- If $x \in [a, b] \land y \in [c, d]$
    - $x + y \in [a + c, b + d]$
    - $x - y \in [a - d, b - c]$
- If $x \in [a, b]$ then
    - $x/k \to ?$ (constant or zero?)
    - $x \% k \to ?$ (x or x + some constant?)
- **Iterators**
    - Let I be an iterator $(start, end, step)$
    - $x \in I$ if $(start <= x <= end) \land (step | (x - start))$
- If $x \in I(start, end, step)$
    - $(c | step) \implies x \% c = start \% c$
- If $x \in I$
    - $x + c \in$ I(start + c, end + c, step)
- If $x \in \mathbb{Z}$
    - $x/a/b = x/(a * b)$