

Complete List of Base-12 PPDIs

In what follows, PPDIs are shown in base 12, followed by the corresponding values in decimal notation. Base-12 numerals are represented by decimal values in brackets. This scheme is both more perspicuous and more general than employing alphabetic characters to represent numerals whose value is larger than 9.

Base-12, Order-1 PPDIs (12)

[0]₁₂

0₁₀

[1]₁₂

1₁₀

[2]₁₂

2₁₀

[3]₁₂

3₁₀

[4]₁₂

4₁₀

[5]₁₂

5₁₀

[6]₁₂

6₁₀

[7]₁₂

7₁₀

$$[8]_{12}$$
$$8_{10}$$

$$[9]_{12}$$
$$9_{10}$$

$$[10]_{12}$$
$$10_{10}$$

$$[11]_{12}$$
$$11_{10}$$

Base-12, Order-2 PPDIs (2)

$$[2][5]_{12}$$
$$29_{10}$$

$$[10][5]_{12}$$
$$125_{10}$$

Base-12, Order-3 PPDIs (3)

$$[5][7][7]_{12}$$
$$811_{10}$$

$$[6][6][8]_{12}$$
$$944_{10}$$

$$[10][8][3]_{12}$$
$$1,539_{10}$$

Base-12, Order-4 PPDIs (0)

None

Base-12, Order-5 PPDIs (2)

[1][4][7][6][5]₁₂
28,733₁₀

[9][3][8][10][4]₁₂
193,084₁₀

Base-12, Order-6 PPDIs (2)

[3][6][9][8][6][2]₁₂
887,690₁₀

[10][2][3][9][4][10]₁₂
2,536,330₁₀

Base-12, Order-7 PPDIs (2)

[2][3][8][0][2][9][3]₁₂
6,884,751₁₀

[5][8][9][5][5][10][3]₁₂
17,116,683₁₀

Base-12, Order-8 PPDIs (0)

None

Base-12, Order-9 PPDIs (1)

$[11][11][7][3][3][2][2][9][5]_{12}$
 $5,145,662,993_{10}$

Base-12, Order-10 PPDIs (2)

$[4][10][2][4][1][8][9][9][9][9]_{12}$
 $25,022,977,605_{10}$

$[7][9][0][0][3][11][3][0][7][10]_{12}$
 $39,989,277,598_{10}$

Base-12, Order-11 PPDIs (9)

$[4][9][0][3][10][1][5][10][9][9][5]_{12}$
 $294,245,206,529_{10}$

$[4][10][4][4][6][5][6][1][10][10][6]_{12}$
 $301,149,802,206_{10}$

$[6][4][5][0][8][2][0][2][11][10][3]_{12}$
 $394,317,605,931_{10}$

[6][11][3][2][8][7][5][7][9][2][10]₁₂
 429,649,124,722₁₀

[7][2][7][0][9][8][6][8][11][8][10]₁₂
 446,779,986,586₁₀

[11][5][10][6][5][8][6][11][0][4][9]₁₂
 711,421,780,089₁₀

[11][7][9][2][3][8][10][3][8][11][3]₁₂
 721,162,130,247₁₀

[11][10][7][0][9][0][9][11][0][3][6]₁₂
 735,725,761,386₁₀

[11][10][7][5][8][4][10][9][10][10][8]₁₂
 735,902,948,576₁₀

Base-12, Order-12 PPDIs (0)

None

Base-12, Order-13 PPDIs (1)

[7][11][3][8][11][6][0][8][4][6][8][0][3]₁₂
 70,817,772,425,475₁₀

Base-12, Order-14 PPDIs (2)

$[4][0][2][9][8][2][6][6][3][9][1][1][1][11]_{12}$
 $430,058,466,583,655_{10}$

$[7][2][4][1][0][6][6][8][7][11][5][8][5][11]_{12}$
 $769,821,410,145,671_{10}$

Base-12, Order-15 PPDIs (3)

$[7][5][9][3][11][3][7][0][3][10][8][11][3][4][6]_{12}$
 $9,605,568,799,734,822_{10}$

$[8][3][1][5][10][3][11][9][11][7][10][7][6][5][2]_{12}$
 $10,605,598,214,906,078_{10}$

$[11][4][6][3][8][7][0][4][0][2][10][11][10][8][11]_{12}$
 $14,607,333,160,784,459_{10}$

Base-12, Order-16 PPDIs (2)

$[1][1][6][9][2][9][3][9][9][2][5][2][1][5][10][3]_{12}$
 $17,415,207,127,386,123_{10}$

$[6][9][6][3][7][8][8][4][4][3][11][11][6][10][8][7]_{12}$
 $104,671,842,713,017,735_{10}$

Base-12, Order-17 PPDIs (0)

None

Base-12, Order-18 PPDIs (0)

None

Base-12, Order-19 PPDIs (1)

[7][1][2][6][3][1][9][9][11][4][8][7][9][11][2][9][11][4][3]₁₂
 189,048,201,106,203,605,283₁₀

Base-12, Order-20 PPDIs (4)

[2][6][5][3][2][1][0][5][9][3][5][9][0][1][0][9][4][10][8][11]₁₂
 810,379,856,181,559,921,163₁₀

[6][4][3][8][9][6][3][7][3][11][6][3][1][3][2][11][11][6][1][0]₁₂
 2,031,654,989,778,348,265,644₁₀

[6][4][3][8][9][6][3][7][3][11][6][3][1][3][2][11][11][6][1][1]₁₂
 2,031,654,989,778,348,265,645₁₀

[9][1][11][6][11][10][3][7][11][5][11][2][3][9][5][9][0][7][10][6]₁₂
 2,927,640,063,698,724,071,790₁₀

Base-12, Order-21 PPDIs (10)

[2][0][6][9][11][9][4][8][1][5][0][7][4][9][2][3][7][7][7][1][9]₁₂
7,849,405,878,871,753,600,581₁₀

[2][6][2][0][2][9][3][5][3][9][10][2][1][8][6][7][3][8][6][10][11]₁₂
9,638,159,500,179,446,440,163₁₀

[2][8][7][0][5][0][7][4][3][6][10][3][6][4][10][1][5][10][11][6][2]₁₂
10,410,657,181,366,436,907,770₁₀

[3][0][9][6][10][11][0][8][9][2][10][8][2][0][9][1][6][2][10][8][10]₁₂
11,756,220,901,675,008,906,634₁₀

[4][5][7][9][1][10][8][1][9][2][9][6][11][1][2][11][2][7][10][5][3]₁₂
17,139,120,214,709,348,563,743₁₀

[6][1][0][3][5][11][7][11][6][5][6][8][4][3][7][5][4][9][8][11][10]₁₂
23,329,799,907,888,278,254,030₁₀

[6][4][5][11][3][5][3][9][10][0][7][11][10][3][6][0][8][8][0][11][9]₁₂
24,438,637,932,980,322,590,349₁₀

[8][3][7][7][1][11][9][11][0][1][6][7][3][10][11][1][10][11][9][6][4]₁₂
31,830,780,643,245,017,724,316₁₀

[9][11][4][10][4][2][11][11][8][8][5][5][2][11][8][0][11][3][3][6][8]₁₂
38,147,585,098,011,706,675,520₁₀

[11][7][3][11][3][5][9][7][2][3][11][11][11][6][4][1][2][6][11][2][7]₁₂
44,512,638,647,440,595,639,503₁₀

Base-12, Order-22 PPDIs (2)

$[2][0][11][4][4][6][10][4][2][9][9][7][8][1][8][8][9][8][6][3][9][5]_{12}$
 $95,641,156,402,203,564,990,113]_{10}$

$[2][2][5][5][3][1][10][5][4][3][7][6][6][6][10][7][7][6][5][6][6][11]_{12}$
 $101,415,278,134,606,684,295,027]_{10}$

Base-12, Order-23 PPDIs (0)

None

Base-12, Order-24 PPDIs (1)

$[3][5][8][6][9][4][4][11][10][7][4][7][11][9][2][0][10][3][9][9][8][7][10][4]_{12}$
 $23,028,555,399,695,041,098,248,044]_{10}$

Base-12, Order-25 PPDIs (0)

None

Base-12, Order-26 PPDIs (1)

$[2][6][0][0][5][5][4][5][3][11][8][3][5][3][8][11][5][7][4][4][3][4][8][8][8][4]_{12}$
 $2,385,156,030,355,134,761,312,264,932]_{10}$

Base-12, Order-27 PPDIs (0)

None

Base-12, Order-28 PPDIs (2)

[2][2][1][11][3][3][5][1][3][8][3][10][6][9][2][4][11][5][4][1][7][1][5][6][5][0][6][9]₁₂
 299,486,388,850,686,029,985,509,463,057₁₀

[3][3][7][8][3][9][4][0][6][8][8][0][11][8][5][3][2][8][11][9][3][6][3][1][10][8][11][10]₁₂
 453,793,032,769,981,499,097,499,213,198₁₀

Base-12, Order-29 PPDIs (0)

None

Base-12, Order-30 PPDIs (0)

None

Base-12, Order-31 PPDIs (7)

[2][5][7][7][8][0][3][11][8][9][5][0][3][8][3][3][0][11][3][5][11][3][2][7][8][5][3][0][6][10][7]₁₂
 586,252,041,825,583,633,036,520,192,586,463₁₀

[2][5][8][9][4][11][2][9][2][9][7][2][7][8][3][5][9][9][4][7][0][1][11][10][5][3][1][7][9][11][6]₁₂
 588,139,836,902,692,403,520,861,831,838,170₁₀

[2][6][7][11][10][8][2][4][8][11][5][11][0][6][1][6][9][5][2][1][2][1][2][2][0][10][1][9][4][10][5]₁₂
606,613,284,531,525,551,070,385,184,311,421₁₀

[3][3][10][6][11][11][1][9][2][4][6][6][1][4][1][2][6][11][3][2][10][3][4][5][9][5][11][2][9][2][3]₁₂
788,918,266,419,533,896,701,661,690,616,235₁₀

[3][4][10][5][11][5][3][11][10][3][1][5][4][11][8][5][10][9][7][6][8][2][9][5][6][2][2][11][10][0][3]₁₂
808,556,708,172,145,741,466,973,806,045,667₁₀

[4][11][9][6][5][7][10][11][0][11][4][6][0][9][8][1][4][2][0][8][0][11][11][10][9][4][3][7][10][11][0]₁₂
1,182,825,236,268,888,453,179,405,554,215,012₁₀

[4][11][9][6][5][7][10][11][0][11][4][6][0][9][8][1][4][2][0][8][0][11][11][10][9][4][3][7][10][11][1]₁₂
1,182,825,236,268,888,453,179,405,554,215,013₁₀

Base-12, Order-32 PPDIs (0)

None

Base-12, Order-33 PPDIs (0)

None

Base-12, Order-34 PPDIs (2)

[1][11][10][9][9][7][2][3][6][1][3][6][10][11][0][11][10][7][8][8][10][5][7][4][8][1][4][10][7][2][6][5][6][0]₁₂
817,001,782,057,423,889,616,553,377,069,466,008₁₀

[1][11][10][9][9][7][2][3][6][1][3][6][10][11][0][11][10][7][8][8][10][5][7][4][8][1][4][10][7][2][6][5][6][1]₁₂
817,001,782,057,423,889,616,553,377,069,466,009₁₀

Base-12, Order-35 PPDIs (1)

[1][2][5][3][5][5][3][7][1][5][10][8][6][10][8][5][1][10][8][8][2][0][4][1][0][8][8][11][9][8][8][8][11][3][5]₁₂
 5,923,355,989,045,935,086,220,334,346,558,075,993₁₀

Base-12, Order-36 PPDIs (1)

[1][7][3][1][6][8][4][0][9][10][2][6][1][5][6][6][5][3][11][5][1][10][9][6][5][4][3][1][11][8][7][6][9][11][0][4]₁₂
 94,806,281,199,760,614,622,422,502,392,178,965,748₁₀

Base-12, Order-37 PPDIs (0)

None

Base-12, Order-38 PPDIs (0)

None

Base-12, Order-39 PPDIs (2)

[2][10][5][5][3][2][10][6][11][0][2][1][0][5][10][1][9][2][1][11][11][3][5][3][11][2][10][1][11][6][11][9][3][11][4][8][10][1][0]₁₂
 293,046,457,089,255,159,150,154,965,133,332,107,473,836₁₀

[2][10][5][5][3][2][10][6][11][0][2][1][0][5][10][1][9][2][1][11][11][3][5][3][11][2][10][1][11][6][11][9][3][11][4][8][10][1][1]₁₂
 293,046,457,089,255,159,150,154,965,133,332,107,473,837₁₀

Base-12, Order-40 PPDIs (0)

None

Base-12, Order-41 PPDIs (8)

[1][0][2][4][3][4][0][1][5][8][2][5][7][8][7][11][1][5][1][0][9][2][4][9][6][7][11][6][3][2][1][0][0][2][11][7][7][4][4][4][0]₁₂
14,938,236,387,074,202,900,718,806,315,967,496,069,814,384₁₀

[1][0][2][4][3][4][0][1][5][8][2][5][7][8][7][11][1][5][1][0][9][2][4][9][6][7][11][6][3][2][1][0][0][2][11][7][7][4][4][4][1]₁₂
14,938,236,387,074,202,900,718,806,315,967,496,069,814,385₁₀

[1][0][6][3][3][8][4][3][9][10][11][2][3][7][7][1][10][8][2][10][9][6][11][4][1][2][4][2][8][10][0][2][11][6][4][5][5][8][3][7][5]₁₂
15,338,257,565,667,059,764,208,146,242,979,499,796,760,841₁₀

[1][4][4][1][9][11][3][8][9][4][0][8][9][6][8][3][11][7][1][4][6][1][1][0][10][0][6][0][11][9][0][6][8][6][8][4][5][2][11][5][9]₁₂
20,020,777,061,409,651,893,952,731,105,432,883,183,868,149₁₀

[1][4][6][0][10][5][8][11][1][6][11][11][3][4][5][8][8][1][3][9][9][7][1][11][5][5][7][0][4][7][2][3][8][10][4][10][1][2][4][7][8]₁₂
20,216,786,356,477,861,580,883,811,111,928,717,228,906,780₁₀

[1][4][6][1][2][2][0][9][3][11][6][9][11][10][6][3][10][3][5][0][6][9][6][5][2][1][2][9][11][5][11][8][10][2][1][2][7][1][0][4][4]₁₂
20,219,404,246,649,103,128,398,671,997,217,331,404,531,188₁₀

[2][0][6][7][9][0][9][5][3][6][2][5][7][2][3][8][6][1][8][11][4][11][8][6][10][6][5][11][6][3][11][11][0][10][3][0][5][1][0][11][0]₁₂
30,073,801,225,014,177,616,388,584,155,105,624,998,923,332₁₀

[2][0][6][7][9][0][9][5][3][6][2][5][7][2][3][8][6][1][8][11][4][11][8][6][10][6][5][11][6][3][11][11][0][10][3][0][5][1][0][11][1]₁₂
30,073,801,225,014,177,616,388,584,155,105,624,998,923,333₁₀

Base-12, Order-42 PPDIs (0)

None

Base-12, Order-43 PPDIs (1)

$[2][0][0][11][4][10][6][11][6][7][11][3][4][3][0][0][6][4][3][1][9][7][4][7][1][0][0][11][7][0][11][0][0][5][0][10][11][8][10][1][4][0][11]_{12}$
 $4,246,913,283,232,251,107,493,327,252,501,899,689,379,906,315_{10}$

Base-12, Order-44 PPDIs (0)

None

Base-12, Order-45 PPDIs (0)

None

Base-12, Order-46 PPDIs (0)

None

Base-12, Order-47 PPDIs (0)

None

Base-12, Order-48 PPDIs (0)

None

Base-12, Order-49 PPDIs (0)

None

Base-12, Order-50 PPDIs (0)

None

Base-12, Order-51 PPDIs (2)

[1][1][7][7][5][11][7][1][3][8][2][11][9][8][1][7][3][11][4][3][1][4][2][9][4][8][9][1][11][9][4][11][6][11][6][2][6][5][9][8][0][11][5][9][4] —
 [8][0][11][10][6][7]₁₂
 1,034,067,392,880,311,698,684,547,937,985,418,079,254,292,884,811,591,727₁₀

[1][5][0][7][9][3][4][6][10][6][11][3][11][1][4][11][11][5][6][11][3][9][5][8][9][8][11][9][6][6][2][9][10][8][11][0][1][5][1][5][3][4][4] —
 [11][4][11][0][7][1][4][11]₁₂
 1,293,322,607,944,228,808,282,129,427,891,480,792,237,400,471,799,755,787₁₀

Theoretical base-12, maximum-order PPDi: 78

Actual base-12, maximum-order PPDi: 51

Number of base-12 PPDIs: 88