



Day 10
(2022)

Advent of Mathematical Symbols

integers

(whole numbers)

$$\mathbb{Z} = \{\dots, -2, -1, 0, 1, 2, \dots\}$$

associative: $a + (b + c) = (a + b) + c$

neutral element: $a + 0 = 0 + a = a$

inverse elements: $a + (-a) = (-a) + a = 0$

together with addition +: group: