

Day 9
(2022)

Advent of Mathematical Symbols

natural numbers

$$\mathbb{N} = \{1, 2, 3, 4, \dots\}$$

or

$$\mathbb{N} = \{0, 1, 2, 3, 4, \dots\}$$

together with addition +: monoid→ associative: $a + (b + c) = (a + b) + c$ → neutral element: $a + 0 = 0 + a = a$