

All Possible Metric Breakdowns of Whole Integers 1-16

Andrew Wilson | Technical reference | Public edition, September 2026

Ordered compositions using only 2 and 3

Order matters: 2+3 and 3+2 are distinct spellings. Within this restricted alphabet, 1 has no admissible spelling. This reference enumerates possibilities; it does not assign a grouping to any particular recording.

The counts follow the Padovan recurrence $F(n) = F(n-2) + F(n-3)$, with $F(0)=1$, $F(1)=0$ and $F(n)=0$ for negative n . Each spelling ends in either 2 or 3.

Integer	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Count	0	1	1	1	2	2	3	4	5	7	9	12	16	21	28	37

2 | 1 admissible spelling

(2)

3 | 1 admissible spelling

(3)

4 | 1 admissible spelling

(2+2)

5 | 2 admissible spellings

(2+3); (3+2)

6 | 2 admissible spellings

(2+2+2); (3+3)

7 | 3 admissible spellings

(2+2+3); (2+3+2); (3+2+2)

8 | 4 admissible spellings

(2+2+2+2); (2+3+3); (3+2+3); (3+3+2)

9 | 5 admissible spellings

(2+2+2+3); (2+2+3+2); (2+3+2+2); (3+2+2+2); (3+3+3)

10 | 7 admissible spellings

(2+2+2+2+2); (2+2+3+3); (2+3+2+3); (2+3+3+2); (3+2+2+3); (3+2+3+2); (3+3+2+2)

11 | 9 admissible spellings

(2+2+2+2+3); (2+2+2+3+2); (2+2+3+2+2); (2+3+2+2+2); (2+3+3+3); (3+2+2+2+2); (3+2+3+3); (3+3+2+3); (3+3+3+2)

12 | 12 admissible spellings

(2+2+2+2+2+2); (2+2+2+3+3); (2+2+3+2+3); (2+2+3+3+2); (2+3+2+2+3); (2+3+2+3+2); (2+3+3+2+2); (3+2+2+2+3); (3+2+2+3+2); (3+2+3+2+2); (3+3+2+2+2); (3+3+3+3)

13 | 16 admissible spellings

(2+2+2+2+2+3); (2+2+2+2+3+2); (2+2+2+3+2+2); (2+2+3+2+2+2); (2+2+3+3+3); (2+3+2+2+2+2); (2+3+2+3+3); (2+3+3+2+3); (2+3+3+3+2); (3+2+2+2+2+2); (3+2+2+3+3); (3+2+3+2+3); (3+2+3+3+2); (3+3+2+2+3); (3+3+2+3+2); (3+3+3+2+2)

14 | 21 admissible spellings

(2+2+2+2+2+2+2); (2+2+2+2+3+3); (2+2+2+3+2+3); (2+2+2+3+3+2); (2+2+3+2+2+3); (2+2+3+2+3+2); (2+2+3+3+2+2); (2+2+3+3+3+2); (2+3+2+2+2+3); (2+3+2+2+3+2); (2+3+2+3+2+2); (2+3+3+2+2+2); (2+3+3+3+2); (3+2+2+2+2+3); (3+2+2+2+3+2); (3+2+2+3+2+2); (3+2+3+2+2+2); (3+2+3+3+3); (3+3+2+2+2+2); (3+3+2+3+3); (3+3+3+2+3); (3+3+3+3+2)

15 | 28 admissible spellings

(2+2+2+2+2+2+3); (2+2+2+2+2+3+2); (2+2+2+2+3+2+2); (2+2+2+3+2+2+2); (2+2+2+3+3+3); (2+2+3+2+2+2+2); (2+2+3+2+3+3); (2+2+3+3+2+3); (2+2+3+3+3+2); (2+3+2+2+2+3+2); (2+3+2+2+3+2+2); (2+3+2+3+2+2+2); (2+3+2+3+3+2); (2+3+3+2+2+3+2); (2+3+3+2+3+2+2); (2+3+3+3+2+2+2); (3+2+2+2+2+2+2); (3+2+2+2+3+3); (3+2+2+3+2+3); (3+2+2+3+3+2); (3+2+3+2+2+3+2); (3+2+3+2+3+2+2); (3+2+3+3+2+2); (3+3+2+2+2+3+2); (3+3+2+2+3+2+2); (3+3+2+3+2+3); (3+3+2+3+3+2); (3+3+3+2+2+2+2); (3+3+3+2+3+2+2); (3+3+3+3+3)

16 | 37 admissible spellings

(2+2+2+2+2+2+2+2); (2+2+2+2+2+3+3); (2+2+2+2+3+2+3); (2+2+2+2+3+3+2); (2+2+2+3+2+2+3); (2+2+2+3+2+3+2); (2+2+2+3+3+2+2); (2+2+3+2+2+2+3); (2+2+3+2+3+2+2); (2+2+3+3+2+2+2); (2+2+3+3+3+2); (2+3+2+2+2+2+3); (2+3+2+2+3+2+2); (2+3+2+3+2+2+2); (2+3+2+3+3+3); (2+3+3+2+2+2+2); (2+3+3+2+3+3); (2+3+3+3+2+3); (2+3+3+3+3+2); (3+2+2+2+2+2+3); (3+2+2+2+3+2); (3+2+2+2+3+3); (3+2+2+3+2+2+2); (3+2+2+3+3+3); (3+2+3+2+2+2+2); (3+2+3+2+3+3); (3+2+3+3+2+3); (3+2+3+3+3+2); (3+3+2+2+2+2+2); (3+3+2+2+3+3); (3+3+2+3+2+3); (3+3+2+3+3+2); (3+3+3+2+2+3); (3+3+3+2+3+2); (3+3+3+3+2+2); (3+3+3+3+3+2); (3+3+3+3+3+2+2)

Source and scope

Reformatted from Andrew Wilson, *All Possible Metric Breakdowns of Whole Integers 1-16*, supplied September 2026. Every source spelling is retained in its source order. Enumeration QA confirms 37 distinct spellings for 16; no analytical data were altered.

Read alongside *Doctrine of the Nu Dawn*. The same additive vocabulary informs the developing P.R.A.Y. application: [Open P.R.A.Y..](#)