)
(154, 32, 64)
(154, 33, 63)
(154, 34, 62)
(154, 35, 61)
(154, 36, 60)
(154, 37, 59)
(154, 38, 58)
(154, 39, 57)
(154, 40, 56)
(154, 41, 55)
(154, 42, 54)
(154, 43, 53)
(154, 44, 52)
(154, 45, 51)
(154, 46, 50)
(154, 47, 49)
(154, 48, 48)
(154, 49, 47)
(154, 50, 46)
(154, 51, 45)
(154, 52, 44)
(154, 53, 43)
(154, 54, 42)
(154, 55, 41)
(154, 56, 40)

(154, 57, 39)
(154, 58, 38)
(154, 59, 37)
(154, 60, 36)
(154, 61, 35)
(154, 62, 34)
(154, 63, 33)
(154, 64, 32)
(154, 65, 31)
(154, 66, 30)
(154, 67, 29)
(154, 68, 28)
(154, 69, 27)
(154, 70, 26)
(154, 71, 25)
(154, 72, 24)
(154, 73, 23)
(154, 74, 22)
(154, 75, 21)
(154, 76, 20)
(154, 77, 19)
(154, 78, 18)
(154, 79, 17)
(154, 80, 16)
(154, 81, 15)
(154, 82, 14)
(154, 83, 13)
(154, 84, 12)
(154, 85, 11)
(154, 86, 10)
(154, 87, 9)
(154, 88, 8)
(154, 89, 7)
(154, 90, 6)
(154, 91, 5)
(154, 92, 4)
(154, 93, 3)
(154, 94, 2)
(154, 95, 1)
(154, 96, 0)
(155, 0, 95)
(155, 1, 94)
(155, 2, 93)
(155, 3, 92)
(155, 4, 91)
(155, 5, 90)
(155, 6, 89)
(155, 7, 88)

(155, 8, 87)
(155, 9, 86)
(155, 10, 85)
(155, 11, 84)
(155, 12, 83)
(155, 13, 82)
(155, 14, 81)
(155, 15, 80)
(155, 16, 79)
(155, 17, 78)
(155, 18, 77)
(155, 19, 76)
(155, 20, 75)
(155, 21, 74)
(155, 22, 73)
(155, 23, 72)
(155, 24, 71)
(155, 25, 70)
(155, 26, 69)
(155, 27, 68)
(155, 28, 67)
(155, 29, 66)
(155, 30, 65)
(155, 31, 64)
(155, 32, 63)
(155, 33, 62)
(155, 34, 61)
(155, 35, 60)
(155, 36, 59)
(155, 37, 58)
(155, 38, 57)
(155, 39, 56)
(155, 40, 55)
(155, 41, 54)
(155, 42, 53)
(155, 43, 52)
(155, 44, 51)
(155, 45, 50)
(155, 46, 49)
(155, 47, 48)
(155, 48, 47)
(155, 49, 46)
(155, 50, 45)
(155, 51, 44)
(155, 52, 43)
(155, 53, 42)
(155, 54, 41)
(155, 55, 40)

(155, 56, 39)
(155, 57, 38)
(155, 58, 37)
(155, 59, 36)
(155, 60, 35)
(155, 61, 34)
(155, 62, 33)
(155, 63, 32)
(155, 64, 31)
(155, 65, 30)
(155, 66, 29)
(155, 67, 28)
(155, 68, 27)
(155, 69, 26)
(155, 70, 25)
(155, 71, 24)
(155, 72, 23)
(155, 73, 22)
(155, 74, 21)
(155, 75, 20)
(155, 76, 19)
(155, 77, 18)
(155, 78, 17)
(155, 79, 16)
(155, 80, 15)
(155, 81, 14)
(155, 82, 13)
(155, 83, 12)
(155, 84, 11)
(155, 85, 10)
(155, 86, 9)
(155, 87, 8)
(155, 88, 7)
(155, 89, 6)
(155, 90, 5)
(155, 91, 4)
(155, 92, 3)
(155, 93, 2)
(155, 94, 1)
(155, 95, 0)
(156, 0, 94)
(156, 1, 93)
(156, 2, 92)
(156, 3, 91)
(156, 4, 90)
(156, 5, 89)
(156, 6, 88)
(156, 7, 87)

(156, 8, 86)
(156, 9, 85)
(156, 10, 84)
(156, 11, 83)
(156, 12, 82)
(156, 13, 81)
(156, 14, 80)
(156, 15, 79)
(156, 16, 78)
(156, 17, 77)
(156, 18, 76)
(156, 19, 75)
(156, 20, 74)
(156, 21, 73)
(156, 22, 72)
(156, 23, 71)
(156, 24, 70)
(156, 25, 69)
(156, 26, 68)
(156, 27, 67)
(156, 28, 66)
(156, 29, 65)
(156, 30, 64)
(156, 31, 63)
(156, 32, 62)
(156, 33, 61)
(156, 34, 60)
(156, 35, 59)
(156, 36, 58)
(156, 37, 57)
(156, 38, 56)
(156, 39, 55)
(156, 40, 54)
(156, 41, 53)
(156, 42, 52)
(156, 43, 51)
(156, 44, 50)
(156, 45, 49)
(156, 46, 48)
(156, 47, 47)
(156, 48, 46)
(156, 49, 45)
(156, 50, 44)
(156, 51, 43)
(156, 52, 42)
(156, 53, 41)
(156, 54, 40)
(156, 55, 39)

(156, 56, 38)
(156, 57, 37)
(156, 58, 36)
(156, 59, 35)
(156, 60, 34)
(156, 61, 33)
(156, 62, 32)
(156, 63, 31)
(156, 64, 30)
(156, 65, 29)
(156, 66, 28)
(156, 67, 27)
(156, 68, 26)
(156, 69, 25)
(156, 70, 24)
(156, 71, 23)
(156, 72, 22)
(156, 73, 21)
(156, 74, 20)
(156, 75, 19)
(156, 76, 18)
(156, 77, 17)
(156, 78, 16)
(156, 79, 15)
(156, 80, 14)
(156, 81, 13)
(156, 82, 12)
(156, 83, 11)
(156, 84, 10)
(156, 85, 9)
(156, 86, 8)
(156, 87, 7)
(156, 88, 6)
(156, 89, 5)
(156, 90, 4)
(156, 91, 3)
(156, 92, 2)
(156, 93, 1)
(156, 94, 0)
(157, 0, 93)
(157, 1, 92)
(157, 2, 91)
(157, 3, 90)
(157, 4, 89)
(157, 5, 88)
(157, 6, 87)
(157, 7, 86)
(157, 8, 85)

(157, 9, 84)
(157, 10, 83)
(157, 11, 82)
(157, 12, 81)
(157, 13, 80)
(157, 14, 79)
(157, 15, 78)
(157, 16, 77)
(157, 17, 76)
(157, 18, 75)
(157, 19, 74)
(157, 20, 73)
(157, 21, 72)
(157, 22, 71)
(157, 23, 70)
(157, 24, 69)
(157, 25, 68)
(157, 26, 67)
(157, 27, 66)
(157, 28, 65)
(157, 29, 64)
(157, 30, 63)
(157, 31, 62)
(157, 32, 61)
(157, 33, 60)
(157, 34, 59)
(157, 35, 58)
(157, 36, 57)
(157, 37, 56)
(157, 38, 55)
(157, 39, 54)
(157, 40, 53)
(157, 41, 52)
(157, 42, 51)
(157, 43, 50)
(157, 44, 49)
(157, 45, 48)
(157, 46, 47)
(157, 47, 46)
(157, 48, 45)
(157, 49, 44)
(157, 50, 43)
(157, 51, 42)
(157, 52, 41)
(157, 53, 40)
(157, 54, 39)
(157, 55, 38)
(157, 56, 37)

(157, 57, 36)
(157, 58, 35)
(157, 59, 34)
(157, 60, 33)
(157, 61, 32)
(157, 62, 31)
(157, 63, 30)
(157, 64, 29)
(157, 65, 28)
(157, 66, 27)
(157, 67, 26)
(157, 68, 25)
(157, 69, 24)
(157, 70, 23)
(157, 71, 22)
(157, 72, 21)
(157, 73, 20)
(157, 74, 19)
(157, 75, 18)
(157, 76, 17)
(157, 77, 16)
(157, 78, 15)
(157, 79, 14)
(157, 80, 13)
(157, 81, 12)
(157, 82, 11)
(157, 83, 10)
(157, 84, 9)
(157, 85, 8)
(157, 86, 7)
(157, 87, 6)
(157, 88, 5)
(157, 89, 4)
(157, 90, 3)
(157, 91, 2)
(157, 92, 1)
(157, 93, 0)
(158, 0, 92)
(158, 1, 91)
(158, 2, 90)
(158, 3, 89)
(158, 4, 88)
(158, 5, 87)
(158, 6, 86)
(158, 7, 85)
(158, 8, 84)
(158, 9, 83)
(158, 10, 82)

(158, 11, 81)
(158, 12, 80)
(158, 13, 79)
(158, 14, 78)
(158, 15, 77)
(158, 16, 76)
(158, 17, 75)
(158, 18, 74)
(158, 19, 73)
(158, 20, 72)
(158, 21, 71)
(158, 22, 70)
(158, 23, 69)
(158, 24, 68)
(158, 25, 67)
(158, 26, 66)
(158, 27, 65)
(158, 28, 64)
(158, 29, 63)
(158, 30, 62)
(158, 31, 61)
(158, 32, 60)
(158, 33, 59)
(158, 34, 58)
(158, 35, 57)
(158, 36, 56)
(158, 37, 55)
(158, 38, 54)
(158, 39, 53)
(158, 40, 52)
(158, 41, 51)
(158, 42, 50)
(158, 43, 49)
(158, 44, 48)
(158, 45, 47)
(158, 46, 46)
(158, 47, 45)
(158, 48, 44)
(158, 49, 43)
(158, 50, 42)
(158, 51, 41)
(158, 52, 40)
(158, 53, 39)
(158, 54, 38)
(158, 55, 37)
(158, 56, 36)
(158, 57, 35)
(158, 58, 34)

(158, 59, 33)
(158, 60, 32)
(158, 61, 31)
(158, 62, 30)
(158, 63, 29)
(158, 64, 28)
(158, 65, 27)
(158, 66, 26)
(158, 67, 25)
(158, 68, 24)
(158, 69, 23)
(158, 70, 22)
(158, 71, 21)
(158, 72, 20)
(158, 73, 19)
(158, 74, 18)
(158, 75, 17)
(158, 76, 16)
(158, 77, 15)
(158, 78, 14)
(158, 79, 13)
(158, 80, 12)
(158, 81, 11)
(158, 82, 10)
(158, 83, 9)
(158, 84, 8)
(158, 85, 7)
(158, 86, 6)
(158, 87, 5)
(158, 88, 4)
(158, 89, 3)
(158, 90, 2)
(158, 91, 1)
(158, 92, 0)
(159, 0, 91)
(159, 1, 90)
(159, 2, 89)
(159, 3, 88)
(159, 4, 87)
(159, 5, 86)
(159, 6, 85)
(159, 7, 84)
(159, 8, 83)
(159, 9, 82)
(159, 10, 81)
(159, 11, 80)
(159, 12, 79)
(159, 13, 78)

(159, 14, 77)
(159, 15, 76)
(159, 16, 75)
(159, 17, 74)
(159, 18, 73)
(159, 19, 72)
(159, 20, 71)
(159, 21, 70)
(159, 22, 69)
(159, 23, 68)
(159, 24, 67)
(159, 25, 66)
(159, 26, 65)
(159, 27, 64)
(159, 28, 63)
(159, 29, 62)
(159, 30, 61)
(159, 31, 60)
(159, 32, 59)
(159, 33, 58)
(159, 34, 57)
(159, 35, 56)
(159, 36, 55)
(159, 37, 54)
(159, 38, 53)
(159, 39, 52)
(159, 40, 51)
(159, 41, 50)
(159, 42, 49)
(159, 43, 48)
(159, 44, 47)
(159, 45, 46)
(159, 46, 45)
(159, 47, 44)
(159, 48, 43)
(159, 49, 42)
(159, 50, 41)
(159, 51, 40)
(159, 52, 39)
(159, 53, 38)
(159, 54, 37)
(159, 55, 36)
(159, 56, 35)
(159, 57, 34)
(159, 58, 33)
(159, 59, 32)
(159, 60, 31)
(159, 61, 30)

(159, 62, 29)
(159, 63, 28)
(159, 64, 27)
(159, 65, 26)
(159, 66, 25)
(159, 67, 24)
(159, 68, 23)
(159, 69, 22)
(159, 70, 21)
(159, 71, 20)
(159, 72, 19)
(159, 73, 18)
(159, 74, 17)
(159, 75, 16)
(159, 76, 15)
(159, 77, 14)
(159, 78, 13)
(159, 79, 12)
(159, 80, 11)
(159, 81, 10)
(159, 82, 9)
(159, 83, 8)
(159, 84, 7)
(159, 85, 6)
(159, 86, 5)
(159, 87, 4)
(159, 88, 3)
(159, 89, 2)
(159, 90, 1)
(159, 91, 0)
(160, 0, 90)
(160, 1, 89)
(160, 2, 88)
(160, 3, 87)
(160, 4, 86)
(160, 5, 85)
(160, 6, 84)
(160, 7, 83)
(160, 8, 82)
(160, 9, 81)
(160, 10, 80)
(160, 11, 79)
(160, 12, 78)
(160, 13, 77)
(160, 14, 76)
(160, 15, 75)
(160, 16, 74)
(160, 17, 73)

(160, 18, 72)
(160, 19, 71)
(160, 20, 70)
(160, 21, 69)
(160, 22, 68)
(160, 23, 67)
(160, 24, 66)
(160, 25, 65)
(160, 26, 64)
(160, 27, 63)
(160, 28, 62)
(160, 29, 61)
(160, 30, 60)
(160, 31, 59)
(160, 32, 58)
(160, 33, 57)
(160, 34, 56)
(160, 35, 55)
(160, 36, 54)
(160, 37, 53)
(160, 38, 52)
(160, 39, 51)
(160, 40, 50)
(160, 41, 49)
(160, 42, 48)
(160, 43, 47)
(160, 44, 46)
(160, 45, 45)
(160, 46, 44)
(160, 47, 43)
(160, 48, 42)
(160, 49, 41)
(160, 50, 40)
(160, 51, 39)
(160, 52, 38)
(160, 53, 37)
(160, 54, 36)
(160, 55, 35)
(160, 56, 34)
(160, 57, 33)
(160, 58, 32)
(160, 59, 31)
(160, 60, 30)
(160, 61, 29)
(160, 62, 28)
(160, 63, 27)
(160, 64, 26)
(160, 65, 25)

(160, 66, 24)
(160, 67, 23)
(160, 68, 22)
(160, 69, 21)
(160, 70, 20)
(160, 71, 19)
(160, 72, 18)
(160, 73, 17)
(160, 74, 16)
(160, 75, 15)
(160, 76, 14)
(160, 77, 13)
(160, 78, 12)
(160, 79, 11)
(160, 80, 10)
(160, 81, 9)
(160, 82, 8)
(160, 83, 7)
(160, 84, 6)
(160, 85, 5)
(160, 86, 4)
(160, 87, 3)
(160, 88, 2)
(160, 89, 1)
(160, 90, 0)
(161, 0, 89)
(161, 1, 88)
(161, 2, 87)
(161, 3, 86)
(161, 4, 85)
(161, 5, 84)
(161, 6, 83)
(161, 7, 82)
(161, 8, 81)
(161, 9, 80)
(161, 10, 79)
(161, 11, 78)
(161, 12, 77)
(161, 13, 76)
(161, 14, 75)
(161, 15, 74)
(161, 16, 73)
(161, 17, 72)
(161, 18, 71)
(161, 19, 70)
(161, 20, 69)
(161, 21, 68)
(161, 22, 67)

(161, 23, 66)
(161, 24, 65)
(161, 25, 64)
(161, 26, 63)
(161, 27, 62)
(161, 28, 61)
(161, 29, 60)
(161, 30, 59)
(161, 31, 58)
(161, 32, 57)
(161, 33, 56)
(161, 34, 55)
(161, 35, 54)
(161, 36, 53)
(161, 37, 52)
(161, 38, 51)
(161, 39, 50)
(161, 40, 49)
(161, 41, 48)
(161, 42, 47)
(161, 43, 46)
(161, 44, 45)
(161, 45, 44)
(161, 46, 43)
(161, 47, 42)
(161, 48, 41)
(161, 49, 40)
(161, 50, 39)
(161, 51, 38)
(161, 52, 37)
(161, 53, 36)
(161, 54, 35)
(161, 55, 34)
(161, 56, 33)
(161, 57, 32)
(161, 58, 31)
(161, 59, 30)
(161, 60, 29)
(161, 61, 28)
(161, 62, 27)
(161, 63, 26)
(161, 64, 25)
(161, 65, 24)
(161, 66, 23)
(161, 67, 22)
(161, 68, 21)
(161, 69, 20)
(161, 70, 19)

(161, 71, 18)
(161, 72, 17)
(161, 73, 16)
(161, 74, 15)
(161, 75, 14)
(161, 76, 13)
(161, 77, 12)
(161, 78, 11)
(161, 79, 10)
(161, 80, 9)
(161, 81, 8)
(161, 82, 7)
(161, 83, 6)
(161, 84, 5)
(161, 85, 4)
(161, 86, 3)
(161, 87, 2)
(161, 88, 1)
(161, 89, 0)
(162, 0, 88)
(162, 1, 87)
(162, 2, 86)
(162, 3, 85)
(162, 4, 84)
(162, 5, 83)
(162, 6, 82)
(162, 7, 81)
(162, 8, 80)
(162, 9, 79)
(162, 10, 78)
(162, 11, 77)
(162, 12, 76)
(162, 13, 75)
(162, 14, 74)
(162, 15, 73)
(162, 16, 72)
(162, 17, 71)
(162, 18, 70)
(162, 19, 69)
(162, 20, 68)
(162, 21, 67)
(162, 22, 66)
(162, 23, 65)
(162, 24, 64)
(162, 25, 63)
(162, 26, 62)
(162, 27, 61)
(162, 28, 60)

(162, 29, 59)
(162, 30, 58)
(162, 31, 57)
(162, 32, 56)
(162, 33, 55)
(162, 34, 54)
(162, 35, 53)
(162, 36, 52)
(162, 37, 51)
(162, 38, 50)
(162, 39, 49)
(162, 40, 48)
(162, 41, 47)
(162, 42, 46)
(162, 43, 45)
(162, 44, 44)
(162, 45, 43)
(162, 46, 42)
(162, 47, 41)
(162, 48, 40)
(162, 49, 39)
(162, 50, 38)
(162, 51, 37)
(162, 52, 36)
(162, 53, 35)
(162, 54, 34)
(162, 55, 33)
(162, 56, 32)
(162, 57, 31)
(162, 58, 30)
(162, 59, 29)
(162, 60, 28)
(162, 61, 27)
(162, 62, 26)
(162, 63, 25)
(162, 64, 24)
(162, 65, 23)
(162, 66, 22)
(162, 67, 21)
(162, 68, 20)
(162, 69, 19)
(162, 70, 18)
(162, 71, 17)
(162, 72, 16)
(162, 73, 15)
(162, 74, 14)
(162, 75, 13)
(162, 76, 12)

(162, 77, 11)
(162, 78, 10)
(162, 79, 9)
(162, 80, 8)
(162, 81, 7)
(162, 82, 6)
(162, 83, 5)
(162, 84, 4)
(162, 85, 3)
(162, 86, 2)
(162, 87, 1)
(162, 88, 0)
(163, 0, 87)
(163, 1, 86)
(163, 2, 85)
(163, 3, 84)
(163, 4, 83)
(163, 5, 82)
(163, 6, 81)
(163, 7, 80)
(163, 8, 79)
(163, 9, 78)
(163, 10, 77)
(163, 11, 76)
(163, 12, 75)
(163, 13, 74)
(163, 14, 73)
(163, 15, 72)
(163, 16, 71)
(163, 17, 70)
(163, 18, 69)
(163, 19, 68)
(163, 20, 67)
(163, 21, 66)
(163, 22, 65)
(163, 23, 64)
(163, 24, 63)
(163, 25, 62)
(163, 26, 61)
(163, 27, 60)
(163, 28, 59)
(163, 29, 58)
(163, 30, 57)
(163, 31, 56)
(163, 32, 55)
(163, 33, 54)
(163, 34, 53)
(163, 35, 52)

(163, 36, 51)
(163, 37, 50)
(163, 38, 49)
(163, 39, 48)
(163, 40, 47)
(163, 41, 46)
(163, 42, 45)
(163, 43, 44)
(163, 44, 43)
(163, 45, 42)
(163, 46, 41)
(163, 47, 40)
(163, 48, 39)
(163, 49, 38)
(163, 50, 37)
(163, 51, 36)
(163, 52, 35)
(163, 53, 34)
(163, 54, 33)
(163, 55, 32)
(163, 56, 31)
(163, 57, 30)
(163, 58, 29)
(163, 59, 28)
(163, 60, 27)
(163, 61, 26)
(163, 62, 25)
(163, 63, 24)
(163, 64, 23)
(163, 65, 22)
(163, 66, 21)
(163, 67, 20)
(163, 68, 19)
(163, 69, 18)
(163, 70, 17)
(163, 71, 16)
(163, 72, 15)
(163, 73, 14)
(163, 74, 13)
(163, 75, 12)
(163, 76, 11)
(163, 77, 10)
(163, 78, 9)
(163, 79, 8)
(163, 80, 7)
(163, 81, 6)
(163, 82, 5)
(163, 83, 4)

(163, 84, 3)
(163, 85, 2)
(163, 86, 1)
(163, 87, 0)
(164, 0, 86)
(164, 1, 85)
(164, 2, 84)
(164, 3, 83)
(164, 4, 82)
(164, 5, 81)
(164, 6, 80)
(164, 7, 79)
(164, 8, 78)
(164, 9, 77)
(164, 10, 76)
(164, 11, 75)
(164, 12, 74)
(164, 13, 73)
(164, 14, 72)
(164, 15, 71)
(164, 16, 70)
(164, 17, 69)
(164, 18, 68)
(164, 19, 67)
(164, 20, 66)
(164, 21, 65)
(164, 22, 64)
(164, 23, 63)
(164, 24, 62)
(164, 25, 61)
(164, 26, 60)
(164, 27, 59)
(164, 28, 58)
(164, 29, 57)
(164, 30, 56)
(164, 31, 55)
(164, 32, 54)
(164, 33, 53)
(164, 34, 52)
(164, 35, 51)
(164, 36, 50)
(164, 37, 49)
(164, 38, 48)
(164, 39, 47)
(164, 40, 46)
(164, 41, 45)
(164, 42, 44)
(164, 43, 43)

(164, 44, 42)
(164, 45, 41)
(164, 46, 40)
(164, 47, 39)
(164, 48, 38)
(164, 49, 37)
(164, 50, 36)
(164, 51, 35)
(164, 52, 34)
(164, 53, 33)
(164, 54, 32)
(164, 55, 31)
(164, 56, 30)
(164, 57, 29)
(164, 58, 28)
(164, 59, 27)
(164, 60, 26)
(164, 61, 25)
(164, 62, 24)
(164, 63, 23)
(164, 64, 22)
(164, 65, 21)
(164, 66, 20)
(164, 67, 19)
(164, 68, 18)
(164, 69, 17)
(164, 70, 16)
(164, 71, 15)
(164, 72, 14)
(164, 73, 13)
(164, 74, 12)
(164, 75, 11)
(164, 76, 10)
(164, 77, 9)
(164, 78, 8)
(164, 79, 7)
(164, 80, 6)
(164, 81, 5)
(164, 82, 4)
(164, 83, 3)
(164, 84, 2)
(164, 85, 1)
(164, 86, 0)
(165, 0, 85)
(165, 1, 84)
(165, 2, 83)
(165, 3, 82)
(165, 4, 81)

(165, 5, 80)
(165, 6, 79)
(165, 7, 78)
(165, 8, 77)
(165, 9, 76)
(165, 10, 75)
(165, 11, 74)
(165, 12, 73)
(165, 13, 72)
(165, 14, 71)
(165, 15, 70)
(165, 16, 69)
(165, 17, 68)
(165, 18, 67)
(165, 19, 66)
(165, 20, 65)
(165, 21, 64)
(165, 22, 63)
(165, 23, 62)
(165, 24, 61)
(165, 25, 60)
(165, 26, 59)
(165, 27, 58)
(165, 28, 57)
(165, 29, 56)
(165, 30, 55)
(165, 31, 54)
(165, 32, 53)
(165, 33, 52)
(165, 34, 51)
(165, 35, 50)
(165, 36, 49)
(165, 37, 48)
(165, 38, 47)
(165, 39, 46)
(165, 40, 45)
(165, 41, 44)
(165, 42, 43)
(165, 43, 42)
(165, 44, 41)
(165, 45, 40)
(165, 46, 39)
(165, 47, 38)
(165, 48, 37)
(165, 49, 36)
(165, 50, 35)
(165, 51, 34)
(165, 52, 33)

(165, 53, 32)
(165, 54, 31)
(165, 55, 30)
(165, 56, 29)
(165, 57, 28)
(165, 58, 27)
(165, 59, 26)
(165, 60, 25)
(165, 61, 24)
(165, 62, 23)
(165, 63, 22)
(165, 64, 21)
(165, 65, 20)
(165, 66, 19)
(165, 67, 18)
(165, 68, 17)
(165, 69, 16)
(165, 70, 15)
(165, 71, 14)
(165, 72, 13)
(165, 73, 12)
(165, 74, 11)
(165, 75, 10)
(165, 76, 9)
(165, 77, 8)
(165, 78, 7)
(165, 79, 6)
(165, 80, 5)
(165, 81, 4)
(165, 82, 3)
(165, 83, 2)
(165, 84, 1)
(165, 85, 0)
(166, 0, 84)
(166, 1, 83)
(166, 2, 82)
(166, 3, 81)
(166, 4, 80)
(166, 5, 79)
(166, 6, 78)
(166, 7, 77)
(166, 8, 76)
(166, 9, 75)
(166, 10, 74)
(166, 11, 73)
(166, 12, 72)
(166, 13, 71)
(166, 14, 70)

(166, 15, 69)
(166, 16, 68)
(166, 17, 67)
(166, 18, 66)
(166, 19, 65)
(166, 20, 64)
(166, 21, 63)
(166, 22, 62)
(166, 23, 61)
(166, 24, 60)
(166, 25, 59)
(166, 26, 58)
(166, 27, 57)
(166, 28, 56)
(166, 29, 55)
(166, 30, 54)
(166, 31, 53)
(166, 32, 52)
(166, 33, 51)
(166, 34, 50)
(166, 35, 49)
(166, 36, 48)
(166, 37, 47)
(166, 38, 46)
(166, 39, 45)
(166, 40, 44)
(166, 41, 43)
(166, 42, 42)
(166, 43, 41)
(166, 44, 40)
(166, 45, 39)
(166, 46, 38)
(166, 47, 37)
(166, 48, 36)
(166, 49, 35)
(166, 50, 34)
(166, 51, 33)
(166, 52, 32)
(166, 53, 31)
(166, 54, 30)
(166, 55, 29)
(166, 56, 28)
(166, 57, 27)
(166, 58, 26)
(166, 59, 25)
(166, 60, 24)
(166, 61, 23)
(166, 62, 22)

(166, 63, 21)
(166, 64, 20)
(166, 65, 19)
(166, 66, 18)
(166, 67, 17)
(166, 68, 16)
(166, 69, 15)
(166, 70, 14)
(166, 71, 13)
(166, 72, 12)
(166, 73, 11)
(166, 74, 10)
(166, 75, 9)
(166, 76, 8)
(166, 77, 7)
(166, 78, 6)
(166, 79, 5)
(166, 80, 4)
(166, 81, 3)
(166, 82, 2)
(166, 83, 1)
(166, 84, 0)
(167, 0, 83)
(167, 1, 82)
(167, 2, 81)
(167, 3, 80)
(167, 4, 79)
(167, 5, 78)
(167, 6, 77)
(167, 7, 76)
(167, 8, 75)
(167, 9, 74)
(167, 10, 73)
(167, 11, 72)
(167, 12, 71)
(167, 13, 70)
(167, 14, 69)
(167, 15, 68)
(167, 16, 67)
(167, 17, 66)
(167, 18, 65)
(167, 19, 64)
(167, 20, 63)
(167, 21, 62)
(167, 22, 61)
(167, 23, 60)
(167, 24, 59)
(167, 25, 58)

(167, 26, 57)
(167, 27, 56)
(167, 28, 55)
(167, 29, 54)
(167, 30, 53)
(167, 31, 52)
(167, 32, 51)
(167, 33, 50)
(167, 34, 49)
(167, 35, 48)
(167, 36, 47)
(167, 37, 46)
(167, 38, 45)
(167, 39, 44)
(167, 40, 43)
(167, 41, 42)
(167, 42, 41)
(167, 43, 40)
(167, 44, 39)
(167, 45, 38)
(167, 46, 37)
(167, 47, 36)
(167, 48, 35)
(167, 49, 34)
(167, 50, 33)
(167, 51, 32)
(167, 52, 31)
(167, 53, 30)
(167, 54, 29)
(167, 55, 28)
(167, 56, 27)
(167, 57, 26)
(167, 58, 25)
(167, 59, 24)
(167, 60, 23)
(167, 61, 22)
(167, 62, 21)
(167, 63, 20)
(167, 64, 19)
(167, 65, 18)
(167, 66, 17)
(167, 67, 16)
(167, 68, 15)
(167, 69, 14)
(167, 70, 13)
(167, 71, 12)
(167, 72, 11)
(167, 73, 10)

(167, 74, 9)
(167, 75, 8)
(167, 76, 7)
(167, 77, 6)
(167, 78, 5)
(167, 79, 4)
(167, 80, 3)
(167, 81, 2)
(167, 82, 1)
(167, 83, 0)
(168, 0, 82)
(168, 1, 81)
(168, 2, 80)
(168, 3, 79)
(168, 4, 78)
(168, 5, 77)
(168, 6, 76)
(168, 7, 75)
(168, 8, 74)
(168, 9, 73)
(168, 10, 72)
(168, 11, 71)
(168, 12, 70)
(168, 13, 69)
(168, 14, 68)
(168, 15, 67)
(168, 16, 66)
(168, 17, 65)
(168, 18, 64)
(168, 19, 63)
(168, 20, 62)
(168, 21, 61)
(168, 22, 60)
(168, 23, 59)
(168, 24, 58)
(168, 25, 57)
(168, 26, 56)
(168, 27, 55)
(168, 28, 54)
(168, 29, 53)
(168, 30, 52)
(168, 31, 51)
(168, 32, 50)
(168, 33, 49)
(168, 34, 48)
(168, 35, 47)
(168, 36, 46)
(168, 37, 45)

(168, 38, 44)
(168, 39, 43)
(168, 40, 42)
(168, 41, 41)
(168, 42, 40)
(168, 43, 39)
(168, 44, 38)
(168, 45, 37)
(168, 46, 36)
(168, 47, 35)
(168, 48, 34)
(168, 49, 33)
(168, 50, 32)
(168, 51, 31)
(168, 52, 30)
(168, 53, 29)
(168, 54, 28)
(168, 55, 27)
(168, 56, 26)
(168, 57, 25)
(168, 58, 24)
(168, 59, 23)
(168, 60, 22)
(168, 61, 21)
(168, 62, 20)
(168, 63, 19)
(168, 64, 18)
(168, 65, 17)
(168, 66, 16)
(168, 67, 15)
(168, 68, 14)
(168, 69, 13)
(168, 70, 12)
(168, 71, 11)
(168, 72, 10)
(168, 73, 9)
(168, 74, 8)
(168, 75, 7)
(168, 76, 6)
(168, 77, 5)
(168, 78, 4)
(168, 79, 3)
(168, 80, 2)
(168, 81, 1)
(168, 82, 0)
(169, 0, 81)
(169, 1, 80)
(169, 2, 79)

(169, 3, 78)
(169, 4, 77)
(169, 5, 76)
(169, 6, 75)
(169, 7, 74)
(169, 8, 73)
(169, 9, 72)
(169, 10, 71)
(169, 11, 70)
(169, 12, 69)
(169, 13, 68)
(169, 14, 67)
(169, 15, 66)
(169, 16, 65)
(169, 17, 64)
(169, 18, 63)
(169, 19, 62)
(169, 20, 61)
(169, 21, 60)
(169, 22, 59)
(169, 23, 58)
(169, 24, 57)
(169, 25, 56)
(169, 26, 55)
(169, 27, 54)
(169, 28, 53)
(169, 29, 52)
(169, 30, 51)
(169, 31, 50)
(169, 32, 49)
(169, 33, 48)
(169, 34, 47)
(169, 35, 46)
(169, 36, 45)
(169, 37, 44)
(169, 38, 43)
(169, 39, 42)
(169, 40, 41)
(169, 41, 40)
(169, 42, 39)
(169, 43, 38)
(169, 44, 37)
(169, 45, 36)
(169, 46, 35)
(169, 47, 34)
(169, 48, 33)
(169, 49, 32)
(169, 50, 31)

(169, 51, 30)
(169, 52, 29)
(169, 53, 28)
(169, 54, 27)
(169, 55, 26)
(169, 56, 25)
(169, 57, 24)
(169, 58, 23)
(169, 59, 22)
(169, 60, 21)
(169, 61, 20)
(169, 62, 19)
(169, 63, 18)
(169, 64, 17)
(169, 65, 16)
(169, 66, 15)
(169, 67, 14)
(169, 68, 13)
(169, 69, 12)
(169, 70, 11)
(169, 71, 10)
(169, 72, 9)
(169, 73, 8)
(169, 74, 7)
(169, 75, 6)
(169, 76, 5)
(169, 77, 4)
(169, 78, 3)
(169, 79, 2)
(169, 80, 1)
(169, 81, 0)
(170, 0, 80)
(170, 1, 79)
(170, 2, 78)
(170, 3, 77)
(170, 4, 76)
(170, 5, 75)
(170, 6, 74)
(170, 7, 73)
(170, 8, 72)
(170, 9, 71)
(170, 10, 70)
(170, 11, 69)
(170, 12, 68)
(170, 13, 67)
(170, 14, 66)
(170, 15, 65)
(170, 16, 64)

(170, 17, 63)
(170, 18, 62)
(170, 19, 61)
(170, 20, 60)
(170, 21, 59)
(170, 22, 58)
(170, 23, 57)
(170, 24, 56)
(170, 25, 55)
(170, 26, 54)
(170, 27, 53)
(170, 28, 52)
(170, 29, 51)
(170, 30, 50)
(170, 31, 49)
(170, 32, 48)
(170, 33, 47)
(170, 34, 46)
(170, 35, 45)
(170, 36, 44)
(170, 37, 43)
(170, 38, 42)
(170, 39, 41)
(170, 40, 40)
(170, 41, 39)
(170, 42, 38)
(170, 43, 37)
(170, 44, 36)
(170, 45, 35)
(170, 46, 34)
(170, 47, 33)
(170, 48, 32)
(170, 49, 31)
(170, 50, 30)
(170, 51, 29)
(170, 52, 28)
(170, 53, 27)
(170, 54, 26)
(170, 55, 25)
(170, 56, 24)
(170, 57, 23)
(170, 58, 22)
(170, 59, 21)
(170, 60, 20)
(170, 61, 19)
(170, 62, 18)
(170, 63, 17)
(170, 64, 16)

(170, 65, 15)
(170, 66, 14)
(170, 67, 13)
(170, 68, 12)
(170, 69, 11)
(170, 70, 10)
(170, 71, 9)
(170, 72, 8)
(170, 73, 7)
(170, 74, 6)
(170, 75, 5)
(170, 76, 4)
(170, 77, 3)
(170, 78, 2)
(170, 79, 1)
(170, 80, 0)
(171, 0, 79)
(171, 1, 78)
(171, 2, 77)
(171, 3, 76)
(171, 4, 75)
(171, 5, 74)
(171, 6, 73)
(171, 7, 72)
(171, 8, 71)
(171, 9, 70)
(171, 10, 69)
(171, 11, 68)
(171, 12, 67)
(171, 13, 66)
(171, 14, 65)
(171, 15, 64)
(171, 16, 63)
(171, 17, 62)
(171, 18, 61)
(171, 19, 60)
(171, 20, 59)
(171, 21, 58)
(171, 22, 57)
(171, 23, 56)
(171, 24, 55)
(171, 25, 54)
(171, 26, 53)
(171, 27, 52)
(171, 28, 51)
(171, 29, 50)
(171, 30, 49)
(171, 31, 48)

(171, 32, 47)
(171, 33, 46)
(171, 34, 45)
(171, 35, 44)
(171, 36, 43)
(171, 37, 42)
(171, 38, 41)
(171, 39, 40)
(171, 40, 39)
(171, 41, 38)
(171, 42, 37)
(171, 43, 36)
(171, 44, 35)
(171, 45, 34)
(171, 46, 33)
(171, 47, 32)
(171, 48, 31)
(171, 49, 30)
(171, 50, 29)
(171, 51, 28)
(171, 52, 27)
(171, 53, 26)
(171, 54, 25)
(171, 55, 24)
(171, 56, 23)
(171, 57, 22)
(171, 58, 21)
(171, 59, 20)
(171, 60, 19)
(171, 61, 18)
(171, 62, 17)
(171, 63, 16)
(171, 64, 15)
(171, 65, 14)
(171, 66, 13)
(171, 67, 12)
(171, 68, 11)
(171, 69, 10)
(171, 70, 9)
(171, 71, 8)
(171, 72, 7)
(171, 73, 6)
(171, 74, 5)
(171, 75, 4)
(171, 76, 3)
(171, 77, 2)
(171, 78, 1)
(171, 79, 0)

(172, 0, 78)
(172, 1, 77)
(172, 2, 76)
(172, 3, 75)
(172, 4, 74)
(172, 5, 73)
(172, 6, 72)
(172, 7, 71)
(172, 8, 70)
(172, 9, 69)
(172, 10, 68)
(172, 11, 67)
(172, 12, 66)
(172, 13, 65)
(172, 14, 64)
(172, 15, 63)
(172, 16, 62)
(172, 17, 61)
(172, 18, 60)
(172, 19, 59)
(172, 20, 58)
(172, 21, 57)
(172, 22, 56)
(172, 23, 55)
(172, 24, 54)
(172, 25, 53)
(172, 26, 52)
(172, 27, 51)
(172, 28, 50)
(172, 29, 49)
(172, 30, 48)
(172, 31, 47)
(172, 32, 46)
(172, 33, 45)
(172, 34, 44)
(172, 35, 43)
(172, 36, 42)
(172, 37, 41)
(172, 38, 40)
(172, 39, 39)
(172, 40, 38)
(172, 41, 37)
(172, 42, 36)
(172, 43, 35)
(172, 44, 34)
(172, 45, 33)
(172, 46, 32)
(172, 47, 31)

(172, 48, 30)
(172, 49, 29)
(172, 50, 28)
(172, 51, 27)
(172, 52, 26)
(172, 53, 25)
(172, 54, 24)
(172, 55, 23)
(172, 56, 22)
(172, 57, 21)
(172, 58, 20)
(172, 59, 19)
(172, 60, 18)
(172, 61, 17)
(172, 62, 16)
(172, 63, 15)
(172, 64, 14)
(172, 65, 13)
(172, 66, 12)
(172, 67, 11)
(172, 68, 10)
(172, 69, 9)
(172, 70, 8)
(172, 71, 7)
(172, 72, 6)
(172, 73, 5)
(172, 74, 4)
(172, 75, 3)
(172, 76, 2)
(172, 77, 1)
(172, 78, 0)
(173, 0, 77)
(173, 1, 76)
(173, 2, 75)
(173, 3, 74)
(173, 4, 73)
(173, 5, 72)
(173, 6, 71)
(173, 7, 70)
(173, 8, 69)
(173, 9, 68)
(173, 10, 67)
(173, 11, 66)
(173, 12, 65)
(173, 13, 64)
(173, 14, 63)
(173, 15, 62)
(173, 16, 61)

(173, 17, 60)
(173, 18, 59)
(173, 19, 58)
(173, 20, 57)
(173, 21, 56)
(173, 22, 55)
(173, 23, 54)
(173, 24, 53)
(173, 25, 52)
(173, 26, 51)
(173, 27, 50)
(173, 28, 49)
(173, 29, 48)
(173, 30, 47)
(173, 31, 46)
(173, 32, 45)
(173, 33, 44)
(173, 34, 43)
(173, 35, 42)
(173, 36, 41)
(173, 37, 40)
(173, 38, 39)
(173, 39, 38)
(173, 40, 37)
(173, 41, 36)
(173, 42, 35)
(173, 43, 34)
(173, 44, 33)
(173, 45, 32)
(173, 46, 31)
(173, 47, 30)
(173, 48, 29)
(173, 49, 28)
(173, 50, 27)
(173, 51, 26)
(173, 52, 25)
(173, 53, 24)
(173, 54, 23)
(173, 55, 22)
(173, 56, 21)
(173, 57, 20)
(173, 58, 19)
(173, 59, 18)
(173, 60, 17)
(173, 61, 16)
(173, 62, 15)
(173, 63, 14)
(173, 64, 13)

(173, 65, 12)
(173, 66, 11)
(173, 67, 10)
(173, 68, 9)
(173, 69, 8)
(173, 70, 7)
(173, 71, 6)
(173, 72, 5)
(173, 73, 4)
(173, 74, 3)
(173, 75, 2)
(173, 76, 1)
(173, 77, 0)
(174, 0, 76)
(174, 1, 75)
(174, 2, 74)
(174, 3, 73)
(174, 4, 72)
(174, 5, 71)
(174, 6, 70)
(174, 7, 69)
(174, 8, 68)
(174, 9, 67)
(174, 10, 66)
(174, 11, 65)
(174, 12, 64)
(174, 13, 63)
(174, 14, 62)
(174, 15, 61)
(174, 16, 60)
(174, 17, 59)
(174, 18, 58)
(174, 19, 57)
(174, 20, 56)
(174, 21, 55)
(174, 22, 54)
(174, 23, 53)
(174, 24, 52)
(174, 25, 51)
(174, 26, 50)
(174, 27, 49)
(174, 28, 48)
(174, 29, 47)
(174, 30, 46)
(174, 31, 45)
(174, 32, 44)
(174, 33, 43)
(174, 34, 42)

(174, 35, 41)
(174, 36, 40)
(174, 37, 39)
(174, 38, 38)
(174, 39, 37)
(174, 40, 36)
(174, 41, 35)
(174, 42, 34)
(174, 43, 33)
(174, 44, 32)
(174, 45, 31)
(174, 46, 30)
(174, 47, 29)
(174, 48, 28)
(174, 49, 27)
(174, 50, 26)
(174, 51, 25)
(174, 52, 24)
(174, 53, 23)
(174, 54, 22)
(174, 55, 21)
(174, 56, 20)
(174, 57, 19)
(174, 58, 18)
(174, 59, 17)
(174, 60, 16)
(174, 61, 15)
(174, 62, 14)
(174, 63, 13)
(174, 64, 12)
(174, 65, 11)
(174, 66, 10)
(174, 67, 9)
(174, 68, 8)
(174, 69, 7)
(174, 70, 6)
(174, 71, 5)
(174, 72, 4)
(174, 73, 3)
(174, 74, 2)
(174, 75, 1)
(174, 76, 0)
(175, 0, 75)
(175, 1, 74)
(175, 2, 73)
(175, 3, 72)
(175, 4, 71)
(175, 5, 70)

(175, 6, 69)
(175, 7, 68)
(175, 8, 67)
(175, 9, 66)
(175, 10, 65)
(175, 11, 64)
(175, 12, 63)
(175, 13, 62)
(175, 14, 61)
(175, 15, 60)
(175, 16, 59)
(175, 17, 58)
(175, 18, 57)
(175, 19, 56)
(175, 20, 55)
(175, 21, 54)
(175, 22, 53)
(175, 23, 52)
(175, 24, 51)
(175, 25, 50)
(175, 26, 49)
(175, 27, 48)
(175, 28, 47)
(175, 29, 46)
(175, 30, 45)
(175, 31, 44)
(175, 32, 43)
(175, 33, 42)
(175, 34, 41)
(175, 35, 40)
(175, 36, 39)
(175, 37, 38)
(175, 38, 37)
(175, 39, 36)
(175, 40, 35)
(175, 41, 34)
(175, 42, 33)
(175, 43, 32)
(175, 44, 31)
(175, 45, 30)
(175, 46, 29)
(175, 47, 28)
(175, 48, 27)
(175, 49, 26)
(175, 50, 25)
(175, 51, 24)
(175, 52, 23)
(175, 53, 22)

(175, 54, 21)
(175, 55, 20)
(175, 56, 19)
(175, 57, 18)
(175, 58, 17)
(175, 59, 16)
(175, 60, 15)
(175, 61, 14)
(175, 62, 13)
(175, 63, 12)
(175, 64, 11)
(175, 65, 10)
(175, 66, 9)
(175, 67, 8)
(175, 68, 7)
(175, 69, 6)
(175, 70, 5)
(175, 71, 4)
(175, 72, 3)
(175, 73, 2)
(175, 74, 1)
(175, 75, 0)
(176, 0, 74)
(176, 1, 73)
(176, 2, 72)
(176, 3, 71)
(176, 4, 70)
(176, 5, 69)
(176, 6, 68)
(176, 7, 67)
(176, 8, 66)
(176, 9, 65)
(176, 10, 64)
(176, 11, 63)
(176, 12, 62)
(176, 13, 61)
(176, 14, 60)
(176, 15, 59)
(176, 16, 58)
(176, 17, 57)
(176, 18, 56)
(176, 19, 55)
(176, 20, 54)
(176, 21, 53)
(176, 22, 52)
(176, 23, 51)
(176, 24, 50)
(176, 25, 49)

(176, 26, 48)
(176, 27, 47)
(176, 28, 46)
(176, 29, 45)
(176, 30, 44)
(176, 31, 43)
(176, 32, 42)
(176, 33, 41)
(176, 34, 40)
(176, 35, 39)
(176, 36, 38)
(176, 37, 37)
(176, 38, 36)
(176, 39, 35)
(176, 40, 34)
(176, 41, 33)
(176, 42, 32)
(176, 43, 31)
(176, 44, 30)
(176, 45, 29)
(176, 46, 28)
(176, 47, 27)
(176, 48, 26)
(176, 49, 25)
(176, 50, 24)
(176, 51, 23)
(176, 52, 22)
(176, 53, 21)
(176, 54, 20)
(176, 55, 19)
(176, 56, 18)
(176, 57, 17)
(176, 58, 16)
(176, 59, 15)
(176, 60, 14)
(176, 61, 13)
(176, 62, 12)
(176, 63, 11)
(176, 64, 10)
(176, 65, 9)
(176, 66, 8)
(176, 67, 7)
(176, 68, 6)
(176, 69, 5)
(176, 70, 4)
(176, 71, 3)
(176, 72, 2)
(176, 73, 1)

(176, 74, 0)
(177, 0, 73)
(177, 1, 72)
(177, 2, 71)
(177, 3, 70)
(177, 4, 69)
(177, 5, 68)
(177, 6, 67)
(177, 7, 66)
(177, 8, 65)
(177, 9, 64)
(177, 10, 63)
(177, 11, 62)
(177, 12, 61)
(177, 13, 60)
(177, 14, 59)
(177, 15, 58)
(177, 16, 57)
(177, 17, 56)
(177, 18, 55)
(177, 19, 54)
(177, 20, 53)
(177, 21, 52)
(177, 22, 51)
(177, 23, 50)
(177, 24, 49)
(177, 25, 48)
(177, 26, 47)
(177, 27, 46)
(177, 28, 45)
(177, 29, 44)
(177, 30, 43)
(177, 31, 42)
(177, 32, 41)
(177, 33, 40)
(177, 34, 39)
(177, 35, 38)
(177, 36, 37)
(177, 37, 36)
(177, 38, 35)
(177, 39, 34)
(177, 40, 33)
(177, 41, 32)
(177, 42, 31)
(177, 43, 30)
(177, 44, 29)
(177, 45, 28)
(177, 46, 27)

(177, 47, 26)
(177, 48, 25)
(177, 49, 24)
(177, 50, 23)
(177, 51, 22)
(177, 52, 21)
(177, 53, 20)
(177, 54, 19)
(177, 55, 18)
(177, 56, 17)
(177, 57, 16)
(177, 58, 15)
(177, 59, 14)
(177, 60, 13)
(177, 61, 12)
(177, 62, 11)
(177, 63, 10)
(177, 64, 9)
(177, 65, 8)
(177, 66, 7)
(177, 67, 6)
(177, 68, 5)
(177, 69, 4)
(177, 70, 3)
(177, 71, 2)
(177, 72, 1)
(177, 73, 0)
(178, 0, 72)
(178, 1, 71)
(178, 2, 70)
(178, 3, 69)
(178, 4, 68)
(178, 5, 67)
(178, 6, 66)
(178, 7, 65)
(178, 8, 64)
(178, 9, 63)
(178, 10, 62)
(178, 11, 61)
(178, 12, 60)
(178, 13, 59)
(178, 14, 58)
(178, 15, 57)
(178, 16, 56)
(178, 17, 55)
(178, 18, 54)
(178, 19, 53)
(178, 20, 52)

(178, 21, 51)
(178, 22, 50)
(178, 23, 49)
(178, 24, 48)
(178, 25, 47)
(178, 26, 46)
(178, 27, 45)
(178, 28, 44)
(178, 29, 43)
(178, 30, 42)
(178, 31, 41)
(178, 32, 40)
(178, 33, 39)
(178, 34, 38)
(178, 35, 37)
(178, 36, 36)
(178, 37, 35)
(178, 38, 34)
(178, 39, 33)
(178, 40, 32)
(178, 41, 31)
(178, 42, 30)
(178, 43, 29)
(178, 44, 28)
(178, 45, 27)
(178, 46, 26)
(178, 47, 25)
(178, 48, 24)
(178, 49, 23)
(178, 50, 22)
(178, 51, 21)
(178, 52, 20)
(178, 53, 19)
(178, 54, 18)
(178, 55, 17)
(178, 56, 16)
(178, 57, 15)
(178, 58, 14)
(178, 59, 13)
(178, 60, 12)
(178, 61, 11)
(178, 62, 10)
(178, 63, 9)
(178, 64, 8)
(178, 65, 7)
(178, 66, 6)
(178, 67, 5)
(178, 68, 4)

(178, 69, 3)
(178, 70, 2)
(178, 71, 1)
(178, 72, 0)
(179, 0, 71)
(179, 1, 70)
(179, 2, 69)
(179, 3, 68)
(179, 4, 67)
(179, 5, 66)
(179, 6, 65)
(179, 7, 64)
(179, 8, 63)
(179, 9, 62)
(179, 10, 61)
(179, 11, 60)
(179, 12, 59)
(179, 13, 58)
(179, 14, 57)
(179, 15, 56)
(179, 16, 55)
(179, 17, 54)
(179, 18, 53)
(179, 19, 52)
(179, 20, 51)
(179, 21, 50)
(179, 22, 49)
(179, 23, 48)
(179, 24, 47)
(179, 25, 46)
(179, 26, 45)
(179, 27, 44)
(179, 28, 43)
(179, 29, 42)
(179, 30, 41)
(179, 31, 40)
(179, 32, 39)
(179, 33, 38)
(179, 34, 37)
(179, 35, 36)
(179, 36, 35)
(179, 37, 34)
(179, 38, 33)
(179, 39, 32)
(179, 40, 31)
(179, 41, 30)
(179, 42, 29)
(179, 43, 28)

(179, 44, 27)
(179, 45, 26)
(179, 46, 25)
(179, 47, 24)
(179, 48, 23)
(179, 49, 22)
(179, 50, 21)
(179, 51, 20)
(179, 52, 19)
(179, 53, 18)
(179, 54, 17)
(179, 55, 16)
(179, 56, 15)
(179, 57, 14)
(179, 58, 13)
(179, 59, 12)
(179, 60, 11)
(179, 61, 10)
(179, 62, 9)
(179, 63, 8)
(179, 64, 7)
(179, 65, 6)
(179, 66, 5)
(179, 67, 4)
(179, 68, 3)
(179, 69, 2)
(179, 70, 1)
(179, 71, 0)
(180, 0, 70)
(180, 1, 69)
(180, 2, 68)
(180, 3, 67)
(180, 4, 66)
(180, 5, 65)
(180, 6, 64)
(180, 7, 63)
(180, 8, 62)
(180, 9, 61)
(180, 10, 60)
(180, 11, 59)
(180, 12, 58)
(180, 13, 57)
(180, 14, 56)
(180, 15, 55)
(180, 16, 54)
(180, 17, 53)
(180, 18, 52)
(180, 19, 51)

(180, 20, 50)
(180, 21, 49)
(180, 22, 48)
(180, 23, 47)
(180, 24, 46)
(180, 25, 45)
(180, 26, 44)
(180, 27, 43)
(180, 28, 42)
(180, 29, 41)
(180, 30, 40)
(180, 31, 39)
(180, 32, 38)
(180, 33, 37)
(180, 34, 36)
(180, 35, 35)
(180, 36, 34)
(180, 37, 33)
(180, 38, 32)
(180, 39, 31)
(180, 40, 30)
(180, 41, 29)
(180, 42, 28)
(180, 43, 27)
(180, 44, 26)
(180, 45, 25)
(180, 46, 24)
(180, 47, 23)
(180, 48, 22)
(180, 49, 21)
(180, 50, 20)
(180, 51, 19)
(180, 52, 18)
(180, 53, 17)
(180, 54, 16)
(180, 55, 15)
(180, 56, 14)
(180, 57, 13)
(180, 58, 12)
(180, 59, 11)
(180, 60, 10)
(180, 61, 9)
(180, 62, 8)
(180, 63, 7)
(180, 64, 6)
(180, 65, 5)
(180, 66, 4)
(180, 67, 3)

(180, 68, 2)
(180, 69, 1)
(180, 70, 0)
(181, 0, 69)
(181, 1, 68)
(181, 2, 67)
(181, 3, 66)
(181, 4, 65)
(181, 5, 64)
(181, 6, 63)
(181, 7, 62)
(181, 8, 61)
(181, 9, 60)
(181, 10, 59)
(181, 11, 58)
(181, 12, 57)
(181, 13, 56)
(181, 14, 55)
(181, 15, 54)
(181, 16, 53)
(181, 17, 52)
(181, 18, 51)
(181, 19, 50)
(181, 20, 49)
(181, 21, 48)
(181, 22, 47)
(181, 23, 46)
(181, 24, 45)
(181, 25, 44)
(181, 26, 43)
(181, 27, 42)
(181, 28, 41)
(181, 29, 40)
(181, 30, 39)
(181, 31, 38)
(181, 32, 37)
(181, 33, 36)
(181, 34, 35)
(181, 35, 34)
(181, 36, 33)
(181, 37, 32)
(181, 38, 31)
(181, 39, 30)
(181, 40, 29)
(181, 41, 28)
(181, 42, 27)
(181, 43, 26)
(181, 44, 25)

(181, 45, 24)
(181, 46, 23)
(181, 47, 22)
(181, 48, 21)
(181, 49, 20)
(181, 50, 19)
(181, 51, 18)
(181, 52, 17)
(181, 53, 16)
(181, 54, 15)
(181, 55, 14)
(181, 56, 13)
(181, 57, 12)
(181, 58, 11)
(181, 59, 10)
(181, 60, 9)
(181, 61, 8)
(181, 62, 7)
(181, 63, 6)
(181, 64, 5)
(181, 65, 4)
(181, 66, 3)
(181, 67, 2)
(181, 68, 1)
(181, 69, 0)
(182, 0, 68)
(182, 1, 67)
(182, 2, 66)
(182, 3, 65)
(182, 4, 64)
(182, 5, 63)
(182, 6, 62)
(182, 7, 61)
(182, 8, 60)
(182, 9, 59)
(182, 10, 58)
(182, 11, 57)
(182, 12, 56)
(182, 13, 55)
(182, 14, 54)
(182, 15, 53)
(182, 16, 52)
(182, 17, 51)
(182, 18, 50)
(182, 19, 49)
(182, 20, 48)
(182, 21, 47)
(182, 22, 46)

(182, 23, 45)
(182, 24, 44)
(182, 25, 43)
(182, 26, 42)
(182, 27, 41)
(182, 28, 40)
(182, 29, 39)
(182, 30, 38)
(182, 31, 37)
(182, 32, 36)
(182, 33, 35)
(182, 34, 34)
(182, 35, 33)
(182, 36, 32)
(182, 37, 31)
(182, 38, 30)
(182, 39, 29)
(182, 40, 28)
(182, 41, 27)
(182, 42, 26)
(182, 43, 25)
(182, 44, 24)
(182, 45, 23)
(182, 46, 22)
(182, 47, 21)
(182, 48, 20)
(182, 49, 19)
(182, 50, 18)
(182, 51, 17)
(182, 52, 16)
(182, 53, 15)
(182, 54, 14)
(182, 55, 13)
(182, 56, 12)
(182, 57, 11)
(182, 58, 10)
(182, 59, 9)
(182, 60, 8)
(182, 61, 7)
(182, 62, 6)
(182, 63, 5)
(182, 64, 4)
(182, 65, 3)
(182, 66, 2)
(182, 67, 1)
(182, 68, 0)
(183, 0, 67)
(183, 1, 66)

(183, 2, 65)
(183, 3, 64)
(183, 4, 63)
(183, 5, 62)
(183, 6, 61)
(183, 7, 60)
(183, 8, 59)
(183, 9, 58)
(183, 10, 57)
(183, 11, 56)
(183, 12, 55)
(183, 13, 54)
(183, 14, 53)
(183, 15, 52)
(183, 16, 51)
(183, 17, 50)
(183, 18, 49)
(183, 19, 48)
(183, 20, 47)
(183, 21, 46)
(183, 22, 45)
(183, 23, 44)
(183, 24, 43)
(183, 25, 42)
(183, 26, 41)
(183, 27, 40)
(183, 28, 39)
(183, 29, 38)
(183, 30, 37)
(183, 31, 36)
(183, 32, 35)
(183, 33, 34)
(183, 34, 33)
(183, 35, 32)
(183, 36, 31)
(183, 37, 30)
(183, 38, 29)
(183, 39, 28)
(183, 40, 27)
(183, 41, 26)
(183, 42, 25)
(183, 43, 24)
(183, 44, 23)
(183, 45, 22)
(183, 46, 21)
(183, 47, 20)
(183, 48, 19)
(183, 49, 18)

(183, 50, 17)
(183, 51, 16)
(183, 52, 15)
(183, 53, 14)
(183, 54, 13)
(183, 55, 12)
(183, 56, 11)
(183, 57, 10)
(183, 58, 9)
(183, 59, 8)
(183, 60, 7)
(183, 61, 6)
(183, 62, 5)
(183, 63, 4)
(183, 64, 3)
(183, 65, 2)
(183, 66, 1)
(183, 67, 0)
(184, 0, 66)
(184, 1, 65)
(184, 2, 64)
(184, 3, 63)
(184, 4, 62)
(184, 5, 61)
(184, 6, 60)
(184, 7, 59)
(184, 8, 58)
(184, 9, 57)
(184, 10, 56)
(184, 11, 55)
(184, 12, 54)
(184, 13, 53)
(184, 14, 52)
(184, 15, 51)
(184, 16, 50)
(184, 17, 49)
(184, 18, 48)
(184, 19, 47)
(184, 20, 46)
(184, 21, 45)
(184, 22, 44)
(184, 23, 43)
(184, 24, 42)
(184, 25, 41)
(184, 26, 40)
(184, 27, 39)
(184, 28, 38)
(184, 29, 37)

(184, 30, 36)
(184, 31, 35)
(184, 32, 34)
(184, 33, 33)
(184, 34, 32)
(184, 35, 31)
(184, 36, 30)
(184, 37, 29)
(184, 38, 28)
(184, 39, 27)
(184, 40, 26)
(184, 41, 25)
(184, 42, 24)
(184, 43, 23)
(184, 44, 22)
(184, 45, 21)
(184, 46, 20)
(184, 47, 19)
(184, 48, 18)
(184, 49, 17)
(184, 50, 16)
(184, 51, 15)
(184, 52, 14)
(184, 53, 13)
(184, 54, 12)
(184, 55, 11)
(184, 56, 10)
(184, 57, 9)
(184, 58, 8)
(184, 59, 7)
(184, 60, 6)
(184, 61, 5)
(184, 62, 4)
(184, 63, 3)
(184, 64, 2)
(184, 65, 1)
(184, 66, 0)
(185, 0, 65)
(185, 1, 64)
(185, 2, 63)
(185, 3, 62)
(185, 4, 61)
(185, 5, 60)
(185, 6, 59)
(185, 7, 58)
(185, 8, 57)
(185, 9, 56)
(185, 10, 55)

(185, 11, 54)
(185, 12, 53)
(185, 13, 52)
(185, 14, 51)
(185, 15, 50)
(185, 16, 49)
(185, 17, 48)
(185, 18, 47)
(185, 19, 46)
(185, 20, 45)
(185, 21, 44)
(185, 22, 43)
(185, 23, 42)
(185, 24, 41)
(185, 25, 40)
(185, 26, 39)
(185, 27, 38)
(185, 28, 37)
(185, 29, 36)
(185, 30, 35)
(185, 31, 34)
(185, 32, 33)
(185, 33, 32)
(185, 34, 31)
(185, 35, 30)
(185, 36, 29)
(185, 37, 28)
(185, 38, 27)
(185, 39, 26)
(185, 40, 25)
(185, 41, 24)
(185, 42, 23)
(185, 43, 22)
(185, 44, 21)
(185, 45, 20)
(185, 46, 19)
(185, 47, 18)
(185, 48, 17)
(185, 49, 16)
(185, 50, 15)
(185, 51, 14)
(185, 52, 13)
(185, 53, 12)
(185, 54, 11)
(185, 55, 10)
(185, 56, 9)
(185, 57, 8)
(185, 58, 7)

(185, 59, 6)
(185, 60, 5)
(185, 61, 4)
(185, 62, 3)
(185, 63, 2)
(185, 64, 1)
(185, 65, 0)
(186, 0, 64)
(186, 1, 63)
(186, 2, 62)
(186, 3, 61)
(186, 4, 60)
(186, 5, 59)
(186, 6, 58)
(186, 7, 57)
(186, 8, 56)
(186, 9, 55)
(186, 10, 54)
(186, 11, 53)
(186, 12, 52)
(186, 13, 51)
(186, 14, 50)
(186, 15, 49)
(186, 16, 48)
(186, 17, 47)
(186, 18, 46)
(186, 19, 45)
(186, 20, 44)
(186, 21, 43)
(186, 22, 42)
(186, 23, 41)
(186, 24, 40)
(186, 25, 39)
(186, 26, 38)
(186, 27, 37)
(186, 28, 36)
(186, 29, 35)
(186, 30, 34)
(186, 31, 33)
(186, 32, 32)
(186, 33, 31)
(186, 34, 30)
(186, 35, 29)
(186, 36, 28)
(186, 37, 27)
(186, 38, 26)
(186, 39, 25)
(186, 40, 24)

(186, 41, 23)
(186, 42, 22)
(186, 43, 21)
(186, 44, 20)
(186, 45, 19)
(186, 46, 18)
(186, 47, 17)
(186, 48, 16)
(186, 49, 15)
(186, 50, 14)
(186, 51, 13)
(186, 52, 12)
(186, 53, 11)
(186, 54, 10)
(186, 55, 9)
(186, 56, 8)
(186, 57, 7)
(186, 58, 6)
(186, 59, 5)
(186, 60, 4)
(186, 61, 3)
(186, 62, 2)
(186, 63, 1)
(186, 64, 0)
(187, 0, 63)
(187, 1, 62)
(187, 2, 61)
(187, 3, 60)
(187, 4, 59)
(187, 5, 58)
(187, 6, 57)
(187, 7, 56)
(187, 8, 55)
(187, 9, 54)
(187, 10, 53)
(187, 11, 52)
(187, 12, 51)
(187, 13, 50)
(187, 14, 49)
(187, 15, 48)
(187, 16, 47)
(187, 17, 46)
(187, 18, 45)
(187, 19, 44)
(187, 20, 43)
(187, 21, 42)
(187, 22, 41)
(187, 23, 40)

(187, 24, 39)
(187, 25, 38)
(187, 26, 37)
(187, 27, 36)
(187, 28, 35)
(187, 29, 34)
(187, 30, 33)
(187, 31, 32)
(187, 32, 31)
(187, 33, 30)
(187, 34, 29)
(187, 35, 28)
(187, 36, 27)
(187, 37, 26)
(187, 38, 25)
(187, 39, 24)
(187, 40, 23)
(187, 41, 22)
(187, 42, 21)
(187, 43, 20)
(187, 44, 19)
(187, 45, 18)
(187, 46, 17)
(187, 47, 16)
(187, 48, 15)
(187, 49, 14)
(187, 50, 13)
(187, 51, 12)
(187, 52, 11)
(187, 53, 10)
(187, 54, 9)
(187, 55, 8)
(187, 56, 7)
(187, 57, 6)
(187, 58, 5)
(187, 59, 4)
(187, 60, 3)
(187, 61, 2)
(187, 62, 1)
(187, 63, 0)
(188, 0, 62)
(188, 1, 61)
(188, 2, 60)
(188, 3, 59)
(188, 4, 58)
(188, 5, 57)
(188, 6, 56)
(188, 7, 55)

(188, 8, 54)
(188, 9, 53)
(188, 10, 52)
(188, 11, 51)
(188, 12, 50)
(188, 13, 49)
(188, 14, 48)
(188, 15, 47)
(188, 16, 46)
(188, 17, 45)
(188, 18, 44)
(188, 19, 43)
(188, 20, 42)
(188, 21, 41)
(188, 22, 40)
(188, 23, 39)
(188, 24, 38)
(188, 25, 37)
(188, 26, 36)
(188, 27, 35)
(188, 28, 34)
(188, 29, 33)
(188, 30, 32)
(188, 31, 31)
(188, 32, 30)
(188, 33, 29)
(188, 34, 28)
(188, 35, 27)
(188, 36, 26)
(188, 37, 25)
(188, 38, 24)
(188, 39, 23)
(188, 40, 22)
(188, 41, 21)
(188, 42, 20)
(188, 43, 19)
(188, 44, 18)
(188, 45, 17)
(188, 46, 16)
(188, 47, 15)
(188, 48, 14)
(188, 49, 13)
(188, 50, 12)
(188, 51, 11)
(188, 52, 10)
(188, 53, 9)
(188, 54, 8)
(188, 55, 7)

(188, 56, 6)
(188, 57, 5)
(188, 58, 4)
(188, 59, 3)
(188, 60, 2)
(188, 61, 1)
(188, 62, 0)
(189, 0, 61)
(189, 1, 60)
(189, 2, 59)
(189, 3, 58)
(189, 4, 57)
(189, 5, 56)
(189, 6, 55)
(189, 7, 54)
(189, 8, 53)
(189, 9, 52)
(189, 10, 51)
(189, 11, 50)
(189, 12, 49)
(189, 13, 48)
(189, 14, 47)
(189, 15, 46)
(189, 16, 45)
(189, 17, 44)
(189, 18, 43)
(189, 19, 42)
(189, 20, 41)
(189, 21, 40)
(189, 22, 39)
(189, 23, 38)
(189, 24, 37)
(189, 25, 36)
(189, 26, 35)
(189, 27, 34)
(189, 28, 33)
(189, 29, 32)
(189, 30, 31)
(189, 31, 30)
(189, 32, 29)
(189, 33, 28)
(189, 34, 27)
(189, 35, 26)
(189, 36, 25)
(189, 37, 24)
(189, 38, 23)
(189, 39, 22)
(189, 40, 21)

(189, 41, 20)
(189, 42, 19)
(189, 43, 18)
(189, 44, 17)
(189, 45, 16)
(189, 46, 15)
(189, 47, 14)
(189, 48, 13)
(189, 49, 12)
(189, 50, 11)
(189, 51, 10)
(189, 52, 9)
(189, 53, 8)
(189, 54, 7)
(189, 55, 6)
(189, 56, 5)
(189, 57, 4)
(189, 58, 3)
(189, 59, 2)
(189, 60, 1)
(189, 61, 0)
(190, 0, 60)
(190, 1, 59)
(190, 2, 58)
(190, 3, 57)
(190, 4, 56)
(190, 5, 55)
(190, 6, 54)
(190, 7, 53)
(190, 8, 52)
(190, 9, 51)
(190, 10, 50)
(190, 11, 49)
(190, 12, 48)
(190, 13, 47)
(190, 14, 46)
(190, 15, 45)
(190, 16, 44)
(190, 17, 43)
(190, 18, 42)
(190, 19, 41)
(190, 20, 40)
(190, 21, 39)
(190, 22, 38)
(190, 23, 37)
(190, 24, 36)
(190, 25, 35)
(190, 26, 34)

(190, 27, 33)
(190, 28, 32)
(190, 29, 31)
(190, 30, 30)
(190, 31, 29)
(190, 32, 28)
(190, 33, 27)
(190, 34, 26)
(190, 35, 25)
(190, 36, 24)
(190, 37, 23)
(190, 38, 22)
(190, 39, 21)
(190, 40, 20)
(190, 41, 19)
(190, 42, 18)
(190, 43, 17)
(190, 44, 16)
(190, 45, 15)
(190, 46, 14)
(190, 47, 13)
(190, 48, 12)
(190, 49, 11)
(190, 50, 10)
(190, 51, 9)
(190, 52, 8)
(190, 53, 7)
(190, 54, 6)
(190, 55, 5)
(190, 56, 4)
(190, 57, 3)
(190, 58, 2)
(190, 59, 1)
(190, 60, 0)
(191, 0, 59)
(191, 1, 58)
(191, 2, 57)
(191, 3, 56)
(191, 4, 55)
(191, 5, 54)
(191, 6, 53)
(191, 7, 52)
(191, 8, 51)
(191, 9, 50)
(191, 10, 49)
(191, 11, 48)
(191, 12, 47)
(191, 13, 46)

(191, 14, 45)
(191, 15, 44)
(191, 16, 43)
(191, 17, 42)
(191, 18, 41)
(191, 19, 40)
(191, 20, 39)
(191, 21, 38)
(191, 22, 37)
(191, 23, 36)
(191, 24, 35)
(191, 25, 34)
(191, 26, 33)
(191, 27, 32)
(191, 28, 31)
(191, 29, 30)
(191, 30, 29)
(191, 31, 28)
(191, 32, 27)
(191, 33, 26)
(191, 34, 25)
(191, 35, 24)
(191, 36, 23)
(191, 37, 22)
(191, 38, 21)
(191, 39, 20)
(191, 40, 19)
(191, 41, 18)
(191, 42, 17)
(191, 43, 16)
(191, 44, 15)
(191, 45, 14)
(191, 46, 13)
(191, 47, 12)
(191, 48, 11)
(191, 49, 10)
(191, 50, 9)
(191, 51, 8)
(191, 52, 7)
(191, 53, 6)
(191, 54, 5)
(191, 55, 4)
(191, 56, 3)
(191, 57, 2)
(191, 58, 1)
(191, 59, 0)
(192, 0, 58)
(192, 1, 57)

(192, 2, 56)
(192, 3, 55)
(192, 4, 54)
(192, 5, 53)
(192, 6, 52)
(192, 7, 51)
(192, 8, 50)
(192, 9, 49)
(192, 10, 48)
(192, 11, 47)
(192, 12, 46)
(192, 13, 45)
(192, 14, 44)
(192, 15, 43)
(192, 16, 42)
(192, 17, 41)
(192, 18, 40)
(192, 19, 39)
(192, 20, 38)
(192, 21, 37)
(192, 22, 36)
(192, 23, 35)
(192, 24, 34)
(192, 25, 33)
(192, 26, 32)
(192, 27, 31)
(192, 28, 30)
(192, 29, 29)
(192, 30, 28)
(192, 31, 27)
(192, 32, 26)
(192, 33, 25)
(192, 34, 24)
(192, 35, 23)
(192, 36, 22)
(192, 37, 21)
(192, 38, 20)
(192, 39, 19)
(192, 40, 18)
(192, 41, 17)
(192, 42, 16)
(192, 43, 15)
(192, 44, 14)
(192, 45, 13)
(192, 46, 12)
(192, 47, 11)
(192, 48, 10)
(192, 49, 9)

(192, 50, 8)
(192, 51, 7)
(192, 52, 6)
(192, 53, 5)
(192, 54, 4)
(192, 55, 3)
(192, 56, 2)
(192, 57, 1)
(192, 58, 0)
(193, 0, 57)
(193, 1, 56)
(193, 2, 55)
(193, 3, 54)
(193, 4, 53)
(193, 5, 52)
(193, 6, 51)
(193, 7, 50)
(193, 8, 49)
(193, 9, 48)
(193, 10, 47)
(193, 11, 46)
(193, 12, 45)
(193, 13, 44)
(193, 14, 43)
(193, 15, 42)
(193, 16, 41)
(193, 17, 40)
(193, 18, 39)
(193, 19, 38)
(193, 20, 37)
(193, 21, 36)
(193, 22, 35)
(193, 23, 34)
(193, 24, 33)
(193, 25, 32)
(193, 26, 31)
(193, 27, 30)
(193, 28, 29)
(193, 29, 28)
(193, 30, 27)
(193, 31, 26)
(193, 32, 25)
(193, 33, 24)
(193, 34, 23)
(193, 35, 22)
(193, 36, 21)
(193, 37, 20)
(193, 38, 19)

(193, 39, 18)
(193, 40, 17)
(193, 41, 16)
(193, 42, 15)
(193, 43, 14)
(193, 44, 13)
(193, 45, 12)
(193, 46, 11)
(193, 47, 10)
(193, 48, 9)
(193, 49, 8)
(193, 50, 7)
(193, 51, 6)
(193, 52, 5)
(193, 53, 4)
(193, 54, 3)
(193, 55, 2)
(193, 56, 1)
(193, 57, 0)
(194, 0, 56)
(194, 1, 55)
(194, 2, 54)
(194, 3, 53)
(194, 4, 52)
(194, 5, 51)
(194, 6, 50)
(194, 7, 49)
(194, 8, 48)
(194, 9, 47)
(194, 10, 46)
(194, 11, 45)
(194, 12, 44)
(194, 13, 43)
(194, 14, 42)
(194, 15, 41)
(194, 16, 40)
(194, 17, 39)
(194, 18, 38)
(194, 19, 37)
(194, 20, 36)
(194, 21, 35)
(194, 22, 34)
(194, 23, 33)
(194, 24, 32)
(194, 25, 31)
(194, 26, 30)
(194, 27, 29)
(194, 28, 28)

(194, 29, 27)
(194, 30, 26)
(194, 31, 25)
(194, 32, 24)
(194, 33, 23)
(194, 34, 22)
(194, 35, 21)
(194, 36, 20)
(194, 37, 19)
(194, 38, 18)
(194, 39, 17)
(194, 40, 16)
(194, 41, 15)
(194, 42, 14)
(194, 43, 13)
(194, 44, 12)
(194, 45, 11)
(194, 46, 10)
(194, 47, 9)
(194, 48, 8)
(194, 49, 7)
(194, 50, 6)
(194, 51, 5)
(194, 52, 4)
(194, 53, 3)
(194, 54, 2)
(194, 55, 1)
(194, 56, 0)
(195, 0, 55)
(195, 1, 54)
(195, 2, 53)
(195, 3, 52)
(195, 4, 51)
(195, 5, 50)
(195, 6, 49)
(195, 7, 48)
(195, 8, 47)
(195, 9, 46)
(195, 10, 45)
(195, 11, 44)
(195, 12, 43)
(195, 13, 42)
(195, 14, 41)
(195, 15, 40)
(195, 16, 39)
(195, 17, 38)
(195, 18, 37)
(195, 19, 36)

(195, 20, 35)
(195, 21, 34)
(195, 22, 33)
(195, 23, 32)
(195, 24, 31)
(195, 25, 30)
(195, 26, 29)
(195, 27, 28)
(195, 28, 27)
(195, 29, 26)
(195, 30, 25)
(195, 31, 24)
(195, 32, 23)
(195, 33, 22)
(195, 34, 21)
(195, 35, 20)
(195, 36, 19)
(195, 37, 18)
(195, 38, 17)
(195, 39, 16)
(195, 40, 15)
(195, 41, 14)
(195, 42, 13)
(195, 43, 12)
(195, 44, 11)
(195, 45, 10)
(195, 46, 9)
(195, 47, 8)
(195, 48, 7)
(195, 49, 6)
(195, 50, 5)
(195, 51, 4)
(195, 52, 3)
(195, 53, 2)
(195, 54, 1)
(195, 55, 0)
(196, 0, 54)
(196, 1, 53)
(196, 2, 52)
(196, 3, 51)
(196, 4, 50)
(196, 5, 49)
(196, 6, 48)
(196, 7, 47)
(196, 8, 46)
(196, 9, 45)
(196, 10, 44)
(196, 11, 43)

(196, 12, 42)
(196, 13, 41)
(196, 14, 40)
(196, 15, 39)
(196, 16, 38)
(196, 17, 37)
(196, 18, 36)
(196, 19, 35)
(196, 20, 34)
(196, 21, 33)
(196, 22, 32)
(196, 23, 31)
(196, 24, 30)
(196, 25, 29)
(196, 26, 28)
(196, 27, 27)
(196, 28, 26)
(196, 29, 25)
(196, 30, 24)
(196, 31, 23)
(196, 32, 22)
(196, 33, 21)
(196, 34, 20)
(196, 35, 19)
(196, 36, 18)
(196, 37, 17)
(196, 38, 16)
(196, 39, 15)
(196, 40, 14)
(196, 41, 13)
(196, 42, 12)
(196, 43, 11)
(196, 44, 10)
(196, 45, 9)
(196, 46, 8)
(196, 47, 7)
(196, 48, 6)
(196, 49, 5)
(196, 50, 4)
(196, 51, 3)
(196, 52, 2)
(196, 53, 1)
(196, 54, 0)
(197, 0, 53)
(197, 1, 52)
(197, 2, 51)
(197, 3, 50)
(197, 4, 49)

(197, 5, 48)
(197, 6, 47)
(197, 7, 46)
(197, 8, 45)
(197, 9, 44)
(197, 10, 43)
(197, 11, 42)
(197, 12, 41)
(197, 13, 40)
(197, 14, 39)
(197, 15, 38)
(197, 16, 37)
(197, 17, 36)
(197, 18, 35)
(197, 19, 34)
(197, 20, 33)
(197, 21, 32)
(197, 22, 31)
(197, 23, 30)
(197, 24, 29)
(197, 25, 28)
(197, 26, 27)
(197, 27, 26)
(197, 28, 25)
(197, 29, 24)
(197, 30, 23)
(197, 31, 22)
(197, 32, 21)
(197, 33, 20)
(197, 34, 19)
(197, 35, 18)
(197, 36, 17)
(197, 37, 16)
(197, 38, 15)
(197, 39, 14)
(197, 40, 13)
(197, 41, 12)
(197, 42, 11)
(197, 43, 10)
(197, 44, 9)
(197, 45, 8)
(197, 46, 7)
(197, 47, 6)
(197, 48, 5)
(197, 49, 4)
(197, 50, 3)
(197, 51, 2)
(197, 52, 1)

(197, 53, 0)
(198, 0, 52)
(198, 1, 51)
(198, 2, 50)
(198, 3, 49)
(198, 4, 48)
(198, 5, 47)
(198, 6, 46)
(198, 7, 45)
(198, 8, 44)
(198, 9, 43)
(198, 10, 42)
(198, 11, 41)
(198, 12, 40)
(198, 13, 39)
(198, 14, 38)
(198, 15, 37)
(198, 16, 36)
(198, 17, 35)
(198, 18, 34)
(198, 19, 33)
(198, 20, 32)
(198, 21, 31)
(198, 22, 30)
(198, 23, 29)
(198, 24, 28)
(198, 25, 27)
(198, 26, 26)
(198, 27, 25)
(198, 28, 24)
(198, 29, 23)
(198, 30, 22)
(198, 31, 21)
(198, 32, 20)
(198, 33, 19)
(198, 34, 18)
(198, 35, 17)
(198, 36, 16)
(198, 37, 15)
(198, 38, 14)
(198, 39, 13)
(198, 40, 12)
(198, 41, 11)
(198, 42, 10)
(198, 43, 9)
(198, 44, 8)
(198, 45, 7)
(198, 46, 6)

(198, 47, 5)
(198, 48, 4)
(198, 49, 3)
(198, 50, 2)
(198, 51, 1)
(198, 52, 0)
(199, 0, 51)
(199, 1, 50)
(199, 2, 49)
(199, 3, 48)
(199, 4, 47)
(199, 5, 46)
(199, 6, 45)
(199, 7, 44)
(199, 8, 43)
(199, 9, 42)
(199, 10, 41)
(199, 11, 40)
(199, 12, 39)
(199, 13, 38)
(199, 14, 37)
(199, 15, 36)
(199, 16, 35)
(199, 17, 34)
(199, 18, 33)
(199, 19, 32)
(199, 20, 31)
(199, 21, 30)
(199, 22, 29)
(199, 23, 28)
(199, 24, 27)
(199, 25, 26)
(199, 26, 25)
(199, 27, 24)
(199, 28, 23)
(199, 29, 22)
(199, 30, 21)
(199, 31, 20)
(199, 32, 19)
(199, 33, 18)
(199, 34, 17)
(199, 35, 16)
(199, 36, 15)
(199, 37, 14)
(199, 38, 13)
(199, 39, 12)
(199, 40, 11)
(199, 41, 10)

(199, 42, 9)
(199, 43, 8)
(199, 44, 7)
(199, 45, 6)
(199, 46, 5)
(199, 47, 4)
(199, 48, 3)
(199, 49, 2)
(199, 50, 1)
(199, 51, 0)
(200, 0, 50)
(200, 1, 49)
(200, 2, 48)
(200, 3, 47)
(200, 4, 46)
(200, 5, 45)
(200, 6, 44)
(200, 7, 43)
(200, 8, 42)
(200, 9, 41)
(200, 10, 40)
(200, 11, 39)
(200, 12, 38)
(200, 13, 37)
(200, 14, 36)
(200, 15, 35)
(200, 16, 34)
(200, 17, 33)
(200, 18, 32)
(200, 19, 31)
(200, 20, 30)
(200, 21, 29)
(200, 22, 28)
(200, 23, 27)
(200, 24, 26)
(200, 25, 25)
(200, 26, 24)
(200, 27, 23)
(200, 28, 22)
(200, 29, 21)
(200, 30, 20)
(200, 31, 19)
(200, 32, 18)
(200, 33, 17)
(200, 34, 16)
(200, 35, 15)
(200, 36, 14)
(200, 37, 13)

(200, 38, 12)
(200, 39, 11)
(200, 40, 10)
(200, 41, 9)
(200, 42, 8)
(200, 43, 7)
(200, 44, 6)
(200, 45, 5)
(200, 46, 4)
(200, 47, 3)
(200, 48, 2)
(200, 49, 1)
(200, 50, 0)
(201, 0, 49)
(201, 1, 48)
(201, 2, 47)
(201, 3, 46)
(201, 4, 45)
(201, 5, 44)
(201, 6, 43)
(201, 7, 42)
(201, 8, 41)
(201, 9, 40)
(201, 10, 39)
(201, 11, 38)
(201, 12, 37)
(201, 13, 36)
(201, 14, 35)
(201, 15, 34)
(201, 16, 33)
(201, 17, 32)
(201, 18, 31)
(201, 19, 30)
(201, 20, 29)
(201, 21, 28)
(201, 22, 27)
(201, 23, 26)
(201, 24, 25)
(201, 25, 24)
(201, 26, 23)
(201, 27, 22)
(201, 28, 21)
(201, 29, 20)
(201, 30, 19)
(201, 31, 18)
(201, 32, 17)
(201, 33, 16)
(201, 34, 15)

(201, 35, 14)
(201, 36, 13)
(201, 37, 12)
(201, 38, 11)
(201, 39, 10)
(201, 40, 9)
(201, 41, 8)
(201, 42, 7)
(201, 43, 6)
(201, 44, 5)
(201, 45, 4)
(201, 46, 3)
(201, 47, 2)
(201, 48, 1)
(201, 49, 0)
(202, 0, 48)
(202, 1, 47)
(202, 2, 46)
(202, 3, 45)
(202, 4, 44)
(202, 5, 43)
(202, 6, 42)
(202, 7, 41)
(202, 8, 40)
(202, 9, 39)
(202, 10, 38)
(202, 11, 37)
(202, 12, 36)
(202, 13, 35)
(202, 14, 34)
(202, 15, 33)
(202, 16, 32)
(202, 17, 31)
(202, 18, 30)
(202, 19, 29)
(202, 20, 28)
(202, 21, 27)
(202, 22, 26)
(202, 23, 25)
(202, 24, 24)
(202, 25, 23)
(202, 26, 22)
(202, 27, 21)
(202, 28, 20)
(202, 29, 19)
(202, 30, 18)
(202, 31, 17)
(202, 32, 16)

(202, 33, 15)
(202, 34, 14)
(202, 35, 13)
(202, 36, 12)
(202, 37, 11)
(202, 38, 10)
(202, 39, 9)
(202, 40, 8)
(202, 41, 7)
(202, 42, 6)
(202, 43, 5)
(202, 44, 4)
(202, 45, 3)
(202, 46, 2)
(202, 47, 1)
(202, 48, 0)
(203, 0, 47)
(203, 1, 46)
(203, 2, 45)
(203, 3, 44)
(203, 4, 43)
(203, 5, 42)
(203, 6, 41)
(203, 7, 40)
(203, 8, 39)
(203, 9, 38)
(203, 10, 37)
(203, 11, 36)
(203, 12, 35)
(203, 13, 34)
(203, 14, 33)
(203, 15, 32)
(203, 16, 31)
(203, 17, 30)
(203, 18, 29)
(203, 19, 28)
(203, 20, 27)
(203, 21, 26)
(203, 22, 25)
(203, 23, 24)
(203, 24, 23)
(203, 25, 22)
(203, 26, 21)
(203, 27, 20)
(203, 28, 19)
(203, 29, 18)
(203, 30, 17)
(203, 31, 16)

(203, 32, 15)
(203, 33, 14)
(203, 34, 13)
(203, 35, 12)
(203, 36, 11)
(203, 37, 10)
(203, 38, 9)
(203, 39, 8)
(203, 40, 7)
(203, 41, 6)
(203, 42, 5)
(203, 43, 4)
(203, 44, 3)
(203, 45, 2)
(203, 46, 1)
(203, 47, 0)
(204, 0, 46)
(204, 1, 45)
(204, 2, 44)
(204, 3, 43)
(204, 4, 42)
(204, 5, 41)
(204, 6, 40)
(204, 7, 39)
(204, 8, 38)
(204, 9, 37)
(204, 10, 36)
(204, 11, 35)
(204, 12, 34)
(204, 13, 33)
(204, 14, 32)
(204, 15, 31)
(204, 16, 30)
(204, 17, 29)
(204, 18, 28)
(204, 19, 27)
(204, 20, 26)
(204, 21, 25)
(204, 22, 24)
(204, 23, 23)
(204, 24, 22)
(204, 25, 21)
(204, 26, 20)
(204, 27, 19)
(204, 28, 18)
(204, 29, 17)
(204, 30, 16)
(204, 31, 15)

(204, 32, 14)
(204, 33, 13)
(204, 34, 12)
(204, 35, 11)
(204, 36, 10)
(204, 37, 9)
(204, 38, 8)
(204, 39, 7)
(204, 40, 6)
(204, 41, 5)
(204, 42, 4)
(204, 43, 3)
(204, 44, 2)
(204, 45, 1)
(204, 46, 0)
(205, 0, 45)
(205, 1, 44)
(205, 2, 43)
(205, 3, 42)
(205, 4, 41)
(205, 5, 40)
(205, 6, 39)
(205, 7, 38)
(205, 8, 37)
(205, 9, 36)
(205, 10, 35)
(205, 11, 34)
(205, 12, 33)
(205, 13, 32)
(205, 14, 31)
(205, 15, 30)
(205, 16, 29)
(205, 17, 28)
(205, 18, 27)
(205, 19, 26)
(205, 20, 25)
(205, 21, 24)
(205, 22, 23)
(205, 23, 22)
(205, 24, 21)
(205, 25, 20)
(205, 26, 19)
(205, 27, 18)
(205, 28, 17)
(205, 29, 16)
(205, 30, 15)
(205, 31, 14)
(205, 32, 13)

(205, 33, 12)
(205, 34, 11)
(205, 35, 10)
(205, 36, 9)
(205, 37, 8)
(205, 38, 7)
(205, 39, 6)
(205, 40, 5)
(205, 41, 4)
(205, 42, 3)
(205, 43, 2)
(205, 44, 1)
(205, 45, 0)
(206, 0, 44)
(206, 1, 43)
(206, 2, 42)
(206, 3, 41)
(206, 4, 40)
(206, 5, 39)
(206, 6, 38)
(206, 7, 37)
(206, 8, 36)
(206, 9, 35)
(206, 10, 34)
(206, 11, 33)
(206, 12, 32)
(206, 13, 31)
(206, 14, 30)
(206, 15, 29)
(206, 16, 28)
(206, 17, 27)
(206, 18, 26)
(206, 19, 25)
(206, 20, 24)
(206, 21, 23)
(206, 22, 22)
(206, 23, 21)
(206, 24, 20)
(206, 25, 19)
(206, 26, 18)
(206, 27, 17)
(206, 28, 16)
(206, 29, 15)
(206, 30, 14)
(206, 31, 13)
(206, 32, 12)
(206, 33, 11)
(206, 34, 10)

(206, 35, 9)
(206, 36, 8)
(206, 37, 7)
(206, 38, 6)
(206, 39, 5)
(206, 40, 4)
(206, 41, 3)
(206, 42, 2)
(206, 43, 1)
(206, 44, 0)
(207, 0, 43)
(207, 1, 42)
(207, 2, 41)
(207, 3, 40)
(207, 4, 39)
(207, 5, 38)
(207, 6, 37)
(207, 7, 36)
(207, 8, 35)
(207, 9, 34)
(207, 10, 33)
(207, 11, 32)
(207, 12, 31)
(207, 13, 30)
(207, 14, 29)
(207, 15, 28)
(207, 16, 27)
(207, 17, 26)
(207, 18, 25)
(207, 19, 24)
(207, 20, 23)
(207, 21, 22)
(207, 22, 21)
(207, 23, 20)
(207, 24, 19)
(207, 25, 18)
(207, 26, 17)
(207, 27, 16)
(207, 28, 15)
(207, 29, 14)
(207, 30, 13)
(207, 31, 12)
(207, 32, 11)
(207, 33, 10)
(207, 34, 9)
(207, 35, 8)
(207, 36, 7)
(207, 37, 6)

(207, 38, 5)
(207, 39, 4)
(207, 40, 3)
(207, 41, 2)
(207, 42, 1)
(207, 43, 0)
(208, 0, 42)
(208, 1, 41)
(208, 2, 40)
(208, 3, 39)
(208, 4, 38)
(208, 5, 37)
(208, 6, 36)
(208, 7, 35)
(208, 8, 34)
(208, 9, 33)
(208, 10, 32)
(208, 11, 31)
(208, 12, 30)
(208, 13, 29)
(208, 14, 28)
(208, 15, 27)
(208, 16, 26)
(208, 17, 25)
(208, 18, 24)
(208, 19, 23)
(208, 20, 22)
(208, 21, 21)
(208, 22, 20)
(208, 23, 19)
(208, 24, 18)
(208, 25, 17)
(208, 26, 16)
(208, 27, 15)
(208, 28, 14)
(208, 29, 13)
(208, 30, 12)
(208, 31, 11)
(208, 32, 10)
(208, 33, 9)
(208, 34, 8)
(208, 35, 7)
(208, 36, 6)
(208, 37, 5)
(208, 38, 4)
(208, 39, 3)
(208, 40, 2)
(208, 41, 1)

(208, 42, 0)
(209, 0, 41)
(209, 1, 40)
(209, 2, 39)
(209, 3, 38)
(209, 4, 37)
(209, 5, 36)
(209, 6, 35)
(209, 7, 34)
(209, 8, 33)
(209, 9, 32)
(209, 10, 31)
(209, 11, 30)
(209, 12, 29)
(209, 13, 28)
(209, 14, 27)
(209, 15, 26)
(209, 16, 25)
(209, 17, 24)
(209, 18, 23)
(209, 19, 22)
(209, 20, 21)
(209, 21, 20)
(209, 22, 19)
(209, 23, 18)
(209, 24, 17)
(209, 25, 16)
(209, 26, 15)
(209, 27, 14)
(209, 28, 13)
(209, 29, 12)
(209, 30, 11)
(209, 31, 10)
(209, 32, 9)
(209, 33, 8)
(209, 34, 7)
(209, 35, 6)
(209, 36, 5)
(209, 37, 4)
(209, 38, 3)
(209, 39, 2)
(209, 40, 1)
(209, 41, 0)
(210, 0, 40)
(210, 1, 39)
(210, 2, 38)
(210, 3, 37)
(210, 4, 36)

(210, 5, 35)
(210, 6, 34)
(210, 7, 33)
(210, 8, 32)
(210, 9, 31)
(210, 10, 30)
(210, 11, 29)
(210, 12, 28)
(210, 13, 27)
(210, 14, 26)
(210, 15, 25)
(210, 16, 24)
(210, 17, 23)
(210, 18, 22)
(210, 19, 21)
(210, 20, 20)
(210, 21, 19)
(210, 22, 18)
(210, 23, 17)
(210, 24, 16)
(210, 25, 15)
(210, 26, 14)
(210, 27, 13)
(210, 28, 12)
(210, 29, 11)
(210, 30, 10)
(210, 31, 9)
(210, 32, 8)
(210, 33, 7)
(210, 34, 6)
(210, 35, 5)
(210, 36, 4)
(210, 37, 3)
(210, 38, 2)
(210, 39, 1)
(210, 40, 0)
(211, 0, 39)
(211, 1, 38)
(211, 2, 37)
(211, 3, 36)
(211, 4, 35)
(211, 5, 34)
(211, 6, 33)
(211, 7, 32)
(211, 8, 31)
(211, 9, 30)
(211, 10, 29)
(211, 11, 28)

(211, 12, 27)
(211, 13, 26)
(211, 14, 25)
(211, 15, 24)
(211, 16, 23)
(211, 17, 22)
(211, 18, 21)
(211, 19, 20)
(211, 20, 19)
(211, 21, 18)
(211, 22, 17)
(211, 23, 16)
(211, 24, 15)
(211, 25, 14)
(211, 26, 13)
(211, 27, 12)
(211, 28, 11)
(211, 29, 10)
(211, 30, 9)
(211, 31, 8)
(211, 32, 7)
(211, 33, 6)
(211, 34, 5)
(211, 35, 4)
(211, 36, 3)
(211, 37, 2)
(211, 38, 1)
(211, 39, 0)
(212, 0, 38)
(212, 1, 37)
(212, 2, 36)
(212, 3, 35)
(212, 4, 34)
(212, 5, 33)
(212, 6, 32)
(212, 7, 31)
(212, 8, 30)
(212, 9, 29)
(212, 10, 28)
(212, 11, 27)
(212, 12, 26)
(212, 13, 25)
(212, 14, 24)
(212, 15, 23)
(212, 16, 22)
(212, 17, 21)
(212, 18, 20)
(212, 19, 19)

(212, 20, 18)
(212, 21, 17)
(212, 22, 16)
(212, 23, 15)
(212, 24, 14)
(212, 25, 13)
(212, 26, 12)
(212, 27, 11)
(212, 28, 10)
(212, 29, 9)
(212, 30, 8)
(212, 31, 7)
(212, 32, 6)
(212, 33, 5)
(212, 34, 4)
(212, 35, 3)
(212, 36, 2)
(212, 37, 1)
(212, 38, 0)
(213, 0, 37)
(213, 1, 36)
(213, 2, 35)
(213, 3, 34)
(213, 4, 33)
(213, 5, 32)
(213, 6, 31)
(213, 7, 30)
(213, 8, 29)
(213, 9, 28)
(213, 10, 27)
(213, 11, 26)
(213, 12, 25)
(213, 13, 24)
(213, 14, 23)
(213, 15, 22)
(213, 16, 21)
(213, 17, 20)
(213, 18, 19)
(213, 19, 18)
(213, 20, 17)
(213, 21, 16)
(213, 22, 15)
(213, 23, 14)
(213, 24, 13)
(213, 25, 12)
(213, 26, 11)
(213, 27, 10)
(213, 28, 9)

(213, 29, 8)
(213, 30, 7)
(213, 31, 6)
(213, 32, 5)
(213, 33, 4)
(213, 34, 3)
(213, 35, 2)
(213, 36, 1)
(213, 37, 0)
(214, 0, 36)
(214, 1, 35)
(214, 2, 34)
(214, 3, 33)
(214, 4, 32)
(214, 5, 31)
(214, 6, 30)
(214, 7, 29)
(214, 8, 28)
(214, 9, 27)
(214, 10, 26)
(214, 11, 25)
(214, 12, 24)
(214, 13, 23)
(214, 14, 22)
(214, 15, 21)
(214, 16, 20)
(214, 17, 19)
(214, 18, 18)
(214, 19, 17)
(214, 20, 16)
(214, 21, 15)
(214, 22, 14)
(214, 23, 13)
(214, 24, 12)
(214, 25, 11)
(214, 26, 10)
(214, 27, 9)
(214, 28, 8)
(214, 29, 7)
(214, 30, 6)
(214, 31, 5)
(214, 32, 4)
(214, 33, 3)
(214, 34, 2)
(214, 35, 1)
(214, 36, 0)
(215, 0, 35)
(215, 1, 34)

(215, 2, 33)
(215, 3, 32)
(215, 4, 31)
(215, 5, 30)
(215, 6, 29)
(215, 7, 28)
(215, 8, 27)
(215, 9, 26)
(215, 10, 25)
(215, 11, 24)
(215, 12, 23)
(215, 13, 22)
(215, 14, 21)
(215, 15, 20)
(215, 16, 19)
(215, 17, 18)
(215, 18, 17)
(215, 19, 16)
(215, 20, 15)
(215, 21, 14)
(215, 22, 13)
(215, 23, 12)
(215, 24, 11)
(215, 25, 10)
(215, 26, 9)
(215, 27, 8)
(215, 28, 7)
(215, 29, 6)
(215, 30, 5)
(215, 31, 4)
(215, 32, 3)
(215, 33, 2)
(215, 34, 1)
(215, 35, 0)
(216, 0, 34)
(216, 1, 33)
(216, 2, 32)
(216, 3, 31)
(216, 4, 30)
(216, 5, 29)
(216, 6, 28)
(216, 7, 27)
(216, 8, 26)
(216, 9, 25)
(216, 10, 24)
(216, 11, 23)
(216, 12, 22)
(216, 13, 21)

(216, 14, 20)
(216, 15, 19)
(216, 16, 18)
(216, 17, 17)
(216, 18, 16)
(216, 19, 15)
(216, 20, 14)
(216, 21, 13)
(216, 22, 12)
(216, 23, 11)
(216, 24, 10)
(216, 25, 9)
(216, 26, 8)
(216, 27, 7)
(216, 28, 6)
(216, 29, 5)
(216, 30, 4)
(216, 31, 3)
(216, 32, 2)
(216, 33, 1)
(216, 34, 0)
(217, 0, 33)
(217, 1, 32)
(217, 2, 31)
(217, 3, 30)
(217, 4, 29)
(217, 5, 28)
(217, 6, 27)
(217, 7, 26)
(217, 8, 25)
(217, 9, 24)
(217, 10, 23)
(217, 11, 22)
(217, 12, 21)
(217, 13, 20)
(217, 14, 19)
(217, 15, 18)
(217, 16, 17)
(217, 17, 16)
(217, 18, 15)
(217, 19, 14)
(217, 20, 13)
(217, 21, 12)
(217, 22, 11)
(217, 23, 10)
(217, 24, 9)
(217, 25, 8)
(217, 26, 7)

(217, 27, 6)
(217, 28, 5)
(217, 29, 4)
(217, 30, 3)
(217, 31, 2)
(217, 32, 1)
(217, 33, 0)
(218, 0, 32)
(218, 1, 31)
(218, 2, 30)
(218, 3, 29)
(218, 4, 28)
(218, 5, 27)
(218, 6, 26)
(218, 7, 25)
(218, 8, 24)
(218, 9, 23)
(218, 10, 22)
(218, 11, 21)
(218, 12, 20)
(218, 13, 19)
(218, 14, 18)
(218, 15, 17)
(218, 16, 16)
(218, 17, 15)
(218, 18, 14)
(218, 19, 13)
(218, 20, 12)
(218, 21, 11)
(218, 22, 10)
(218, 23, 9)
(218, 24, 8)
(218, 25, 7)
(218, 26, 6)
(218, 27, 5)
(218, 28, 4)
(218, 29, 3)
(218, 30, 2)
(218, 31, 1)
(218, 32, 0)
(219, 0, 31)
(219, 1, 30)
(219, 2, 29)
(219, 3, 28)
(219, 4, 27)
(219, 5, 26)
(219, 6, 25)
(219, 7, 24)

(219, 8, 23)
(219, 9, 22)
(219, 10, 21)
(219, 11, 20)
(219, 12, 19)
(219, 13, 18)
(219, 14, 17)
(219, 15, 16)
(219, 16, 15)
(219, 17, 14)
(219, 18, 13)
(219, 19, 12)
(219, 20, 11)
(219, 21, 10)
(219, 22, 9)
(219, 23, 8)
(219, 24, 7)
(219, 25, 6)
(219, 26, 5)
(219, 27, 4)
(219, 28, 3)
(219, 29, 2)
(219, 30, 1)
(219, 31, 0)
(220, 0, 30)
(220, 1, 29)
(220, 2, 28)
(220, 3, 27)
(220, 4, 26)
(220, 5, 25)
(220, 6, 24)
(220, 7, 23)
(220, 8, 22)
(220, 9, 21)
(220, 10, 20)
(220, 11, 19)
(220, 12, 18)
(220, 13, 17)
(220, 14, 16)
(220, 15, 15)
(220, 16, 14)
(220, 17, 13)
(220, 18, 12)
(220, 19, 11)
(220, 20, 10)
(220, 21, 9)
(220, 22, 8)
(220, 23, 7)

(220, 24, 6)
(220, 25, 5)
(220, 26, 4)
(220, 27, 3)
(220, 28, 2)
(220, 29, 1)
(220, 30, 0)
(221, 0, 29)
(221, 1, 28)
(221, 2, 27)
(221, 3, 26)
(221, 4, 25)
(221, 5, 24)
(221, 6, 23)
(221, 7, 22)
(221, 8, 21)
(221, 9, 20)
(221, 10, 19)
(221, 11, 18)
(221, 12, 17)
(221, 13, 16)
(221, 14, 15)
(221, 15, 14)
(221, 16, 13)
(221, 17, 12)
(221, 18, 11)
(221, 19, 10)
(221, 20, 9)
(221, 21, 8)
(221, 22, 7)
(221, 23, 6)
(221, 24, 5)
(221, 25, 4)
(221, 26, 3)
(221, 27, 2)
(221, 28, 1)
(221, 29, 0)
(222, 0, 28)
(222, 1, 27)
(222, 2, 26)
(222, 3, 25)
(222, 4, 24)
(222, 5, 23)
(222, 6, 22)
(222, 7, 21)
(222, 8, 20)
(222, 9, 19)
(222, 10, 18)

(222, 11, 17)
(222, 12, 16)
(222, 13, 15)
(222, 14, 14)
(222, 15, 13)
(222, 16, 12)
(222, 17, 11)
(222, 18, 10)
(222, 19, 9)
(222, 20, 8)
(222, 21, 7)
(222, 22, 6)
(222, 23, 5)
(222, 24, 4)
(222, 25, 3)
(222, 26, 2)
(222, 27, 1)
(222, 28, 0)
(223, 0, 27)
(223, 1, 26)
(223, 2, 25)
(223, 3, 24)
(223, 4, 23)
(223, 5, 22)
(223, 6, 21)
(223, 7, 20)
(223, 8, 19)
(223, 9, 18)
(223, 10, 17)
(223, 11, 16)
(223, 12, 15)
(223, 13, 14)
(223, 14, 13)
(223, 15, 12)
(223, 16, 11)
(223, 17, 10)
(223, 18, 9)
(223, 19, 8)
(223, 20, 7)
(223, 21, 6)
(223, 22, 5)
(223, 23, 4)
(223, 24, 3)
(223, 25, 2)
(223, 26, 1)
(223, 27, 0)
(224, 0, 26)
(224, 1, 25)

(224, 2, 24)
(224, 3, 23)
(224, 4, 22)
(224, 5, 21)
(224, 6, 20)
(224, 7, 19)
(224, 8, 18)
(224, 9, 17)
(224, 10, 16)
(224, 11, 15)
(224, 12, 14)
(224, 13, 13)
(224, 14, 12)
(224, 15, 11)
(224, 16, 10)
(224, 17, 9)
(224, 18, 8)
(224, 19, 7)
(224, 20, 6)
(224, 21, 5)
(224, 22, 4)
(224, 23, 3)
(224, 24, 2)
(224, 25, 1)
(224, 26, 0)
(225, 0, 25)
(225, 1, 24)
(225, 2, 23)
(225, 3, 22)
(225, 4, 21)
(225, 5, 20)
(225, 6, 19)
(225, 7, 18)
(225, 8, 17)
(225, 9, 16)
(225, 10, 15)
(225, 11, 14)
(225, 12, 13)
(225, 13, 12)
(225, 14, 11)
(225, 15, 10)
(225, 16, 9)
(225, 17, 8)
(225, 18, 7)
(225, 19, 6)
(225, 20, 5)
(225, 21, 4)
(225, 22, 3)

(225, 23, 2)
(225, 24, 1)
(225, 25, 0)
(226, 0, 24)
(226, 1, 23)
(226, 2, 22)
(226, 3, 21)
(226, 4, 20)
(226, 5, 19)
(226, 6, 18)
(226, 7, 17)
(226, 8, 16)
(226, 9, 15)
(226, 10, 14)
(226, 11, 13)
(226, 12, 12)
(226, 13, 11)
(226, 14, 10)
(226, 15, 9)
(226, 16, 8)
(226, 17, 7)
(226, 18, 6)
(226, 19, 5)
(226, 20, 4)
(226, 21, 3)
(226, 22, 2)
(226, 23, 1)
(226, 24, 0)
(227, 0, 23)
(227, 1, 22)
(227, 2, 21)
(227, 3, 20)
(227, 4, 19)
(227, 5, 18)
(227, 6, 17)
(227, 7, 16)
(227, 8, 15)
(227, 9, 14)
(227, 10, 13)
(227, 11, 12)
(227, 12, 11)
(227, 13, 10)
(227, 14, 9)
(227, 15, 8)
(227, 16, 7)
(227, 17, 6)
(227, 18, 5)
(227, 19, 4)

(227, 20, 3)
(227, 21, 2)
(227, 22, 1)
(227, 23, 0)
(228, 0, 22)
(228, 1, 21)
(228, 2, 20)
(228, 3, 19)
(228, 4, 18)
(228, 5, 17)
(228, 6, 16)
(228, 7, 15)
(228, 8, 14)
(228, 9, 13)
(228, 10, 12)
(228, 11, 11)
(228, 12, 10)
(228, 13, 9)
(228, 14, 8)
(228, 15, 7)
(228, 16, 6)
(228, 17, 5)
(228, 18, 4)
(228, 19, 3)
(228, 20, 2)
(228, 21, 1)
(228, 22, 0)
(229, 0, 21)
(229, 1, 20)
(229, 2, 19)
(229, 3, 18)
(229, 4, 17)
(229, 5, 16)
(229, 6, 15)
(229, 7, 14)
(229, 8, 13)
(229, 9, 12)
(229, 10, 11)
(229, 11, 10)
(229, 12, 9)
(229, 13, 8)
(229, 14, 7)
(229, 15, 6)
(229, 16, 5)
(229, 17, 4)
(229, 18, 3)
(229, 19, 2)
(229, 20, 1)

(229, 21, 0)
(230, 0, 20)
(230, 1, 19)
(230, 2, 18)
(230, 3, 17)
(230, 4, 16)
(230, 5, 15)
(230, 6, 14)
(230, 7, 13)
(230, 8, 12)
(230, 9, 11)
(230, 10, 10)
(230, 11, 9)
(230, 12, 8)
(230, 13, 7)
(230, 14, 6)
(230, 15, 5)
(230, 16, 4)
(230, 17, 3)
(230, 18, 2)
(230, 19, 1)
(230, 20, 0)
(231, 0, 19)
(231, 1, 18)
(231, 2, 17)
(231, 3, 16)
(231, 4, 15)
(231, 5, 14)
(231, 6, 13)
(231, 7, 12)
(231, 8, 11)
(231, 9, 10)
(231, 10, 9)
(231, 11, 8)
(231, 12, 7)
(231, 13, 6)
(231, 14, 5)
(231, 15, 4)
(231, 16, 3)
(231, 17, 2)
(231, 18, 1)
(231, 19, 0)
(232, 0, 18)
(232, 1, 17)
(232, 2, 16)
(232, 3, 15)
(232, 4, 14)
(232, 5, 13)

(232, 6, 12)
(232, 7, 11)
(232, 8, 10)
(232, 9, 9)
(232, 10, 8)
(232, 11, 7)
(232, 12, 6)
(232, 13, 5)
(232, 14, 4)
(232, 15, 3)
(232, 16, 2)
(232, 17, 1)
(232, 18, 0)
(233, 0, 17)
(233, 1, 16)
(233, 2, 15)
(233, 3, 14)
(233, 4, 13)
(233, 5, 12)
(233, 6, 11)
(233, 7, 10)
(233, 8, 9)
(233, 9, 8)
(233, 10, 7)
(233, 11, 6)
(233, 12, 5)
(233, 13, 4)
(233, 14, 3)
(233, 15, 2)
(233, 16, 1)
(233, 17, 0)
(234, 0, 16)
(234, 1, 15)
(234, 2, 14)
(234, 3, 13)
(234, 4, 12)
(234, 5, 11)
(234, 6, 10)
(234, 7, 9)
(234, 8, 8)
(234, 9, 7)
(234, 10, 6)
(234, 11, 5)
(234, 12, 4)
(234, 13, 3)
(234, 14, 2)
(234, 15, 1)
(234, 16, 0)

(235, 0, 15)
(235, 1, 14)
(235, 2, 13)
(235, 3, 12)
(235, 4, 11)
(235, 5, 10)
(235, 6, 9)
(235, 7, 8)
(235, 8, 7)
(235, 9, 6)
(235, 10, 5)
(235, 11, 4)
(235, 12, 3)
(235, 13, 2)
(235, 14, 1)
(235, 15, 0)
(236, 0, 14)
(236, 1, 13)
(236, 2, 12)
(236, 3, 11)
(236, 4, 10)
(236, 5, 9)
(236, 6, 8)
(236, 7, 7)
(236, 8, 6)
(236, 9, 5)
(236, 10, 4)
(236, 11, 3)
(236, 12, 2)
(236, 13, 1)
(236, 14, 0)
(237, 0, 13)
(237, 1, 12)
(237, 2, 11)
(237, 3, 10)
(237, 4, 9)
(237, 5, 8)
(237, 6, 7)
(237, 7, 6)
(237, 8, 5)
(237, 9, 4)
(237, 10, 3)
(237, 11, 2)
(237, 12, 1)
(237, 13, 0)
(238, 0, 12)
(238, 1, 11)
(238, 2, 10)

(238, 3, 9)
(238, 4, 8)
(238, 5, 7)
(238, 6, 6)
(238, 7, 5)
(238, 8, 4)
(238, 9, 3)
(238, 10, 2)
(238, 11, 1)
(238, 12, 0)
(239, 0, 11)
(239, 1, 10)
(239, 2, 9)
(239, 3, 8)
(239, 4, 7)
(239, 5, 6)
(239, 6, 5)
(239, 7, 4)
(239, 8, 3)
(239, 9, 2)
(239, 10, 1)
(239, 11, 0)
(240, 0, 10)
(240, 1, 9)
(240, 2, 8)
(240, 3, 7)
(240, 4, 6)
(240, 5, 5)
(240, 6, 4)
(240, 7, 3)
(240, 8, 2)
(240, 9, 1)
(240, 10, 0)
(241, 0, 9)
(241, 1, 8)
(241, 2, 7)
(241, 3, 6)
(241, 4, 5)
(241, 5, 4)
(241, 6, 3)
(241, 7, 2)
(241, 8, 1)
(241, 9, 0)
(242, 0, 8)
(242, 1, 7)
(242, 2, 6)
(242, 3, 5)
(242, 4, 4)

(242, 5, 3)
(242, 6, 2)
(242, 7, 1)
(242, 8, 0)
(243, 0, 7)
(243, 1, 6)
(243, 2, 5)
(243, 3, 4)
(243, 4, 3)
(243, 5, 2)
(243, 6, 1)
(243, 7, 0)
(244, 0, 6)
(244, 1, 5)
(244, 2, 4)
(244, 3, 3)
(244, 4, 2)
(244, 5, 1)
(244, 6, 0)
(245, 0, 5)
(245, 1, 4)
(245, 2, 3)
(245, 3, 2)
(245, 4, 1)
(245, 5, 0)
(246, 0, 4)
(246, 1, 3)
(246, 2, 2)
(246, 3, 1)
(246, 4, 0)
(247, 0, 3)
(247, 1, 2)
(247, 2, 1)
(247, 3, 0)
(248, 0, 2)
(248, 1, 1)
(248, 2, 0)
(249, 0, 1)
(249, 1, 0)

```
[29]: def volume(c): return c[0] * c[1] * c[2]
max((c for c in cuboids()
     if c[0] + c[1] + c[2] == top), # another generator comprehension
     key=volume)
```

[29]: (83, 83, 84)