【Review article】

Goldbach's conjecture

Toshiro Takami
Mmm82889@yahoo.co.jp

【Abstract】

I did proof of Goldbach conjecture.
Even numbers are supplemented with prime numbers and prime numbers.
We found that even numbers and prime numbers have regularity.
How to keep this hexagon rotate no matter how big it is.
No exception was found.

【Discussion】

(Even numbers greater than 2 are all sums of two prime numbers)

4=2+2
6=3+3
8=(6n-1)+3、　　n=1

10=(6n-1)+(6n-1)、 n=1
12=(6n-1)+(6n+1)、 n=1
14=(6n+1)+(6n+1)、n=1

16=(6n-1)+(6n-1)、 n=1,2
18=(6n-1)+(6n+1)、 n=1,2
20=(6n+1)+(6n+1)、n=1,2

22=(6n-1)+(6n-1)、 n=2,2
24=(6n-1)+(6n+1)、 n=2,2
26=(6n+1)+(6n+1)、n=2,2

28=(6n-1)+(6n-1)、 n=2,3
30=(6n-1)+(6n+1)、 n=2,3
32=(6n+1)+(6n+1)、n=2,3

34=(6n-1)+(6n-1)、 n=3,3
36=(6n-1)+(6n+1)、 n=3,3
38=(6n+1)+(6n+1)、n=3,3

40=(6n-1)+(6n-1)、 n=3,4
42=(6n-1)+(6n+1)、 n=3,4
44=(6n+1)+(6n+1)、n=3,4

46=(6n-1)+(6n-1)、 n=4,4
48=(6n-1)+(6n+1)、 n=4,4
50=(6n+1)+(6n+1)、n=4,4

52=(6n-1)+(6n-1)、 n=4,5
54=(6n-1)+(6n+1)、 n=4,5
56=(6n+1)+(6n+1)、n=4,5

58=(6n-1)+(6n-1)、 n=5,5
60=(6n-1)+(6n+1)、 n=5,5
62=(6n+1)+(6n+1)、n=5,5

64=(6n-1)+(6n-1)、 n=5,6
66=(6n-1)+(6n+1)、 n=5,6
68=(6n+1)+(6n+1)、n=5,6

70=(6n-1)+(6n-1)、 n=6,6
72=(6n-1)+(6n+1)、 n=6,6
74=(6n+1)+(6n+1)、n=6,6

76=(6n-1)+(6n-1)、 n=6,7

78=(6n-1)+(6n+1)、 n=6,7
80=(6n+1)+(6n+1)、n=6,7

82=(6n-1)+(6n-1)、 n=7,7
84=(6n-1)+(6n+1)、 n=7,7
86=(6n+1)+(6n+1)、n=7,7

88=(6n-1)+(6n-1)、 n=7,8
90=(6n-1)+(6n+1)、 n=7,8
92=(6n+1)+(6n+1)、n=7,8

94=(6n-1)+(6n-1)、 n=8,8
96=(6n-1)+(6n+1)、 n=8,8
98=(6n+1)+(6n+1)、n=8,8

100=(6n-1)+(6n-1)、 n=8,9
102=(6n-1)+(6n+1)、 n=8,9
104=(6n+1)+(6n+1)、n=8,9

106=(6n-1)+(6n-1)、 n=9,9
108=(6n-1)+(6n+1)、 n=9,9
110=(6n+1)+(6n+1)、n=9,9

112=(6n-1)+(6n-1)、 n=9,10
114=(6n-1)+(6n+1)、 n=9,10
116=(6n+1)+(6n+1)、n=9,10

118=(6n-1)+(6n-1)、 n=10,10
120=(6n-1)+(6n+1)、 n=10,10
122=(6n+1)+(6n+1)、n=10,10

124=(6n-1)+(6n-1)、 n=10,11
126=(6n-1)+(6n+1)、 n=10,11
128=(6n+1)+(6n+1)、n=10,11

130=(6n-1)+(6n-1)、 n=11,11
132=(6n-1)+(6n+1)、 n=11,11
134=(6n+1)+(6n+1)、n=11,11

136=(6n-1)+(6n-1)、 n=11,12
138=(6n-1)+(6n+1)、 n=11,12
140=(6n+1)+(6n+1)、n=11,12

142=(6n-1)+(6n-1)、 n=12,12
144=(6n-1)+(6n+1)、 n=12,12
146=(6n+1)+(6n+1)、n=12,12

148=(6n-1)+(6n-1)、 n=12,13
150=(6n-1)+(6n+1)、 n=12,13
152=(6n+1)+(6n+1)、n=12,13

154=(6n-1)+(6n-1)、 n=13,13
156=(6n-1)+(6n+1)、 n=13,13
158=(6n+1)+(6n+1)、n=13,13

160=(6n-1)+(6n-1)、 n=13,14
162=(6n-1)+(6n+1)、 n=13,14
164=(6n+1)+(6n+1)、n=13,14

166=(6n-1)+(6n-1)、 n=14,14
168=(6n-1)+(6n+1)、 n=14,14
170=(6n+1)+(6n+1)、n=14,14

172=(6n-1)+(6n-1)、 n=14,15
174=(6n-1)+(6n+1)、 n=14,15
176=(6n+1)+(6n+1)、n=14,15

178=(6n-1)+(6n-1)、 n=15,15
180=(6n-1)+(6n+1)、 n=15,15
182=(6n+1)+(6n+1)、n=15,15

184=(6n-1)+(6n-1)、 n=15,16
186=(6n-1)+(6n+1)、 n=15,16
188=(6n+1)+(6n+1)、n=15,16

190=(6n-1)+(6n-1)、 n=16,16

192=(6n-1)+(6n+1)、 n=16,16
194=(6n+1)+(6n+1)、n=16,16

196=(6n-1)+(6n-1)、 n=16,17
198=(6n-1)+(6n+1)、 n=16,17
200=(6n+1)+(6n+1)、n=16,17

202=(6n-1)+(6n-1)、 n=17,17
204=(6n-1)+(6n+1)、 n=17,17
206=(6n+1)+(6n+1)、n=17,17

208=(6n-1)+(6n-1)、 n=17,18
210=(6n-1)+(6n+1)、 n=17,18
212=(6n+1)+(6n+1)、n=17,18

214=(6n-1)+(6n-1)、 n=18,18
216=(6n-1)+(6n+1)、 n=18,18
218=(6n+1)+(6n+1)、n=18,18

220=(6n-1)+(6n-1)、 n=18,19
222=(6n-1)+(6n+1)、 n=18,19
224=(6n+1)+(6n+1)、n=18,19
…..
…..
…..

prime numbers are (6n-1) or (6n+1). Except 2 and 3. (n is positive integer).
The following is a prime number.

2--------
3--------
5--------6n-1 (Twin prime)
7--------6n+1

11-------6n-1 (Twin prime)
13--------6n+1

17--------6n-1 (Twin prime)

19--------6n+1

23--------6n-1

29--------6n-1 (Twin prime)
31--------6n+1

37--------6n+1

41--------6n-1 (Twin prime)
43--------6n+1

47--------6n-1
53--------6n-1
59--------6n-1

61--------6n+1
67--------6n+1

71--------6n-1 (Twin prime)
73--------6n+1

79--------6n+1
83--------6n-1

89--------6n-1
97--------6n+1

101--------6n-1 (Twin prime)
103--------6n+1

107--------6n-1 (Twin prime)
109--------6n+1

113--------6n-1
127--------6n+1
131--------6n-1

137--------6n-1 (Twin prime)
139--------6n+1

149--------6n-1 (Twin prime)
151--------6n+1

157--------6n+1
163--------6n+1
167--------6n-1
173--------6n-1

179--------6n-1 (Twin prime)
181--------6n+1

191--------6n-1
193--------6n+1

197--------6n-1 (Twin prime)
199--------6n+1

211--------6n+1
223--------6n+1

227--------6n-1 (Twin prime)
229--------6n+1

233--------6n-1

239--------6n-1 (Twin prime)
241--------6n+1

251--------6n-1
257--------6n-1
263--------6n-1

269--------6n-1 (Twin prime)
271--------6n+1

277--------6n+1

281--------6n-1 (Twin prime)
283--------6n+1

293--------6n+1
307--------6n+1

311--------6n-1 (Twin prime)
313--------6n+1

317--------6n-1
331--------6n+1
337--------6n+1

347--------6n-1 (Twin prime)
349--------6n+1

353--------6n-1
359--------6n-1
367--------6n+1
373--------6n-1
379--------6n+1
383--------6n-1
389--------6n-1
397--------6n+1
401--------6n-1
409--------6n+1

419--------6n-1 (Twin prime)
421--------6n+1

431--------6n-1 (Twin prime)
433--------6n+1

439--------6n+1
443--------6n-1
449--------6n-1

457--------6n+1

461--------6n-1 (Twin prime)
463--------6n+1

467--------6n-1
479--------6n-1
487--------6n+1
491--------6n-1
499--------6n+1
503--------6n-1
509--------6n-1

521--------6n-1 (Twin prime)
523--------6n+1

541--------6n+1
547--------6n+1
557--------6n-1
563--------6n-1

569--------6n-1 (Twin prime)
571--------6n+1

577--------6n+1
587--------6n-1
593--------6n-1

599--------6n-1 (Twin prime)
601--------6n+1

607--------6n+1
613--------6n+1

617--------6n-1 (Twin prime)
619--------6n+1

631--------6n+1

641--------6n-1 (Twin prime)
643--------6n+1

647--------6n-1
653--------6n-1

659--------6n-1 (Twin prime)
661--------6n+1

673--------6n+1
677--------6n-1
683--------6n+1
691--------6n+1
701--------6n-1
709--------6n+1
719--------6n-1
727--------6n+1
733--------6n+1
739--------6n+1
743--------6n-1
751--------6n+1
757--------6n+1
761--------6n-1
769--------6n+1
773--------6n-1
787--------6n+1
797--------6n-1

809--------6n-1 (Twin prime)
811--------6n+1

821--------6n-1 (Twin prime)
823--------6n+1

827--------6n-1 (Twin prime)
829--------6n+1

839--------6n-1
853--------6n+1

857--------6n-1 (Twin prime)
859--------6n+1

863--------6n-1
877--------6n+1

881--------6n-1 (Twin prime)
883--------6n+1

887--------6n-1
907--------6n+1
911--------6n-1
919--------6n+1
929--------6n-1
937--------6n+1
941--------6n-1
947--------6n-1
953--------6n-1
967--------6n-1
971--------6n-1
977--------6n-1
983--------6n-1
991--------6n+1
997--------6n+1
1009--------6n-1
1013--------6n+1

1019--------6n+1 (Twin prime)
1021--------6n+1

1031--------6n-1 (Twin prime)
1033--------6n+1

1039--------6n+1

1049--------6n-1 (Twin prime)
1051--------6n-1

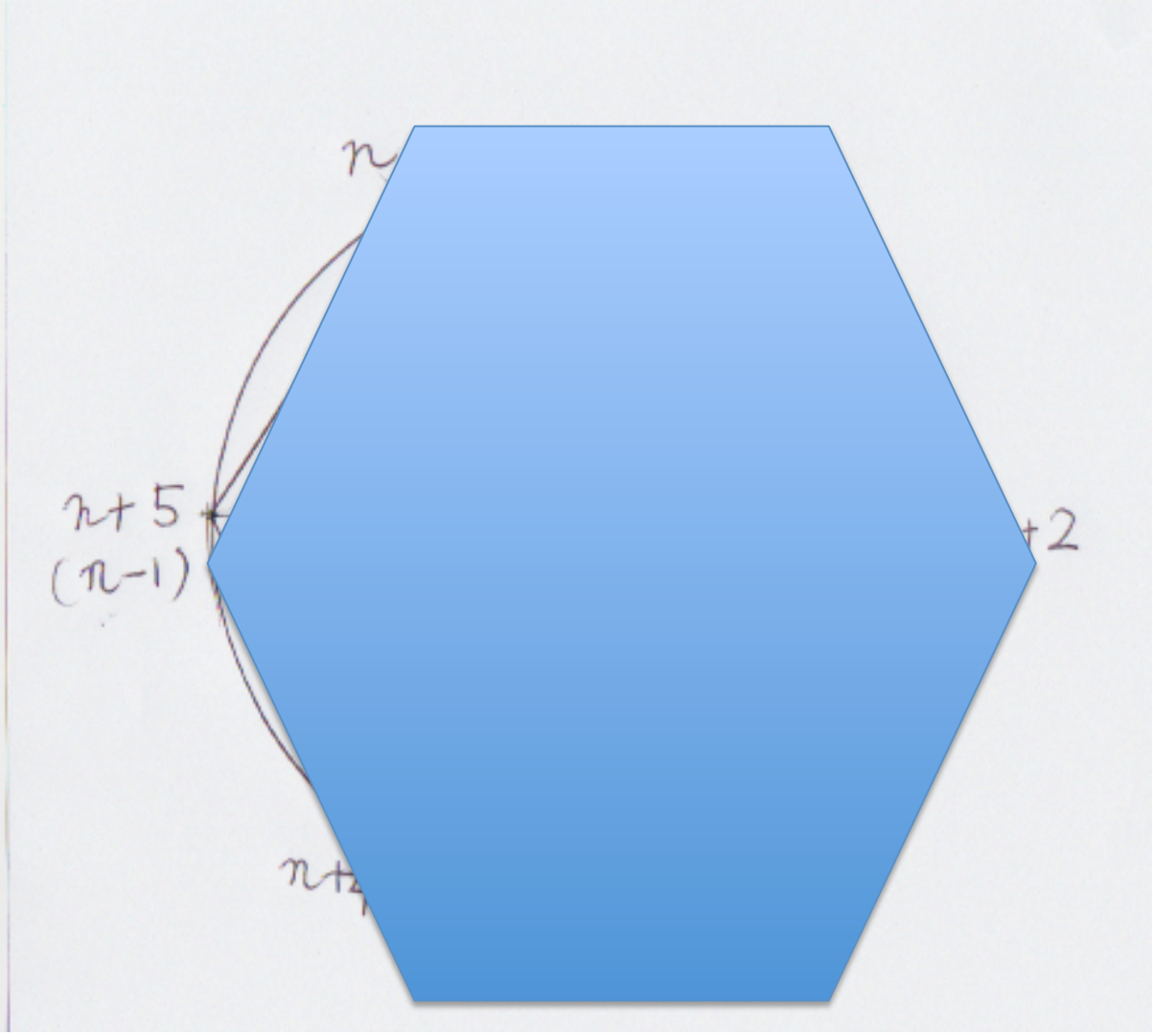
1061--------6n-1 (Twin prime)
1063--------6n+1

1069--------6n+1
1087--------6n+1

1091--------6n-1 (Twin prime)
1093--------6n+1

1097--------6n-1
1103--------6n-1
1109--------6n-1
1117--------6n+1
1123--------6n+1
1129--------6n+1

1151--------6n-1 (Twin prime)
1153--------6n+1
……
……
……



How to keep this hexagon rotate no matter how big it is.

5 0

(6n-1) 00 (6n)

4 1 1

(6n-2) 1=(6n+1) (6n+ (6n+1)

=2(3n-1) -1… (6n+1)

3 2

(6n+3)=3(2n+1) (6n+2)=2(3n+1)

(6n-3)=3(2n-1)

In a hexagonal diagram, (6n-1) and (6n+1) are prime numbers.

And (6n+2)=2(3n+1) , (6n-3)=3(2n-1) and (6n-2)=2(3n-1) are not prime number except 2 and 3.

(6n+1)+(6n+2)=(12n+3) is't Even numbers.

(6n+1)+(6n-2)=(12n-1) is't Even numbers.

(6n+1)+(6n+2)=(12n+3) is't Even numbers.

and

(6n-1)+(6n+2)=(12n+1) is't Even numbers.

(6n-1)+(6n-2)=(12n-3) is't Even numbers.

and

(6n+1)+(6n-3)=(12n-2) is Even numbers. But, (6n-3)=3(2n-1). It is Multiples of 3, and not prime number. Except n=1(It is equal to 3).

【Conclusion】

Thus, all numbers are executed in hexadecimal notation. For example, it does not change in a huge number (forever huge number).

In a hexagonal diagram, (6n-1) and (6n+1), many are prime numbers
And, (6n+2)=2(3n+1), (6n-3)=3(2n-1) and (6n-2)=2(3n-1) are not prime number except 2 and 3.

(6n-1)+(6n-1)=12n-2=2(6n-1), is Even numbers.
(6n-1)+(6n+1)=12n(6n), is Even numbers.
(6n+1)+(6n-1)=12n=2(6n), is Even numbers.
(6n+1)+(6n+1)=12n+2=2(6n+1), is Even numbers.

Of a hexagon.
1st angle (6n + 1)=1, 7, 13, 19, 25, 31, 37, 43, 49, 55, 61 …..∞(odd number)
2nd angle (6n + 2)=2, 8, 14, 20, 26, 32, 38, 44, 50, 56, 62 ..... ∞
3rd angle (6n + 3)=(6n - 3)=3, 9, 15, 21, 27, 33, 39, 45, 51, 57, 63 ..... ∞(odd number)
4th angle (6n + 4)=(6n - 2)=4, 10, 16, 22, 28, 34, 40, 46, 52, 58, 64 .... ∞
5th angle (6n + 5)=(6n - 1)=5, 11, 17, 23, 29, 35, 41, 47, 53, 59, 65…..∞(odd number)
0th angle (6n)=6, 12, 18, 24, 30, 36, 42, 48, 54, 60.....∞

All even numbers are included in 0th angle, 2th angle, 4th angle.
And, all prime numbers are present in 1st angle or 5th angle.

1st angle plus 5th angle are 0th angle(even number).
(6n+1)+(6n+5)=6(2n+1)+0
1st angle plus 1th angle are 2th angle(even number).
(6n+1)+(6n+1)=12n+2=6(2n)+2
5st angle plus 5th angle are 4th angle(even number).
(6n+5)+(6n+5)=12n+10=6*2n+6+4
=6(2n+1)+4

In this way, the number is running in hexadecimal notation, and the decimal method which is most used now is wrong in a strict sense.Integer exists by rotating a hexagon,In the figure, 0(6n), 2(6n + 2), 4(6n-2) are Even numbers. and 1(6n + 1), 3(6n + 3), 5(6 n - 1) are odd numbers.

【References】

non

☃～☃～☃～☃～☃～
☃～☃～☃～☃～☃～

I am a psychiatrist now and also a doctor of brain surgery before.

Office
〒854-0067
toshichan-man
47-8 kuyamadai, Isahaya City, Nagasaki Prefecture, Japan
mmm82889@yahoo.co.jp
I would like to receive an email. I will not answer the phone.

Currently 56 years old
Born on November 26, 1961

☃～☃～☃～☃～☃～
☃～☃～☃～☃～☃～

add to

【Review article】

Goldbach's conjecture ver.2

Toshiro Takami
Mmm82889@yahoo.co.jp

【Abstract】

--A man's story challenging by manual calculation to ***Goldbach's conjecture***--

I challenged to the Goldbach's conjecture.
It is clearly stated beforehand that this will be just a record of setbacks.
Perhaps it will be a record of success.
We expect to be a record of success.
No, absolutely, it will show off.

【Discussion】

Even numbers are prime numbers and prime numbers added, but it has not been proven yet whether it can be true even for a huge number (forever huge number).
All prime numbers are included in (6n - 1) or (6n + 1) except 2 and 3 (n is a positive integer).
All numbers are executed in hexadecimal notation. This does not change even in a huge number (forever huge number).
2 (6n + 2), 4 (6n - 2), 6 (6n) in the figure are even numbers. 1 (6n + 1), 3 (6n + 3), 5 (6n - 1) are odd numbers.

prime numbers are (6n-1) or (6n+1). Except 2 and 3. (n is positive integer).

The following is a prime number.
There are no prime numbers that are not 6n-1 or 6n + 1.

2--------
3--------
5--------6n-1 (Twin prime)
7--------6n+1

11-------6n-1 (Twin prime)
13--------6n+1

17--------6n-1 (Twin prime)
19--------6n+1

23--------6n-1

29--------6n-1 (Twin prime)
31--------6n+1

37--------6n+1

41--------6n-1 (Twin prime)
43--------6n+1

47--------6n-1
53--------6n-1
59--------6n-1

61--------6n+1
67--------6n+1

71--------6n-1 (Twin prime)
73--------6n+1

79--------6n+1
83--------6n-1

89--------6n-1

97--------6n+1

101--------6n-1 (Twin prime)
103--------6n+1

107--------6n-1 (Twin prime)
109--------6n+1

113--------6n-1
127--------6n+1
131--------6n-1

137--------6n-1 (Twin prime)
139--------6n+1

149--------6n-1 (Twin prime)
151--------6n+1

157--------6n+1
163--------6n+1
167--------6n-1
173--------6n-1

179--------6n-1 (Twin prime)
181--------6n+1

191-----6n-1(Twin prime)
193--------6n+1

197--------6n-1 (Twin prime)
199--------6n+1

211--------6n+1
223--------6n+1

227--------6n-1 (Twin prime)
229--------6n+1

233--------6n-1

239--------6n-1 (Twin prime)
241--------6n+1

251--------6n-1
257--------6n-1
263--------6n-1

269--------6n-1 (Twin prime)
271--------6n+1

277--------6n+1

281--------6n-1 (Twin prime)
283--------6n+1

293--------6n+1
307--------6n+1

311--------6n-1 (Twin prime)
313--------6n+1

317--------6n-1
331--------6n+1
337--------6n+1

347--------6n-1 (Twin prime)
349--------6n+1

353--------6n-1
359--------6n-1
367--------6n+1
373--------6n-1
379--------6n+1
383--------6n-1
389--------6n-1
397--------6n+1

401--------6n-1
409--------6n+1

419--------6n-1 (Twin prime)
421--------6n+1

431--------6n-1 (Twin prime)
433--------6n+1

439--------6n+1
443--------6n-1
449--------6n-1
457--------6n+1

461--------6n-1 (Twin prime)
463--------6n+1

467--------6n-1
479--------6n-1
487--------6n+1
491--------6n-1
499--------6n+1
503--------6n-1
509--------6n-1

521--------6n-1 (Twin prime)
523--------6n+1

541--------6n+1
547--------6n+1
557--------6n-1
563--------6n-1

569--------6n-1 (Twin prime)
571--------6n+1

577--------6n+1
587--------6n-1

593--------6n-1

599--------6n-1 (Twin prime)
601--------6n+1

607--------6n+1
613--------6n+1

617--------6n-1 (Twin prime)
619--------6n+1

631--------6n+1

641--------6n-1 (Twin prime)
643--------6n+1

647--------6n-1
653--------6n-1

659--------6n-1 (Twin prime)
661--------6n+1

673--------6n+1
677--------6n-1
683--------6n+1
691--------6n+1
701--------6n-1
709--------6n+1
719--------6n-1
727--------6n+1
733--------6n+1
739--------6n+1
743--------6n-1
751--------6n+1
757--------6n+1
761--------6n-1
769--------6n+1
773--------6n-1

787--------6n+1
797--------6n-1

809--------6n-1 (Twin prime)
811--------6n+1

821--------6n-1 (Twin prime)
823--------6n+1

827--------6n-1 (Twin prime)
829--------6n+1

839--------6n-1
853--------6n+1

857--------6n-1 (Twin prime)
859--------6n+1

863--------6n-1
877--------6n+1

881--------6n-1 (Twin prime)
883--------6n+1

887--------6n-1
907--------6n+1
911--------6n-1
919--------6n+1
929--------6n-1
937--------6n+1
941--------6n-1
947--------6n-1
953--------6n-1
967--------6n-1
971--------6n-1
977--------6n-1
983--------6n-1
991--------6n+1

997--------6n+1
1009--------6n-1
1013--------6n+1

1019--------6n-1 (Twin prime)
1021--------6n+1

1031--------6n-1 (Twin prime)
1033--------6n+1

1039--------6n+1

1049--------6n-1 (Twin prime)
1051--------6n+1

1061--------6n-1 (Twin prime)
1063--------6n+1

1069--------6n+1
1087--------6n+1

1091--------6n-1 (Twin prime)
1093--------6n+1

1097--------6n-1
1103--------6n-1
1109--------6n-1
1117--------6n+1
1123--------6n+1
1129--------6n+1

1151--------6n-1 (Twin prime)
1153--------6n+1
……
……

(Even numbers greater than 2 are all sums of two prime numbers, below)
(n is a positive integer)

4=2+2
6=3+3
8=(6n-1)+3, 5+3

10=(6n-1)+(6n-1), 5+5, n=1,1
12=(6n-1)+(6n+1), 5+7, n=1,1
14=(6n+1)+(6n+1), 7+7, n=1,1

16=(6n-1)+(6n-1), 5+11, n=1,2
18=(6n+1)+(6n-1), 7+11, n=1,2
20=(6n+1)+(6n+1), 7+13, n=1,2

22=(6n-1)+(6n-1), 11+11, n=2,2
24=(6n-1)+(6n+1), 11+13, n=2,2
26=(6n+1)+(6n+1), 13+13, n=2,2

28=(6n-1)+(6n-1), 11+17, n=2,3
30=(6n+1)+(6n-1), 13+17, n=2,3
32=(6n+1)+(6n+1), 13+19, n=2,3

34=(6n-1)+(6n-1), 17+17, n=3,3
36=(6n-1)+(6n+1), 17+19, n=3,3
38=(6n+1)+(6n+1), 19+19, n=3,3

40=(6n-1)+(6n-1), 17+23, n=3,4
42=(6n+1)+(6n-1), 19+23, n=3,4
44=(6n+1)+(6n+1), 13+31, n=2,5,(25 is not prime-number, so that replace)

46=(6n-1)+(6n-1), 23+23, n=4,4
48=(6n+1)+(6n-1), 19+29, n=3,5,(25 is not prime-number, so that replace)
50=(6n+1)+(6n+1), 19+31, n=3,5,(25 is not prime-number, so that replace)
And,50=25+25=(6*4+1)+(6*4+1)=13+37=7+43=3+47

52=(6n-1)+(6n-1), 23+29, n=4,5
54=(6n-1)+(6n+1), 23+31, n=4,5
56=(6n+1)+(6n+1), 13+43, n=2,7,(25 is not prime-number, so that replace)

58=(6n-1)+(6n-1), 29+29, n=5,5
60=(6n-1)+(6n+1), 29+31, n=5,5
62=(6n+1)+(6n+1), 31+31, n=5,5

64=(6n-1)+(6n-1), 23+41, n=4,7,(35 is not prime-number, so that replace)
66=(6n-1)+(6n+1), 23+43, n=4,7,(35 is not prime-number, so that replace)
68=(6n+1)+(6n+1), 31+37, n=5,6

70=(6n-1)+(6n-1), 29+41, n=5,7,(35 is not prime-number, so that replace)
72=(6n+1)+(6n-1), 31+41, n=5,7,(35 is not prime-number, so that replace)
74=(6n+1)+(6n+1), 37+37, n=6,6

76=(6n-1)+(6n-1), 29+47, n=5,8,(35 is not prime-number, so that replace)
78=(6n+1)+(6n-1), 37+41, n=6,7
80=(6n-1)+(6n-1), 29+59, n=5,10,(35 is not prime-number, so that replace)

82=(6n-1)+(6n-1), 41+41, n=7,7
84=(6n-1)+(6n+1), 41+43, n=7,7
86=(6n+1)+(6n+1), 43+43, n=7,7

88=(6n-1)+(6n-1), 41+47, n=7,8
90=(6n+1)+(6n-1), 43+47, n=7,8
92=(6n+1)+(6n+1), 31+61, n=5,10,(49 is not prime-number, so that replace)

94=(6n-1)+(6n-1), 47+47, n=8,8

96=(6n+1)+(6n-1), 43+53, n=7,9,(49 is not prime-number, so that replace)
98=(6n+1)+(6n+1), 37+61, n=6,10,(49 is not prime-number, so that replace)

100=(6n-1)+(6n-1), 41+59, n=7,10
102=(6n-1)+(6n+1), 41+61, n=7,10
104=(6n+1)+(6n+1), 43+61, n=7,10

106=(6n-1)+(6n-1), 53+53, n=9,9
108=(6n-1)+(6n+1), 47+61, n=8,10,(55 is not prime-number,so that replace)
110=(6n+1)+(6n+1), 43+67, n=7,11,(55 and 57 are not prime-number,so that replace)

112=(6n-1)+(6n-1), 53+59, n=9,10
114=(6n-1)+(6n+1), 53+61, n=9,10
116=(6n+1)+(6n+1), 43+73, n=7,12,(55 is not prime-number, so that replace)

118=(6n-1)+(6n-1), 59+59, n=10,10
120=(6n-1)+(6n+1), 59+61, n=10,10
122=(6n+1)+(6n+1), 61+61, n=10,10

124=(6n-1)+(6n-1), 53+71, n=9,12,(65 is not prime-number, so that replace)
126=(6n-1)+(6n+1), 53+73, n=9,12,(65 is not prime-number, so that replace)
128=(6n+1)+(6n+1), 61+67, n=10,11

130=(6n-1)+(6n-1), 59+71, n=10,12,(65 is not prime-number, so that replace)
132=(6n+1)+(6n-1), 61+71, n=10,12,(65 is not prime-number, so that replace)
134=(6n+1)+(6n+1), 67+67, n=11,11

136=(6n-1)+(6n-1), 53+83, n=9,14,(65 is not prime-number, so that replace)

138=(6n-1)+(6n+1), 59+79, n=10,13,(65 is not prime-number, so that replace)
140=(6n+1)+(6n+1), 67+73, n=11,12

142=(6n-1)+(6n-1), 71+71, n=12,12
144=(6n-1)+(6n+1), 71+73, n=12,12
146=(6n+1)+(6n+1), 73+73, n=12,12

148=(6n-1)+(6n-1), 59+89, n=10.15,(77 and 65 are not prime-number, so that replace)
150=(6n-1)+(6n+1), 71+79, n=12.13
152=(6n+1)+(6n+1), 73+79, n=12,13

154=(6n-1)+(6n-1), 71+83, n=12,14,(77 is not prime-number, so that replace)
156=(6n+1)+(6n-1), 73+83, n=12,14,(77 is not prime-number, so that replace)
158=(6n+1)+(6n+1), 79+79, n=13,13

154=(6n-1)+(6n-1), 71+83, n=12,14,(77 is not prime-number, so that replace)
156=(6n+1)+(6n-1), 73+83, n=12,14,(77 is not prime-number, so that replace)
158=(6n+1)+(6n+1), 79+79, n=13,13

160=(6n-1)+(6n-1), 71+89, n=12,15,(77 is not prime-number, so that replace)
162=(6n-1)+(6n+1), 71+91, n=12,15,(77 and 85 are not prime-number, so that replace)
164=(6n+1)+(6n+1), 73+91, n=12,15,(85 is not prime-number, so that replace)

166=(6n-1)+(6n-1), 83+83, n=14,14
168=(6n+1)+(6n-1), 79+89, n=13,15,(85 is not prime-number, so that replace)
170=(6n+1)+(6n+1), 79+91, n=13,15,(85 is not prime-number, so that replace)

172=(6n-1)+(6n-1), 71+101,n=12,17,(85 is not prime-number, so that replace)
174=(6n+1)+(6n-1), 73+101,n=12,17,(85 is not prime-number, so that replace)
176=(6n+1)+(6n+1), 73+103,n=12,17,(87 is not prime-number, so that replace)

178=(6n-1)+(6n-1), 89+89, n=15,15
180=(6n-1)+(6n+1), 83+97, n=14,16,(91 is not prime-number, so that replace)
182=(6n+1)+(6n+1), 79+103, n=13,17,(91 is not prime-number, so that replace)

184=(6n-1)+(6n-1), 83+101, n=14,17,(95 is not prime-number, so that replace)
186=(6n-1)+(6n+1), 89+97, n=15,16,(91 is not prime-number, so that replace)
188=(6n+1)+(6n+1), 61+127, n=10,21,(93 is not prime-number, so that replace)

190=(6n-1)+(6n-1), 89+101, n=15,17,(95 is not prime-number, so that replace)
192=(6n-1)+(6n+1), 83+109, n=14,18,(95 is not prime-number, so that replace)
194=(6n+1)+(6n+1), 97+97, n=16,16

196=(6n-1)+(6n-1), 83+113, n=14,19,(95 is not prime-number, so that replace)
198=(6n+1)+(6n-1), 97+101, n=16,17
200=(6n+1)+(6n+1), 97+103, n=16,17

202=(6n-1)+(6n-1), 101+101, n=17,17
204=(6n-1)+(6n+1), 101+103, n=17,17
206=(6n+1)+(6n+1), 103+103, n=17,17

208=(6n-1)+(6n-1), 101+107, n=17,18
210=(6n-1)+(6n+1), 101+109, n=17,18
212=(6n+1)+(6n+1), 103+109, n=17,18

214=(6n-1)+(6n-1), 107+107, n=18,18
216=(6n-1)+(6n+1), 107+109, n=18,18
218=(6n+1)+(6n+1), 109+109, n=18,18

220=(6n-1)+(6n-1), 107+113, n=18,19
222=(6n-1)+(6n+1), 107+115, n=18,19
224=(6n+1)+(6n+1), 109+115, n=18,19
…..
…….
500=250+250(not prime)
=241(prime)+259(not prime)
=239(prime)+261(not prime)
=233(prime)+267(not prime)
=229(prime)+271(prime)

502=251+251(prime)

504=252+252(not prime)
=251(prime)+253(not prime)
=241(prime)+263(prime)

506=253+253(not prime)
=251(prime)+255(not prime)
=241(prime)+265(not prime)
=239(prime)+267(not prime)
=233(prime)+273(not prime)
=229(prime)+277(prime)

508=254+254(not prime)
=251(prime)+257(prime)

510=255+255(not prime)
=251(prime)+259(not prime)
=241(prime)+269(prime)

512=256+256(not prime)
=251(prime)+261(not prime)

=241(prime)+271(prime)

514=257+257(prime)

516=258+258(not prime)
=257(prime)+259(not prime)
=251(prime)+265(not prime)
=241(prime)+275(prime)
=239(prime)+277(not prime)
=233(prime)+283(prime)

518=259+259(not prime)
=257(prime)+261(not prime)
=251(prime)+267(not prime)
=241(prime)+277(prime)

520=260+260(not prime)
=257(prime)+263(prime)

522=261+261(not prime)
=257(prime)+265(not prime)
=251(prime)+271(prime)

524=262+262(not prime)
=257(prime)+267(not prime)
=251(prime)+273(not prime)
=241(prime)+283(prime)

526=263+263(prime)

528=264+264(not prime)
=263(prime)+265(not prime)
=257(prime)+271(prime)

530=265+265(not prime)
=263(prime)+265(not prime)
=257(prime)+271(prime)
=251(prime)+273(not prime)

=241(prime)+283(prime)

=239(prime)+277(not prime)
=233(prime)+283(prime)

=229(prime)+277(prime)

652=376+376
=373(prime)+379(prime)

698=349+349
=347+351
=337+361
=331(prime)+367(prime)

968=484+484
=479+489
=467+497
=463+501
=461+503(prime)

1000=500+500
=499(prime)+501(not prime)
=491(prime)+509(prime)

1002=501+501(not prime)
=499(prime)+503(prime)

1004=502+502
=499(prime)+505(not prime)
=491(prime)+513(not prime)
=487(prime)+517(not prime)
=479(prime)+525(not prime)
=467(prime)+537(not prime)
=463(prime)+541(prime)

1006=503+503(prime)

1008=

2000=1000+1000
=997(prime)+1003(not prime)
=991(prime)+1009(prime)

2002=1000+1000
=997(prime)+1005(not prime)
=991(prime)+1011(prime)
=997(prime)+1005(not prime)
=991(prime)+1011(prime)

5316=2658+2658
=2657(prime)+2659(not prime)
=2647(prime)+2657(prime)
=2633(prime)+2657(prime)
=2621(prime)+2657(prime)
=2617(prime)+2657(prime)
=2609(prime)+2657(prime)
=2659(prime)+2657(prime)
=2659(prime)+2657(prime)

9000=4500+4500
=4501(not prime)+4499(not prime)
=4503(not prime)+4497(not prime)

=4505(not prime)+4495(not prime)
=4507(prime)+4493(prime)

9500=4750+4750
=4751(prime)+4749(not prime)
=4759(prime)+4741(not prime)
=4663(prime)+4837(not prime)
=4657(prime)+4843(not prime)
=4651(prime)+4849(not prime)
=4649(prime)+4851(not prime)
=4643(prime)+4857(not prime)
=4639(prime)+4861(prime)

9600=4800+4800
=4799(prime)+4801(prime)

9602=4801(prime)+4801

9604=4802+4802
=4801(prime)+4803(not prime)
=4793(prime)+4811(not prime)
=4789(prime)+4815
=4787(prime)+4817(prime)

9606=4803(not prime)+4803
=4801(prime)+4805(not prime)
=4793(prime)+4813(prime)

9608=4804+4804
=4801(prime)+4807(not prime)
=4789(prime)+4819(not prime)
=4787(prime)+4821(not prime)
=4783(prime)+4825(not prime)
=4759(prime)+4859(not prime)
=4751(prime)+4857(not prime)
=4733(prime)+4875(not prime)
=4729(prime)+4729(prime)

9610=4805+4805
=4801(prime)+4809(not prime)
=4799(prime)+4811(not prime)
=4793(prime)+4817(prime)

9612=4806+4806
=4801(prime)+4811(not prime)
=4799(prime)+4813(prime)

9614=4807(not prime)+4807
=4801(prime)+4813(prime)

9616=4808+4808
=4799(prime)+4813(prime)
=4801(prime)+4815(not prime)
=4799(prime)+4817(prime)

9618=4809(not prime)+4809
=4801(prime)+4817(prime)

9620=4810+4810
=4801(prime)+4819(prime)
=4799(prime)+4821(not prime)
=4793(prime)+4827(not prime)
=4789(prime)+4831(prime)

9622=4811(not prime)+4811(not prime)
=4801(prime)+4821(not prime)
=4799(prime)+4823(not prime)
=4793(prime)+4829(not prime)
=4789(prime)+4833(not prime)
=4787(prime)+4835(not prime)
=4783(prime)+4839(not prime)
=4723+4885(not prime)
=4721+4887(not prime)
=4703(prime)+4919(prime)

9624=4812+4812

=4801(prime)+4823(not prime)
=4799(prime)+4825(not prime)
=4793(prime)+4831(prime)

9626=4813(prime)+4813(prime)

9628=4814+4814
=4813(not prime)+4815(not prime)
=4801(prime)+4825(not prime)
=4799(prime)+4829(not prime)
=4793(prime)+4835(not prime)
=4789(prime)+4839(not prime)
=4787(prime)+4841(not prime)
=4783(prime)+4845(not prime)
=4759(prime)+4869(not prime)
=4751(prime)+4877(prime)

9630=4815+4815(not prime)
=4813(prime)+4817(prime)

9632=4816+4816
=4813(prime)+4819(not prime)
=4801(prime)+4831(prime)

9634=4817(prime)+4817(prime)

9636=4818+4818
=4817(prime)+4819(not prime)
=4813(prime)+4823(not prime)
=4801(prime)+4835(not prime)
=4799(prime)+4837(not prime)
=4793(prime)+4843(not prime)
=4789(prime)+4847(not prime)
=4787(prime)+4849(not prime)
=4783(prime)+4853(not prime)
=4759(prime)+4877(prime)

9638=4819(not prime)+4819

=4817(prime)+4821(not prime)
=4813(prime)+4825(not prime)
=4801(prime)+4837(not prime)
=4799(prime)+4839(not prime)
=4793(prime)+4845(not prime)
=4789(prime)+4849(not prime)
=4787(prime)+4851(not prime)
=4783(prime)+4855(not prime)
=4759(prime)+4879(not prime)
=4751(prime)+4887(not prime)
=4733(prime)+4905
=4729(prime)+4909(prime)

9640=4820+4820
=4817(prime)+4823(not prime)
=4813(prime)+4827(not prime)
=4801(prime)+4839(not prime)
=4799(prime)+4841(not prime)
=4793(prime)+4847(not prime)
=4789(prime)+4851(not prime)
=4787(prime)+4853(not prime)
=4783(prime)+4857(not prime)
=4759(prime)+4881(not prime)
=4751(prime)+4889(prime)

9642=4821(not prime)+4821(not prime)
=4817(prime)+4825(not prime)
=4813(prime)+4829(not prime)
=4801(prime)+4841(not prime)
=4799(prime)+4843(not prime)
=4793(prime)+4849(not prime)
=4789(prime)+4853(not prime)
=4787(prime)+4855(not prime)
=4783(prime)+4859(not prime)
=4759(prime)+4883(not prime)
=4751(prime)+4891(not prime)
=4733(prime)+4909(not prime)
=4729(prime)+4913(not prime)

=4723(prime)+4919(prime)

9644=4822+4822
=4817(prime)+4827(not prime)
=4813(prime)+4831(prime)

9646=4823(not prime)+4823
=4817(prime)+4829(not prime)
=4813(prime)+4833(not prime)
=4801(prime)+4845(not prime)
=4799(prime)+4847(not prime)
=4793(prime)+4853(not prime)
=4789(prime)+4857(not prime)
=4787(prime)+4859(not prime)
=4783(prime)+4863(not prime)
=4759(prime)+4887(not prime)
=4751(prime)+4895(not prime)
=4733(prime)+4913(not prime)
=4729(prime)+4917(not prime)
=4723(prime)+4923(not prime)
=4721(prime)+4925
=4703(prime)+4943(prime)

9648=4824+4824
=4817(prime)+4831(prime)

9650=4825+4825
=4817(prime)+4833(not prime)
=4813(prime)+4837(not prime)
=4801(prime)+4849(not prime)
=4799(prime)+4851(not prime)
=4793(prime)+4857(not prime)
=4789(prime)+4857(not prime)
=4787(prime)+4863(not prime)
=4783(prime)+4867(not prime)
=4759(prime)+4881(not prime)
=4751(prime)+4899(not prime)
=4733(prime)+4917(not prime)

=4729(prime)+4921(not prime)
=4723(prime)+4927(not prime)
=4721(prime)+4929(not prime)
=4703(prime)+4947(not prime)
=4691(prime)+4959(not prime)
=4583(prime)+4967(prime)

9652=4826+4826
=4817(prime)+4835(not prime)
=4813(prime)+4839(not prime)
=4801(prime)+4851(not prime)
=4799(prime)+4853(not prime)
=4793(prime)+4859(not prime)
=4789(prime)+4863(not prime)
=4787(prime)+4865(not prime)
=4783(prime)+4869(not prime)
=4759(prime)+4883(not prime)
=4751(prime)+4901(not prime)
=4733(prime)+4919(prime)
=4729(prime)+4923(not prime)
=4723(prime)+4929(not prime)
=4721(prime)+4931(prime)

9654=4827+4827
=4817(prime)+4837(not prime)
=4813(prime)+4841(not prime)
=4801(prime)+4853(not prime)
=4799(prime)+4855(not prime)
=4793(prime)+4861(prime)

9656=4828+4828
=4817(prime)+4839(not prime)
=4813(prime)+4843(not prime)
=4801(prime)+4855(not prime)
=4799(prime)+4857(not prime)
=4793(prime)+4863(not prime)
=4789(prime)+4867(not prime)
=4787(prime)+4869(not prime)

=4783(prime)+4873(not prime)
=4759(prime)+4897(not prime)
=4751(prime)+4905(not prime)
=4733(prime)+4923(not prime)

9654=4827+4827
=4817(prime)+4837(not prime)
=4813(prime)+4841(not prime)
=4801(prime)+4853(not prime)
=4799(prime)+4851(not prime)
=4793(prime)+4861(prime)

9656=4828+4828
=4813(prime)+4843
=4801(prime)+4855
=4799(prime)+4857(not prime)
=4793(prime)+4863(not prime)
=4789(prime)+ 4867(not prime)
=4787(prime)+ 4869(not prime)
=4783(prime)+4873(not prime)
=4759(prime)+4879(not prime)
=4751(prime)+4905
=4733(prime)+4923(not prime)
=4729(prime)+4927(not prime)
=4723(prime)+4933(prime)

9658=4829+4829
=4817(prime)+4857(not prime)
=4813(prime)+4845(not prime)
=4801(prime)+4857(not prime)
=4799(prime)+4859(prime)

9660=4830+4830
=4817(prime)+4843(not prime)
=4813(prime)+4847(not prime)
=4801(prime)+4859(not prime)
=4799(prime)+4861(prime)

9662=4831(prime)+4831

9664=4832+4832
=4831(prime)+4833(not prime)
=4817(prime)+4847(not prime)
=4813(prime)+4851(not prime)
=4801(prime)+4863(not prime)
=4799(prime)+4865(not prime)
=4793(prime)+4871(prime)

9666=4833+4833
=4831(prime)+4835(not prime)
=4817(prime)+4849(not prime)
=4813(prime)+4853(not prime)
=4801(prime)+4865(not prime)
=4799(prime)+4867(not prime)
=4793(prime)+4873(not prime)
=4789(prime)+4877(prime)

9668=4834+4834
=4831(prime)+4837(not prime)
=4817(prime)+4851(not prime)
=4813(prime)+4855(not prime)
=4801(prime)+4867(not prime)
=4799(prime)+4869(not prime)
=4793(prime)+4875(not prime)
=4789(prime)+4879(not prime)
=4787(prime)+4871(prime)

9670=4835+4835
=4831(prime)+4839(not prime)
=4817(prime)+4853(not prime)
=4813(prime)+4857(not prime)
=4801(prime)+4869(not prime)
=4799(prime)+4871(prime)

9672=4836+4836
=4831(prime)+4841(not prime)

=4817(prime)+4855(not prime)
=4813(prime)+4859(not prime)
=4801(prime)+4871(prime)

9674=4837+4837
=4831(prime)+4843(not prime)
=4817(prime)+4857(not prime)
=4813(prime)+4861(prime)

9676=4838+4838
=4831(prime)+4845(not prime)
=4817(prime)+4859(not prime)
=4813(prime)+4863(not prime)
=4801(prime)+4875(not prime)
=4799(prime)+4877(prime)

9678=4839+4839
=4831(prime)+4847(not prime)
=4817(prime)+4861(prime)

9680=4840+4840
=4831(prime)+4849(not prime)
=4817(prime)+4863(not prime)
=4813(prime)+4867(not prime)
=4801(prime)+4879(not prime)
=4799(prime)+4881(not prime)
=4793(prime)+4887(not prime)
=4789(prime)+4891(not prime)
=4787(prime)+4893(not prime)
=4783(prime)+4897(not prime)
=4759(prime)+4921(not prime)
=4751(prime)+4929(not prime)
=4733(prime)+4947(not prime)
=4729(prime)+4951(prime)

9682=4841+4841(not prime)
=4831(prime)+4851(not prime)
=4817(prime)+4865(not prime)

=4813(prime)+4869(not prime)
=4801(prime)+4881(not prime)
=4799(prime)+4883(not prime)
=4793(prime)+4889(prime)

9684=4842+4842(not prime)
=4831(prime)+4853(not prime)
=4817(prime)+4867(not prime)
=4813(prime)+4871(prime)

9686=4843+4843(not prime)
=4831(prime)+4855(not prime)
=4817(prime)+4869(not prime)
=4813(prime)+4873(not prime)
=4801(prime)+4885(not prime)
=4799(prime)+4887(not prime)
=4793(prime)+4893(not prime)
=4789(prime)+4897(not prime)
=4787(prime)+4899(not prime)
=4783(prime)+4903(prime)

9688=4844+4844(not prime)
=4831(prime)+4857(not prime)
=4817(prime)+4871(prime)

9690=4845+4845(not prime)
=4831(prime)+4859(not prime)
=4817(prime)+4873(not prime)
=4813(prime)+4877(prime)

9692=4846+4846(not prime)
=4831(prime)+4861(prime)

9694=4847+4847(not prime)
=4831(prime)+4863(not prime)
=4817(prime)+4877(prime)

9696=4848+4848(not prime)

=4831(prime)+4865(not prime)
=4817(prime)+4879(not prime)
=4813(prime)+4883(not prime)
=4801(prime)+4895(not prime)
=4799(prime)+4897(not prime)
=4793(prime)+4903(prime)

9698=4849+4849(not prime)
=4831(prime)+4867(not prime)
=4817(prime)+4881(not prime)
=4813(prime)+4885(not prime)
=4801(prime)+4897(not prime)
=4799(prime)+4899(not prime)
=4793(prime)+4905(not prime)
=4789(prime)+4909(prime)

9700=4850+4850(not prime)
=4831(prime)+4869(not prime)
=4817(prime)+4883(not prime)
=4813(prime)+4887(not prime)
=4801(prime)+4899(not prime)
=4799(prime)+4901(not prime)
=4793(prime)+4907(not prime)
=4789(prime)+4911(not prime)
=4787(prime)+4913(not prime)
=4783(prime)+4917(not prime)
=4759(prime)+4951(prime)

9702=4851+4851(not prime)
=4831(prime)+4871(prime)

9704=4852+4852(not prime)
=4831(prime)+4873(prime)
=4817(prime)+4887(not prime)
=4813(prime)+4891(not prime)
=4801(prime)+4903(prime)

9706=4853+4853(not prime)

=4831(prime)+4875(not prime)
=4817(prime)+4889(prime)

9708=4854+4854(not prime)
=4831(prime)+4877(prime)

9710=4855+4855(not prime)
=4831(prime)+4879(not prime)
=4817(prime)+4893(not prime)
=4813(prime)+4897(not prime)
=4801(prime)+4909(prime)

9712=4856+4856(not prime)
=4831(prime)+4881(not prime)
=4817(prime)+4895(not prime)
=4813(prime)+4899(not prime)
=4801(prime)+4911(not prime)
=4799(prime)+4913(not prime)
=4793(prime)+4909(prime)

9714=4857+4857(not prime)
=4831(prime)+4883(not prime)
=4817(prime)+4897(not prime)
=4813(prime)+4901(not prime)
=4801(prime)+4913(not prime)
=4799(prime)+4915(not prime)
=4793(prime)+4921(not prime)
=4789(prime)+4925(not prime)
=4787(prime)+4927(not prime)
=4783(prime)+4931(prime)

9716=4858+4858(not prime)
=4831(prime)+4885(not prime)
=4817(prime)+4899(not prime)
=4813(prime)+4903(prime)

9718=4859+4859(not prime)
=4831(prime)+4887(not prime)

=4817(prime)+4901(not prime)
=4813(prime)+4905(not prime)
=4801(prime)+4917(not prime)
=4799(prime)+4919(prime)

9718=4859+4859(not prime)
=4831(prime)+4887(not prime)
=4817(prime)+4901(not prime)
=4813(prime)+4905(not prime)
=4801(prime)+4917(not prime)
=4799(prime)+4919(prime)

9720=4860+4860(not prime)
=4831(prime)+4889(prime)

9722=4861+4861(prime)

9724=4862+4862(not prime)
=4861(prime)+4923(not prime)
=4831(prime)+4893(not prime)
=4817(prime)+4907(not prime)
=4813(prime)+4911(not prime)
=4801(prime)+4923(not prime)
=4799(prime)+4925(not prime)
=4793(prime)+4931(prime)

9726=4863+4863(not prime)
=4861(prime)+4925(not prime)
=4831(prime)+4895(not prime)
=4817(prime)+4909(prime)

9728=4864+4864(not prime)
=4861(prime)+4867(not prime)
=4831(prime)+4897(not prime)
=4817(prime)+4911(not prime)
=4813(prime)+4915(not prime)
=4801(prime)+4927(not prime)
=4799(prime)+4929(not prime)

=4793(prime)+4935(not prime)
=4789(prime)+4939(not prime)
=4787(prime)+4941(not prime)
=4783(prime)+4945(not prime)
=4759(prime)+4969(not prime)
=4751(prime)+4977(not prime)
=4733(prime)+4995(not prime)
=4729(prime)+4999(prime)

9730=4865+4865(not prime)
=4861(prime)+4869(not prime)
=4831(prime)+4899(not prime)
=4817(prime)+4913(not prime)
=4813(prime)+4917(not prime)
=4801(prime)+4929(not prime)
=4799(prime)+4931(prime)

9732=4866+4866(not prime)
=4861(prime)+4871(not prime)
=4831(prime)+4901(not prime)
=4817(prime)+4915(not prime)
=4813(prime)+4919(prime)

9734=4867+4867(not prime)
=4861(prime)+4873(not prime)
=4831(prime)+4903(prime)

9736=4868+4868(not prime)
=4861(prime)+4875(not prime)
=4831(prime)+4905(not prime)
=4817(prime)+4919(prime)

9738=4869+4869(not prime)
=4861(prime)+4877(prime)

9740=4870+4870(not prime)
=4861(prime)+4879(not prime)
=4831(prime)+4909(prime)

9742=4871+4871(prime)

9744=4872+4872(prime)
=4861(prime)+4883(not prime)
=4831(prime)+4913(not prime)
=4817(prime)+4927(not prime)
=4813(prime)+4931(prime)

9746=4873+4873(prime)
=4861(prime)+4885(not prime)
=4831(prime)+4915(not prime)
=4817(prime)+4929(not prime)
=4813(prime)+4933(prime)

9748=4874+4874(prime)
=4861(prime)+4887(not prime)
=4831(prime)+4917(not prime)
=4817(prime)+4931(prime)

=4813(prime)+4933(prime)
=4801(prime)+4929(not prime)
=4799(prime)+4931(prime)
=4793(prime)+4935(not prime)
=4789(prime)+4939(not prime)
=4787(prime)+4941(not prime)
=4783(prime)+4945(not prime)
=4759(prime)+4969(not prime)
=4751(prime)+4977(not prime)
=4733(prime)+4995(not prime)
=4729(prime)+4999(prime)

53148=27779(=prime)+25367(=prime)
27779(=prime)+25367(=prime)+2=2×26573(=prime)

53150=26575×2 + 0=26577(not prime)+26573(prime)
=26579(not prime)+26571(not prime)
=26581(not prime)+26569()
=26583(not prime)+26567(prime)
=26585(not prime)+26565(not prime)
=26587(not prime)+26563(not prime)
=26589(not prime)+26561(prime)
=26591(prime)+26559(not prime)
=26593(not prime)+26557()
=26595(not prime)+26555()
=26597(prime)+26553(not prime)
=26599(not prime)+26551(not prime)
=26601(not prime)+26549()
=26603(not prime)+26547()

……
I am tired.

Error! Unknown character in picture string.

Error! Unknown character in picture string.