

> # -P1 +P2-P3 +.. +Pe=3^h by H•E :

> with(StringTools) : print(蛭子井博孝, FormatTime("%Y-%m-%d-(%r)")) : c := 1 : HX := 0 :for h from 1 to 1 do print(-2 + ithprime(2·h) [2 th p] - ithprime(2·h + 1) [3 th p] + ithprime(2·h + 2) [4 th p] = [3] ..(H•E) [No = c]) : od: HX := 3 : for h from 1 to 10000000 do HX := HX - ithprime(2·h + 3) + ithprime(2·h + 4) : if type(log[3](HX), integer) then c := c + 1 : print(-2 + XXX - ithprime(2·h - 1) [(2·h - 1) th p] + ithprime(2·h) [(2·h) th p] = [3]^{log[3](HX)} ... (H•E) [No = c]) : print() fi:od: print(H = h, made) : print(蛭子井博孝, FormatTime("%Y-%m-%d-(%r)")) :
蛭子井博孝, "2020-02-26-(06:04:09 PM)"

$$-2 + 3_{2\text{th } p} - 5_{3\text{th } p} + 7_{4\text{th } p} = [3] ..(H•E) [No = 1]$$

$$-2 + XXX - 31_{11\text{th } p} + 37_{12\text{th } p} = [3]^3 ..(H•E) [No = 2]$$

$$-2 + XXX - 167_{39\text{th } p} + 173_{40\text{th } p} = [3]^4 ..(H•E) [No = 3]$$

$$-2 + XXX - 1427_{225\text{th } p} + 1429_{226\text{th } p} = [3]^6 ..(H•E) [No = 4]$$

$$-2 + XXX - 39097_{4115\text{th } p} + 39103_{4116\text{th } p} = [3]^9 ..(H•E) [No = 5]$$

H = 2666828, made

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(1)

> # -P1 +P2-P3 +.. +Pe=2^h by H•E :

> with(StringTools) : print(蛭子井博孝, FormatTime("%Y-%m-%d-(%r)")) : c := 2 : HX := 0 : print(ithprime(1) [{1} th p] = [2] ..(H•E) [No = 1]) :for h from 2 to 2 do print(2 - ithprime(h) [2 th p] + ithprime(h + 1) [3 th p] = [2]² ..(H•E) [No = c]) : od: HX := 4 : for h from 4 to 10000000 by 2 do HX := HX - ithprime(h) + ithprime(h + 1) : if type(log[2](HX), integer) then c := c + 1 : print(2 - X + Y + LAST [2 ko] (- ithprime(h) [h th p] + ithprime(h + 1) [(h + 1) th p]) = [2]^{log[2](HX)} ... (H•E) [No = c]) : print() fi:od: print(H = h, made) : print(蛭子井博孝, FormatTime("%Y-%m-%d-(%r)")) :

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$$2_{\{1\} \text{th } p} = [2] ..(H•E) [No = 1]$$

$$2 - 3_{2\text{th } p} + 5_{3\text{th } p} = [2]^2 ..(H•E) [No = 2]$$

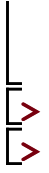
$$2 - X + Y + LAST [2 ko] (-7_{4\text{th } p} + 11_{5\text{th } p}) = [2]^3 ..(H•E) [No = 3]$$

$$2 - X + Y + LAST [2 ko] (-19_{8\text{th } p} + 23_{9\text{th } p}) = [2]^4 ..(H•E) [No = 4]$$

$$2 - X + Y + LAST [2 ko] (-53_{16\text{th } p} + 59_{17\text{th } p}) = [2]^5 ..(H•E) [No = 5]$$

$$2 - X + Y + LAST [2 ko] (-199_{46\text{th } p} + 211_{47\text{th } p}) = [2]^7 ..(H•E) [No = 6]$$

$$2 - X + Y + LAST [2 ko] (-971_{164\text{th } p} + 977_{165\text{th } p}) = [2]^9 ..(H•E) [No = 7]$$



H=7658170, made
蛭子井博孝, "2020-02-26-(07:05:41 PM)"

(2)