Discovery of the prime number equation

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【Abstract】
I found a prime number equation. All prime numbers except 2 and 3 are expressed by the following formula.

$$\sqrt{24a+1} = t \qquad (1)$$

(a = positive integer, t = prime number)
For other positive integers, t is an irrational number.
As an exception, This generates all prime numbers except 2 and 3, but also generates a composite number of prime numbers. The composite number of the prime has regularity.

【Discussion】

$$\sqrt{24a+1} = t \qquad (1)$$

(a =positive integer, t =prime number)

This generates all prime numbers except 2 and 3, but also generates a composite number of prime numbers. The composite number of the prime has regularity,

$$(prime - number) \times (prime - number)$$

That is
(5) x (5 or more prime number)
For example, 5x5, 5x7, 5x11, 5x13, 5x17, 5x19………
(7) x (7 or more prime number)
For example, 7x7, 7x11, 7x13, 7x17, 7x19, 7x23………
(11) x (11 or more prime number)
For example, 11x11, 11x13, 11x17, 11x19, 11x23………
(13) x (13 or more prime number)
For example, 13x13, 13x17, 13x19, 13x23, 13x29………

(17) x (17 or more prime number)
For example, 17x17, 17x19, 17x23, 17x29, 17x31………
(19) x (19 or more prime number)
For example, 19x19, 19x23, 19x29, 19x31, 19x37………
(23) x (23 or more prime number)
 For example, 23x23, 23x29, 23x31, 23x37, 23x41………
(29) x (29 or more prime number)
For example, 29x29, 29x31, 29x37, 29x41, 29x43………
………..
………..
………..

$$\sqrt{24a + 1} = t \qquad\qquad (1)$$

(a =positive integer, t =prime number)

a=1, t=5
a=2, t=7
a=5, t=11
a=7, t=13
a=12, t=17
a=15, t=19
a=22, t=23
a=35, t=29
a=40, t=31
a=57, t=37
a=70, t=41
a=77, t=43
a=92, t=47
a=117, t=53
a=145, t=59
a=155, t=61
a=187, t=67
a=210, t=71
a=222, t=73
a=247, t=77
a=260, t=79
a=287, t=83

a=330, t=89
a=392, t=97
a=425, t=101
a=442, t=103
a=477, t=107
a=495, t=109
a=532, t=113
a=672, t=127
a=715, t=131
a=782, t=137
a=805, t=139
a=925, t=149
a=950, t=151
a=1028, t=157
a=1107, t=163
a=1162, t=167
a=1247, t=173
a=1335, t=179
a=1365, t=181
a=1520, t=191
a=1552, t=193
a=1617, t=197
a=1650, t=199
a=1855, t=211
a=2072, t=223
a=2147, t=227
a=2185, t=229
a=2262, t=233
a=2380, t=239
a=2420, t=241
a=2625, t=251
a=2752, t=257
a=2882, t=263
a=3015, t=269
a=3060, t=271
a=3197, t=277
a=3290, t=281
a=3337, t=283

a=3577, t=293
a=3927, t=307
a=4030, t=311
a=4082, t=313
a=4187, t=317
a=4562, t=331
a=4732, t=337
a=5017, t=347
a=5075, t=349
a=5192, t=353
……
Other than a (positive integer), t is an irrational number or the above exceptions.

【Reference】

1) https://en.wikipedia.org/wiki/Prime_number

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

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I would like to receive an email. I will not answer the phone.

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