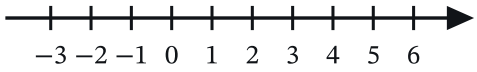
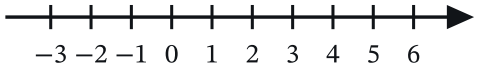
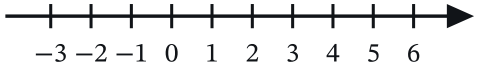
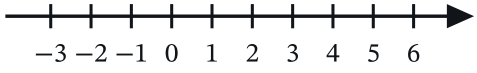
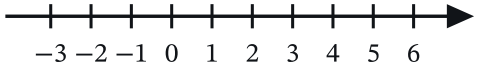
Ime i prezime _____ Datum _____

Uređaj i intervali

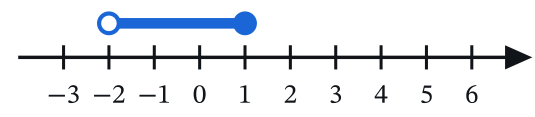
Zapamti

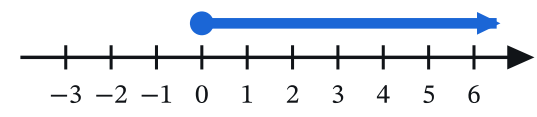
Skup brojeva između a i b zapisujemo **intervalom**. Uglata zagrada znači da je kraj uključen (puni kružić), a šiljasta da nije (prazni kružić): $[a, b]$, $\langle a, b\rangle$, $[a, b\rangle$, $\langle a, b]$. Beskonačnost ∞ nije broj, pa uz nju uvijek stoji šiljasta zagrada: $[a, +\infty\rangle$, $\langle -\infty, b\rangle$.

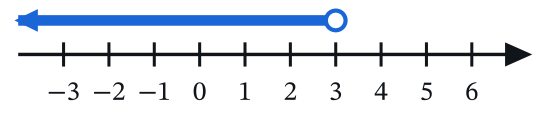
1 SAMOSTALNO Dopuni tablicu i prikaži interval na brojevnom pravcu.

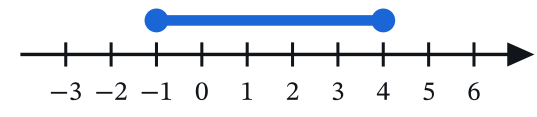
Nejednakost	Interval	Na pravcu
$-2 \leq x \leq 3$		
$1 < x < 4$		
$x \geq -1$		
$x < 2$		
	$\langle 0, 5]$	

2 SAMOSTALNO Zapiši intervalom skup prikazan na slici.





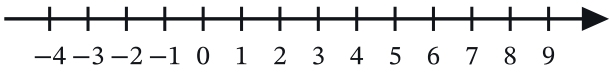




Imena u paru _____ Datum _____

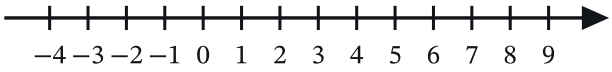
3 U PARU **Unija i presjek.** Prikaži oba intervala na istom pravcu (jedan iznad drugoga) pa zapiši $A \cup B$ i $A \cap B$.

$A = [-2, 3\rangle$,
$B = \langle 1, 5]$



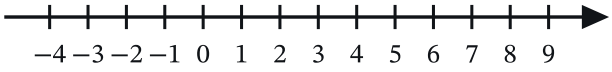
$A \cup B =$ ☐
$A \cap B =$ ☐

$A = \langle -\infty, 0]$,
$B = \langle -3, 4\rangle$



$A \cup B =$ ☐
$A \cap B =$ ☐

$A = [2, 6]$,
$B = \langle 6, 9\rangle$



$A \cup B =$ ☐
$A \cap B =$ ☐

4 U PARU **Točno ili netočno?**

$3 \in \langle 1, 3\rangle$	**točno** /	**netočno**
$0 \in [-1, 0]$	**točno** /	**netočno**
$\langle 2, 5\rangle \subset [2, 5]$	**točno** /	**netočno**
$-\infty \in \langle -\infty, 1\rangle$	**točno** /	**netočno**

5 SAMOSTALNO Koji su cijeli brojevi u intervalu $[-2, 3\rangle$?

☐

Aplikacija Brojevni pravac · otooly.com/brojevni-pravac
Način **Intervali**: upiši dva intervala i odaberi **Unija** ili **Presjek**.

★ SAMOSTALNO **Izlazna kartica.** Zapiši intervalom: $-1 < x \leq 4$ ☐