

# ***Parte intreaga, parte fractionara***

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## Partea intreaga:

$[x]$  – cel mai mare numar *INTREG* mai mic decat  $x$

$$[x] \leq x < [x] + 1$$

## Partea fractionara:

$$\{x\} = x - [x]$$

## Proprietati:

- $[x + n] = [x] + n$   $\forall n \in \mathbb{Z}$
- $[x] + \left[x + \frac{1}{2}\right] = [2x]$
- $[x] + \left[x + \frac{1}{n}\right] + \left[x + \frac{2}{n}\right] + \dots + \left[x + \frac{n-1}{n}\right] = [nx]$   $\forall n \in \mathbb{N}^*$