

> #( $p1^e + .. + pn^e = \text{prime by } H \cdot E$ )

> **for**  $e$  **from** 1 **to** 10 **do**  $c := 0 : hs := 2 : PS := \{ \} : ps := 0$  **for**  $h$  **from** 1 **to** 1000 **do**  $ps := ps + \text{ithprime}(h)^e$  **if**  $\text{isprime}(ps)$  **then**  $c := c + 1 : ps1 := [\text{sum}[\text{hs}[\{1\} \text{th } p]]^e, \text{kara}, [\text{ithprime}(h)[h \text{th } p]]^e, \text{made}, [h], \text{kono}] = (\text{evalf}(ps))[\text{prime}[c]] : PS := PS$  **union** $\{ps1\}$  **fi:od: print**( $\{e\}$  乗数、LAST, 10 例) **for**  $j$  **from** -10 **to** -1 **do**  $\text{print}(PS[j])$  **od:od:**

{1} 乗数、LAST, 10 例

$$\left[ \text{sum}_{\{1\} \text{th } p}^2, \text{kara}, [6263_{814 \text{th } p}], \text{made}, [814], \text{kono} = (2.364833 \cdot 10^6)_{\text{prime}_{67}} \right]$$

$$\left[ \text{sum}_{\{1\} \text{th } p}^2, \text{kara}, [6301_{820 \text{th } p}], \text{made}, [820], \text{kono} = (2.402537 \cdot 10^6)_{\text{prime}_{68}} \right]$$

$$\left[ \text{sum}_{\{1\} \text{th } p}^2, \text{kara}, [6427_{836 \text{th } p}], \text{made}, [836], \text{kono} = (2.504323 \cdot 10^6)_{\text{prime}_{69}} \right]$$

$$\left[ \text{sum}_{\{1\} \text{th } p}^2, \text{kara}, [6529_{844 \text{th } p}], \text{made}, [844], \text{kono} = (2.556187 \cdot 10^6)_{\text{prime}_{70}} \right]$$

$$\left[ \text{sum}_{\{1\} \text{th } p}^2, \text{kara}, [6563_{848 \text{th } p}], \text{made}, [848], \text{kono} = (2.582401 \cdot 10^6)_{\text{prime}_{71}} \right]$$

$$\left[ \text{sum}_{\{1\} \text{th } p}^2, \text{kara}, [6581_{852 \text{th } p}], \text{made}, [852], \text{kono} = (2.608699 \cdot 10^6)_{\text{prime}_{72}} \right]$$

$$\left[ \text{sum}_{\{1\} \text{th } p}^2, \text{kara}, [7243_{926 \text{th } p}], \text{made}, [926], \text{kono} = (3.120833 \cdot 10^6)_{\text{prime}_{73}} \right]$$

$$\left[ \text{sum}_{\{1\} \text{th } p}^2, \text{kara}, [7433_{942 \text{th } p}], \text{made}, [942], \text{kono} = (3.238237 \cdot 10^6)_{\text{prime}_{74}} \right]$$

$$\left[ \text{sum}_{\{1\} \text{th } p}^2, \text{kara}, [7757_{984 \text{th } p}], \text{made}, [984], \text{kono} = (3.557303 \cdot 10^6)_{\text{prime}_{75}} \right]$$

$$\left[ \text{sum}_{\{1\} \text{th } p}^2, \text{kara}, [7853_{992 \text{th } p}], \text{made}, [992], \text{kono} = (3.619807 \cdot 10^6)_{\text{prime}_{76}} \right]$$

{2} 乗数、LAST, 10 例

$$\left[ \text{sum}_{\{1\} \text{th } p}^2, \text{kara}, [6659_{858 \text{th } p}]^2, \text{made}, [858], \text{kono} = (1.149797684 \cdot 10^{10})_{\text{prime}_{36}} \right]$$

$$\left[ \text{sum}_{\{1\} \text{th } p}^2, \text{kara}, [6709_{866 \text{th } p}]^2, \text{made}, [866], \text{kono} = (1.185584022 \cdot 10^{10})_{\text{prime}_{37}} \right]$$

$$\left[ \text{sum}_{\{1\} \text{th } p}^2, \text{kara}, [6803_{876 \text{th } p}]^2, \text{made}, [876], \text{kono} = (1.231363507 \cdot 10^{10})_{\text{prime}_{38}} \right]$$

$$\left[ \text{sum}_{\{1\} \text{th } p}^2, \text{kara}, [6827_{878 \text{th } p}]^2, \text{made}, [878], \text{kono} = (1.240679633 \cdot 10^{10})_{\text{prime}_{39}} \right]$$

$$\left[ \text{sum}_{\{1\} \text{th } p}^2, \text{kara}, [6971_{896 \text{th } p}]^2, \text{made}, [896], \text{kono} = (1.326428565 \cdot 10^{10})_{\text{prime}_{40}} \right]$$

$$\left[ \text{sum}_{\{1\} \text{th } p}^2, \text{kara}, [6997_{900 \text{th } p}]^2, \text{made}, [900], \text{kono} = (1.345955856 \cdot 10^{10})_{\text{prime}_{41}} \right]$$

$$\left[ \text{sum}_{\{1\} \text{th } p}^2, \text{kara}, [7121_{912 \text{th } p}]^2, \text{made}, [912], \text{kono} = (1.405713457 \cdot 10^{10})_{\text{prime}_{42}} \right]$$

$$\left[ \text{sum}_{\{1\} \text{th } p}^2, \text{kara}, [7499_{950 \text{th } p}]^2, \text{made}, [950], \text{kono} = (1.608975089 \cdot 10^{10})_{\text{prime}_{43}} \right]$$

$$\left[ \text{sum}_{\{1\} \text{th } p}^2, \text{kara}, [7681_{974 \text{th } p}]^2, \text{made}, [974], \text{kono} = (1.747101173 \cdot 10^{10})_{\text{prime}_{44}} \right]$$

$$\left[ \text{sum}_{\left[ \begin{smallmatrix} 2 \\ \{1\} \end{smallmatrix} \right] \text{th } p}^2, \text{kara}, \left[ \begin{smallmatrix} 7879 \\ 996 \text{ th } p \end{smallmatrix} \right]^2, \text{made}, [996], \text{kono} = (1.880332046 \cdot 10^{10})_{\text{prime}_{45}} \right]$$

{3} 乗数、LAST, 10 例

$$\left[ \text{sum}_{\left[ \begin{smallmatrix} 2 \\ \{1\} \end{smallmatrix} \right] \text{th } p}^3, \text{kara}, \left[ \begin{smallmatrix} 4799 \\ 646 \text{ th } p \end{smallmatrix} \right]^3, \text{made}, [646], \text{kono} = (1.601554082 \cdot 10^{13})_{\text{prime}_{29}} \right]$$

$$\left[ \text{sum}_{\left[ \begin{smallmatrix} 2 \\ \{1\} \end{smallmatrix} \right] \text{th } p}^3, \text{kara}, \left[ \begin{smallmatrix} 5051 \\ 676 \text{ th } p \end{smallmatrix} \right]^3, \text{made}, [676], \text{kono} = (1.963340358 \cdot 10^{13})_{\text{prime}_{30}} \right]$$

$$\left[ \text{sum}_{\left[ \begin{smallmatrix} 2 \\ \{1\} \end{smallmatrix} \right] \text{th } p}^3, \text{kara}, \left[ \begin{smallmatrix} 5471 \\ 722 \text{ th } p \end{smallmatrix} \right]^3, \text{made}, [722], \text{kono} = (2.637801027 \cdot 10^{13})_{\text{prime}_{31}} \right]$$

$$\left[ \text{sum}_{\left[ \begin{smallmatrix} 2 \\ \{1\} \end{smallmatrix} \right] \text{th } p}^3, \text{kara}, \left[ \begin{smallmatrix} 5683 \\ 748 \text{ th } p \end{smallmatrix} \right]^3, \text{made}, [748], \text{kono} = (3.089011863 \cdot 10^{13})_{\text{prime}_{32}} \right]$$

$$\left[ \text{sum}_{\left[ \begin{smallmatrix} 2 \\ \{1\} \end{smallmatrix} \right] \text{th } p}^3, \text{kara}, \left[ \begin{smallmatrix} 5849 \\ 768 \text{ th } p \end{smallmatrix} \right]^3, \text{made}, [768], \text{kono} = (3.473644451 \cdot 10^{13})_{\text{prime}_{33}} \right]$$

$$\left[ \text{sum}_{\left[ \begin{smallmatrix} 2 \\ \{1\} \end{smallmatrix} \right] \text{th } p}^3, \text{kara}, \left[ \begin{smallmatrix} 5897 \\ 776 \text{ th } p \end{smallmatrix} \right]^3, \text{made}, [776], \text{kono} = (3.635477462 \cdot 10^{13})_{\text{prime}_{34}} \right]$$

$$\left[ \text{sum}_{\left[ \begin{smallmatrix} 2 \\ \{1\} \end{smallmatrix} \right] \text{th } p}^3, \text{kara}, \left[ \begin{smallmatrix} 5981 \\ 782 \text{ th } p \end{smallmatrix} \right]^3, \text{made}, [782], \text{kono} = (3.761086577 \cdot 10^{13})_{\text{prime}_{35}} \right]$$

$$\left[ \text{sum}_{\left[ \begin{smallmatrix} 2 \\ \{1\} \end{smallmatrix} \right] \text{th } p}^3, \text{kara}, \left[ \begin{smallmatrix} 6073 \\ 792 \text{ th } p \end{smallmatrix} \right]^3, \text{made}, [792], \text{kono} = (3.980944508 \cdot 10^{13})_{\text{prime}_{36}} \right]$$

$$\left[ \text{sum}_{\left[ \begin{smallmatrix} 2 \\ \{1\} \end{smallmatrix} \right] \text{th } p}^3, \text{kara}, \left[ \begin{smallmatrix} 6451 \\ 838 \text{ th } p \end{smallmatrix} \right]^3, \text{made}, [838], \text{kono} = (5.112253477 \cdot 10^{13})_{\text{prime}_{37}} \right]$$

$$\left[ \text{sum}_{\left[ \begin{smallmatrix} 2 \\ \{1\} \end{smallmatrix} \right] \text{th } p}^3, \text{kara}, \left[ \begin{smallmatrix} 7013 \\ 902 \text{ th } p \end{smallmatrix} \right]^3, \text{made}, [902], \text{kono} = (7.087437658 \cdot 10^{13})_{\text{prime}_{38}} \right]$$

{4} 乗数、LAST, 10 例

$$\left[ \text{sum}_{\left[ \begin{smallmatrix} 2 \\ \{1\} \end{smallmatrix} \right] \text{th } p}^4, \text{kara}, \left[ \begin{smallmatrix} 4831 \\ 650 \text{ th } p \end{smallmatrix} \right]^4, \text{made}, [650], \text{kono} = (6.328478553 \cdot 10^{16})_{\text{prime}_{24}} \right]$$

$$\left[ \text{sum}_{\left[ \begin{smallmatrix} 2 \\ \{1\} \end{smallmatrix} \right] \text{th } p}^4, \text{kara}, \left[ \begin{smallmatrix} 5261 \\ 698 \text{ th } p \end{smallmatrix} \right]^4, \text{made}, [698], \text{kono} = (9.458218820 \cdot 10^{16})_{\text{prime}_{25}} \right]$$

$$\left[ \text{sum}_{\left[ \begin{smallmatrix} 2 \\ \{1\} \end{smallmatrix} \right] \text{th } p}^4, \text{kara}, \left[ \begin{smallmatrix} 6221 \\ 810 \text{ th } p \end{smallmatrix} \right]^4, \text{made}, [810], \text{kono} = (2.180207564 \cdot 10^{17})_{\text{prime}_{26}} \right]$$

$$\left[ \text{sum}_{\left[ \begin{smallmatrix} 2 \\ \{1\} \end{smallmatrix} \right] \text{th } p}^4, \text{kara}, \left[ \begin{smallmatrix} 6563 \\ 848 \text{ th } p \end{smallmatrix} \right]^4, \text{made}, [848], \text{kono} = (2.811983510 \cdot 10^{17})_{\text{prime}_{27}} \right]$$

$$\left[ \text{sum}_{\left[ \begin{smallmatrix} 2 \\ \{1\} \end{smallmatrix} \right] \text{th } p}^4, \text{kara}, \left[ \begin{smallmatrix} 6907 \\ 888 \text{ th } p \end{smallmatrix} \right]^4, \text{made}, [888], \text{kono} = (3.637808307 \cdot 10^{17})_{\text{prime}_{28}} \right]$$

$$\left[ \text{sum}_{\left[ \begin{smallmatrix} 2 \\ \{1\} \end{smallmatrix} \right] \text{th } p}^4, \text{kara}, \left[ \begin{smallmatrix} 7129 \\ 914 \text{ th } p \end{smallmatrix} \right]^4, \text{made}, [914], \text{kono} = (4.268802237 \cdot 10^{17})_{\text{prime}_{29}} \right]$$

$$\left[ \text{sum}_{\left[ \begin{smallmatrix} 2 \\ \{1\} \end{smallmatrix} \right] \text{th } p}^4, \text{kara}, \left[ \begin{smallmatrix} 7207 \\ 920 \text{ th } p \end{smallmatrix} \right]^4, \text{made}, [920], \text{kono} = (4.428179317 \cdot 10^{17})_{\text{prime}_{30}} \right]$$

$$\left[ \text{sum}_{\left[ \begin{smallmatrix} 2 \\ \{1\} \end{smallmatrix} \right] \text{th } p}^4, \text{kara}, \left[ \begin{smallmatrix} 7297 \\ 930 \text{ th } p \end{smallmatrix} \right]^4, \text{made}, [930], \text{kono} = (4.703449103 \cdot 10^{17})_{\text{prime}_{31}} \right]$$

$$\left[ \text{sum}_{\left[ \begin{smallmatrix} 2 \\ \{1\} \end{smallmatrix} \right] \text{th } p}^4, \text{kara}, \left[ \begin{smallmatrix} 7621 \\ 968 \text{ th } p \end{smallmatrix} \right]^4, \text{made}, [968], \text{kono} = (5.894104858 \cdot 10^{17})_{\text{prime}_{32}} \right]$$

$$\left[ \text{sum}_{\left[ \begin{smallmatrix} 2 \\ \{1\} \end{smallmatrix} \right] \text{th } p}^4, \text{kara}, \left[ \begin{smallmatrix} 7829 \\ 990 \text{ th } p \end{smallmatrix} \right]^4, \text{made}, [990], \text{kono} = (6.678045185 \cdot 10^{17})_{\text{prime}_{33}} \right]$$

{5} 乗数、LAST, 10 例

$$\begin{aligned} & \left[ \text{sum}_{\left[ \begin{smallmatrix} 2 \\ \{1\} \end{smallmatrix} \right] th p}^5, \text{kara}, \left[ \begin{smallmatrix} 3079 \\ 440 \end{smallmatrix} \right] th p}^5, \text{made}, [440], \text{kono} = (1.787505536 \cdot 10^{19})_{\text{prime}_{12}} \right] \\ & \left[ \text{sum}_{\left[ \begin{smallmatrix} 2 \\ \{1\} \end{smallmatrix} \right] th p}^5, \text{kara}, \left[ \begin{smallmatrix} 3697 \\ 516 \end{smallmatrix} \right] th p}^5, \text{made}, [516], \text{kono} = (5.350889757 \cdot 10^{19})_{\text{prime}_{13}} \right] \\ & \left[ \text{sum}_{\left[ \begin{smallmatrix} 2 \\ \{1\} \end{smallmatrix} \right] th p}^5, \text{kara}, \left[ \begin{smallmatrix} 3863 \\ 536 \end{smallmatrix} \right] th p}^5, \text{made}, [536], \text{kono} = (6.906095624 \cdot 10^{19})_{\text{prime}_{14}} \right] \\ & \left[ \text{sum}_{\left[ \begin{smallmatrix} 2 \\ \{1\} \end{smallmatrix} \right] th p}^5, \text{kara}, \left[ \begin{smallmatrix} 4547 \\ 616 \end{smallmatrix} \right] th p}^5, \text{made}, [616], \text{kono} = (1.762399751 \cdot 10^{20})_{\text{prime}_{15}} \right] \\ & \left[ \text{sum}_{\left[ \begin{smallmatrix} 2 \\ \{1\} \end{smallmatrix} \right] th p}^5, \text{kara}, \left[ \begin{smallmatrix} 4621 \\ 624 \end{smallmatrix} \right] th p}^5, \text{made}, [624], \text{kono} = (1.924362879 \cdot 10^{20})_{\text{prime}_{16}} \right] \\ & \left[ \text{sum}_{\left[ \begin{smallmatrix} 2 \\ \{1\} \end{smallmatrix} \right] th p}^5, \text{kara}, \left[ \begin{smallmatrix} 5479 \\ 724 \end{smallmatrix} \right] th p}^5, \text{made}, [724], \text{kono} = (5.298988240 \cdot 10^{20})_{\text{prime}_{17}} \right] \\ & \left[ \text{sum}_{\left[ \begin{smallmatrix} 2 \\ \{1\} \end{smallmatrix} \right] th p}^5, \text{kara}, \left[ \begin{smallmatrix} 5653 \\ 744 \end{smallmatrix} \right] th p}^5, \text{made}, [744], \text{kono} = (6.371372122 \cdot 10^{20})_{\text{prime}_{18}} \right] \\ & \left[ \text{sum}_{\left[ \begin{smallmatrix} 2 \\ \{1\} \end{smallmatrix} \right] th p}^5, \text{kara}, \left[ \begin{smallmatrix} 5879 \\ 774 \end{smallmatrix} \right] th p}^5, \text{made}, [774], \text{kono} = (8.303235318 \cdot 10^{20})_{\text{prime}_{19}} \right] \\ & \left[ \text{sum}_{\left[ \begin{smallmatrix} 2 \\ \{1\} \end{smallmatrix} \right] th p}^5, \text{kara}, \left[ \begin{smallmatrix} 6427 \\ 836 \end{smallmatrix} \right] th p}^5, \text{made}, [836], \text{kono} = (1.391255720 \cdot 10^{21})_{\text{prime}_{20}} \right] \\ & \left[ \text{sum}_{\left[ \begin{smallmatrix} 2 \\ \{1\} \end{smallmatrix} \right] th p}^5, \text{kara}, \left[ \begin{smallmatrix} 7411 \\ 940 \end{smallmatrix} \right] th p}^5, \text{made}, [940], \text{kono} = (3.059172794 \cdot 10^{21})_{\text{prime}_{21}} \right] \end{aligned}$$

{6} 乗数、LAST, 10 例

$$\begin{aligned} & \left[ \text{sum}_{\left[ \begin{smallmatrix} 2 \\ \{1\} \end{smallmatrix} \right] th p}^6, \text{kara}, \left[ \begin{smallmatrix} 4219 \\ 578 \end{smallmatrix} \right] th p}^6, \text{made}, [578], \text{kono} = (4.135435592 \cdot 10^{23})_{\text{prime}_{18}} \right] \\ & \left[ \text{sum}_{\left[ \begin{smallmatrix} 2 \\ \{1\} \end{smallmatrix} \right] th p}^6, \text{kara}, \left[ \begin{smallmatrix} 4297 \\ 590 \end{smallmatrix} \right] th p}^6, \text{made}, [590], \text{kono} = (4.853748668 \cdot 10^{23})_{\text{prime}_{19}} \right] \\ & \left[ \text{sum}_{\left[ \begin{smallmatrix} 2 \\ \{1\} \end{smallmatrix} \right] th p}^6, \text{kara}, \left[ \begin{smallmatrix} 4561 \\ 618 \end{smallmatrix} \right] th p}^6, \text{made}, [618], \text{kono} = (7.019240947 \cdot 10^{23})_{\text{prime}_{20}} \right] \\ & \left[ \text{sum}_{\left[ \begin{smallmatrix} 2 \\ \{1\} \end{smallmatrix} \right] th p}^6, \text{kara}, \left[ \begin{smallmatrix} 4673 \\ 632 \end{smallmatrix} \right] th p}^6, \text{made}, [632], \text{kono} = (8.393510545 \cdot 10^{23})_{\text{prime}_{21}} \right] \\ & \left[ \text{sum}_{\left[ \begin{smallmatrix} 2 \\ \{1\} \end{smallmatrix} \right] th p}^6, \text{kara}, \left[ \begin{smallmatrix} 5113 \\ 684 \end{smallmatrix} \right] th p}^6, \text{made}, [684], \text{kono} = (1.575730890 \cdot 10^{24})_{\text{prime}_{22}} \right] \\ & \left[ \text{sum}_{\left[ \begin{smallmatrix} 2 \\ \{1\} \end{smallmatrix} \right] th p}^6, \text{kara}, \left[ \begin{smallmatrix} 5147 \\ 686 \end{smallmatrix} \right] th p}^6, \text{made}, [686], \text{kono} = (1.612316141 \cdot 10^{24})_{\text{prime}_{23}} \right] \\ & \left[ \text{sum}_{\left[ \begin{smallmatrix} 2 \\ \{1\} \end{smallmatrix} \right] th p}^6, \text{kara}, \left[ \begin{smallmatrix} 5261 \\ 698 \end{smallmatrix} \right] th p}^6, \text{made}, [698], \text{kono} = (1.850934707 \cdot 10^{24})_{\text{prime}_{24}} \right] \\ & \left[ \text{sum}_{\left[ \begin{smallmatrix} 2 \\ \{1\} \end{smallmatrix} \right] th p}^6, \text{kara}, \left[ \begin{smallmatrix} 5443 \\ 720 \end{smallmatrix} \right] th p}^6, \text{made}, [720], \text{kono} = (2.377344515 \cdot 10^{24})_{\text{prime}_{25}} \right] \\ & \left[ \text{sum}_{\left[ \begin{smallmatrix} 2 \\ \{1\} \end{smallmatrix} \right] th p}^6, \text{kara}, \left[ \begin{smallmatrix} 5507 \\ 728 \end{smallmatrix} \right] th p}^6, \text{made}, [728], \text{kono} = (2.594928752 \cdot 10^{24})_{\text{prime}_{26}} \right] \\ & \left[ \text{sum}_{\left[ \begin{smallmatrix} 2 \\ \{1\} \end{smallmatrix} \right] th p}^6, \text{kara}, \left[ \begin{smallmatrix} 7879 \\ 996 \end{smallmatrix} \right] th p}^6, \text{made}, [996], \text{kono} = (3.049044251 \cdot 10^{25})_{\text{prime}_{27}} \right] \end{aligned}$$

{7} 乗数、LAST, 10 例

$$\left[ \text{sum}_{\left[ \begin{smallmatrix} 2 \\ \{1\} \end{smallmatrix} \right] \text{th } p}^7, \text{kara}, \left[ \begin{smallmatrix} 3907 \\ 540 \text{ th } p \end{smallmatrix} \right]^7, \text{made}, [540], \text{kono} = (8.276586075 \cdot 10^{26})_{\text{prime}_{19}} \right]$$

$$\left[ \text{sum}_{\left[ \begin{smallmatrix} 2 \\ \{1\} \end{smallmatrix} \right] \text{th } p}^7, \text{kara}, \left[ \begin{smallmatrix} 3989 \\ 550 \text{ th } p \end{smallmatrix} \right]^7, \text{made}, [550], \text{kono} = (9.745322095 \cdot 10^{26})_{\text{prime}_{20}} \right]$$

$$\left[ \text{sum}_{\left[ \begin{smallmatrix} 2 \\ \{1\} \end{smallmatrix} \right] \text{th } p}^7, \text{kara}, \left[ \begin{smallmatrix} 4231 \\ 580 \text{ th } p \end{smallmatrix} \right]^7, \text{made}, [580], \text{kono} = (1.572067074 \cdot 10^{27})_{\text{prime}_{21}} \right]$$

$$\left[ \text{sum}_{\left[ \begin{smallmatrix} 2 \\ \{1\} \end{smallmatrix} \right] \text{th } p}^7, \text{kara}, \left[ \begin{smallmatrix} 4561 \\ 618 \text{ th } p \end{smallmatrix} \right]^7, \text{made}, [618], \text{kono} = (2.793542962 \cdot 10^{27})_{\text{prime}_{22}} \right]$$

$$\left[ \text{sum}_{\left[ \begin{smallmatrix} 2 \\ \{1\} \end{smallmatrix} \right] \text{th } p}^7, \text{kara}, \left[ \begin{smallmatrix} 5233 \\ 696 \text{ th } p \end{smallmatrix} \right]^7, \text{made}, [696], \text{kono} = (8.270189274 \cdot 10^{27})_{\text{prime}_{23}} \right]$$

$$\left[ \text{sum}_{\left[ \begin{smallmatrix} 2 \\ \{1\} \end{smallmatrix} \right] \text{th } p}^7, \text{kara}, \left[ \begin{smallmatrix} 5399 \\ 712 \text{ th } p \end{smallmatrix} \right]^7, \text{made}, [712], \text{kono} = (1.020878321 \cdot 10^{28})_{\text{prime}_{24}} \right]$$

$$\left[ \text{sum}_{\left[ \begin{smallmatrix} 2 \\ \{1\} \end{smallmatrix} \right] \text{th } p}^7, \text{kara}, \left[ \begin{smallmatrix} 6043 \\ 788 \text{ th } p \end{smallmatrix} \right]^7, \text{made}, [788], \text{kono} = (2.545830145 \cdot 10^{28})_{\text{prime}_{25}} \right]$$

$$\left[ \text{sum}_{\left[ \begin{smallmatrix} 2 \\ \{1\} \end{smallmatrix} \right] \text{th } p}^7, \text{kara}, \left[ \begin{smallmatrix} 6359 \\ 828 \text{ th } p \end{smallmatrix} \right]^7, \text{made}, [828], \text{kono} = (3.975242304 \cdot 10^{28})_{\text{prime}_{26}} \right]$$

$$\left[ \text{sum}_{\left[ \begin{smallmatrix} 2 \\ \{1\} \end{smallmatrix} \right] \text{th } p}^7, \text{kara}, \left[ \begin{smallmatrix} 6451 \\ 838 \text{ th } p \end{smallmatrix} \right]^7, \text{made}, [838], \text{kono} = (4.415948659 \cdot 10^{28})_{\text{prime}_{27}} \right]$$

$$\left[ \text{sum}_{\left[ \begin{smallmatrix} 2 \\ \{1\} \end{smallmatrix} \right] \text{th } p}^7, \text{kara}, \left[ \begin{smallmatrix} 7069 \\ 908 \text{ th } p \end{smallmatrix} \right]^7, \text{made}, [908], \text{kono} = (9.082943741 \cdot 10^{28})_{\text{prime}_{28}} \right]$$

{8} 乗数、LAST, 10 例

$$\left[ \text{sum}_{\left[ \begin{smallmatrix} 2 \\ \{1\} \end{smallmatrix} \right] \text{th } p}^8, \text{kara}, \left[ \begin{smallmatrix} 3917 \\ 542 \text{ th } p \end{smallmatrix} \right]^8, \text{made}, [542], \text{kono} = (2.979759681 \cdot 10^{30})_{\text{prime}_{11}} \right]$$

$$\left[ \text{sum}_{\left[ \begin{smallmatrix} 2 \\ \{1\} \end{smallmatrix} \right] \text{th } p}^8, \text{kara}, \left[ \begin{smallmatrix} 4013 \\ 554 \text{ th } p \end{smallmatrix} \right]^8, \text{made}, [554], \text{kono} = (3.713394606 \cdot 10^{30})_{\text{prime}_{12}} \right]$$

$$\left[ \text{sum}_{\left[ \begin{smallmatrix} 2 \\ \{1\} \end{smallmatrix} \right] \text{th } p}^8, \text{kara}, \left[ \begin{smallmatrix} 4513 \\ 612 \text{ th } p \end{smallmatrix} \right]^8, \text{made}, [612], \text{kono} = (1.022372962 \cdot 10^{31})_{\text{prime}_{13}} \right]$$

$$\left[ \text{sum}_{\left[ \begin{smallmatrix} 2 \\ \{1\} \end{smallmatrix} \right] \text{th } p}^8, \text{kara}, \left[ \begin{smallmatrix} 4783 \\ 642 \text{ th } p \end{smallmatrix} \right]^8, \text{made}, [642], \text{kono} = (1.673954483 \cdot 10^{31})_{\text{prime}_{14}} \right]$$

$$\left[ \text{sum}_{\left[ \begin{smallmatrix} 2 \\ \{1\} \end{smallmatrix} \right] \text{th } p}^8, \text{kara}, \left[ \begin{smallmatrix} 5413 \\ 714 \text{ th } p \end{smallmatrix} \right]^8, \text{made}, [714], \text{kono} = (5.022016440 \cdot 10^{31})_{\text{prime}_{15}} \right]$$

$$\left[ \text{sum}_{\left[ \begin{smallmatrix} 2 \\ \{1\} \end{smallmatrix} \right] \text{th } p}^8, \text{kara}, \left[ \begin{smallmatrix} 5879 \\ 774 \text{ th } p \end{smallmatrix} \right]^8, \text{made}, [774], \text{kono} = (1.138509543 \cdot 10^{32})_{\text{prime}_{16}} \right]$$

$$\left[ \text{sum}_{\left[ \begin{smallmatrix} 2 \\ \{1\} \end{smallmatrix} \right] \text{th } p}^8, \text{kara}, \left[ \begin{smallmatrix} 6367 \\ 830 \text{ th } p \end{smallmatrix} \right]^8, \text{made}, [830], \text{kono} = (2.306285954 \cdot 10^{32})_{\text{prime}_{17}} \right]$$

$$\left[ \text{sum}_{\left[ \begin{smallmatrix} 2 \\ \{1\} \end{smallmatrix} \right] \text{th } p}^8, \text{kara}, \left[ \begin{smallmatrix} 6701 \\ 864 \text{ th } p \end{smallmatrix} \right]^8, \text{made}, [864], \text{kono} = (3.462591487 \cdot 10^{32})_{\text{prime}_{18}} \right]$$

$$\left[ \text{sum}_{\left[ \begin{smallmatrix} 2 \\ \{1\} \end{smallmatrix} \right] \text{th } p}^8, \text{kara}, \left[ \begin{smallmatrix} 7121 \\ 912 \text{ th } p \end{smallmatrix} \right]^8, \text{made}, [912], \text{kono} = (5.971681253 \cdot 10^{32})_{\text{prime}_{19}} \right]$$

$$\left[ \text{sum}_{\left[ \begin{smallmatrix} 2 \\ \{1\} \end{smallmatrix} \right] \text{th } p}^8, \text{kara}, \left[ \begin{smallmatrix} 7703 \\ 978 \text{ th } p \end{smallmatrix} \right]^8, \text{made}, [978], \text{kono} = (1.222846157 \cdot 10^{33})_{\text{prime}_{20}} \right]$$

{9} 乗数、LAST, 10 例

$$\left[ \text{sum}_{\left[ \begin{smallmatrix} 2 \\ \{1\} \end{smallmatrix} \right] \text{th } p}^9, \text{kara}, \left[ \begin{smallmatrix} 839 \\ 146 \text{ th } p \end{smallmatrix} \right]^9, \text{made}, [146], \text{kono} = (2.707299500 \cdot 10^{27})_{\text{prime}_2} \right]$$

$$\left[ \text{sum}_{\left[ \begin{smallmatrix} 2 \\ \{1\} \text{ th } p \end{smallmatrix} \right]^9, \text{kara}, \left[ \begin{smallmatrix} 1997 \\ 302 \text{ th } p \end{smallmatrix} \right]^9, \text{made}, [302], \text{kono}} = (1.281491450 \cdot 10^{31})_{\text{prime}_3} \right]$$

$$\left[ \text{sum}_{\left[ \begin{smallmatrix} 2 \\ \{1\} \text{ th } p \end{smallmatrix} \right]^9, \text{kara}, \left[ \begin{smallmatrix} 3119 \\ 444 \text{ th } p \end{smallmatrix} \right]^9, \text{made}, [444], \text{kono}} = (1.056579436 \cdot 10^{33})_{\text{prime}_4} \right]$$

$$\left[ \text{sum}_{\left[ \begin{smallmatrix} 2 \\ \{1\} \text{ th } p \end{smallmatrix} \right]^9, \text{kara}, \left[ \begin{smallmatrix} 3137 \\ 446 \text{ th } p \end{smallmatrix} \right]^9, \text{made}, [446], \text{kono}} = (1.114094586 \cdot 10^{33})_{\text{prime}_5} \right]$$

$$\left[ \text{sum}_{\left[ \begin{smallmatrix} 2 \\ \{1\} \text{ th } p \end{smallmatrix} \right]^9, \text{kara}, \left[ \begin{smallmatrix} 4111 \\ 566 \text{ th } p \end{smallmatrix} \right]^9, \text{made}, [566], \text{kono}} = (1.705378116 \cdot 10^{34})_{\text{prime}_6} \right]$$

$$\left[ \text{sum}_{\left[ \begin{smallmatrix} 2 \\ \{1\} \text{ th } p \end{smallmatrix} \right]^9, \text{kara}, \left[ \begin{smallmatrix} 5443 \\ 720 \text{ th } p \end{smallmatrix} \right]^9, \text{made}, [720], \text{kono}} = (2.684765012 \cdot 10^{35})_{\text{prime}_7} \right]$$

$$\left[ \text{sum}_{\left[ \begin{smallmatrix} 2 \\ \{1\} \text{ th } p \end{smallmatrix} \right]^9, \text{kara}, \left[ \begin{smallmatrix} 5659 \\ 746 \text{ th } p \end{smallmatrix} \right]^9, \text{made}, [746], \text{kono}} = (4.012889322 \cdot 10^{35})_{\text{prime}_8} \right]$$

$$\left[ \text{sum}_{\left[ \begin{smallmatrix} 2 \\ \{1\} \text{ th } p \end{smallmatrix} \right]^9, \text{kara}, \left[ \begin{smallmatrix} 5923 \\ 778 \text{ th } p \end{smallmatrix} \right]^9, \text{made}, [778], \text{kono}} = (6.399952822 \cdot 10^{35})_{\text{prime}_9} \right]$$

$$\left[ \text{sum}_{\left[ \begin{smallmatrix} 2 \\ \{1\} \text{ th } p \end{smallmatrix} \right]^9, \text{kara}, \left[ \begin{smallmatrix} 6571 \\ 850 \text{ th } p \end{smallmatrix} \right]^9, \text{made}, [850], \text{kono}} = (1.731298876 \cdot 10^{36})_{\text{prime}_{10}} \right]$$

$$\left[ \text{sum}_{\left[ \begin{smallmatrix} 2 \\ \{1\} \text{ th } p \end{smallmatrix} \right]^9, \text{kara}, \left[ \begin{smallmatrix} 6659 \\ 858 \text{ th } p \end{smallmatrix} \right]^9, \text{made}, [858], \text{kono}} = (1.925856325 \cdot 10^{36})_{\text{prime}_{11}} \right]$$

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