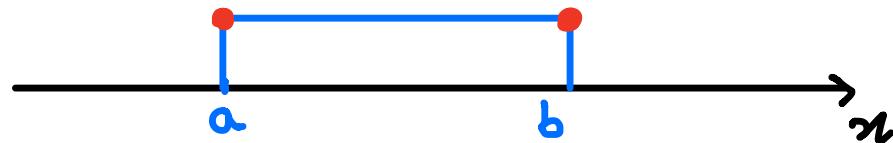


Intervalli

1. Intervallo chiuso e limitato:

$$[a; b] = \{x \in \mathbb{R} : a \leq x \leq b\}$$



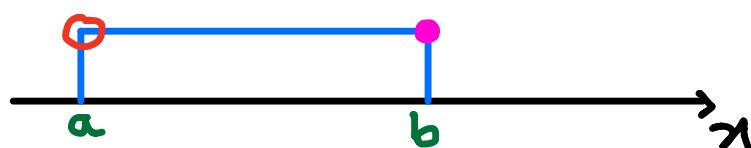
2. Intervallo chiuso sinistra e aperto a destra

$$[a; b[= \{x \in \mathbb{R} : a \leq x < b\}$$



3. Intervallo aperto a sinistra e chiuso a destra

$$]a; b] = \{x \in \mathbb{R} : a < x \leq b\}$$



4. Intervallo chiuso a sinistra e aperto a destra

$$[a; b[= \{x \in \mathbb{R} : a \leq x < b\}$$



5. Intervallo aperto

$$]a; b[= \{x \in \mathbb{R} : a < x < b\}$$



6. Intervallo aperto non limitato superiormente

$$]a; +\infty) = \{x \in \mathbb{R} : x > a\}$$



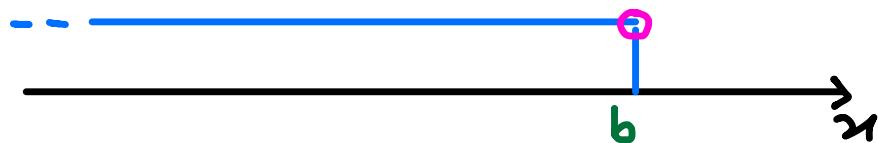
6. Intervallo chiuso non limitato superiormente

$$[a; +\infty) = \{x \in \mathbb{R} : x \geq a\}$$



7. Intervallo aperto non limitato inferiormente

$$(-\infty; b) = \{x \in \mathbb{R} : x < b\}$$



8. Intervallo chiuso non limitato inferiormente

$$[-\infty; b] = \{x \in \mathbb{R} : x \leq b\}$$



9. Intervallo non limitato

$$(-\infty; +\infty) = \mathbb{R}$$



