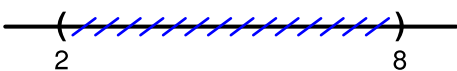
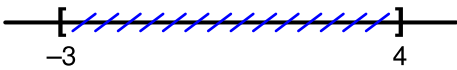
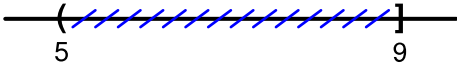
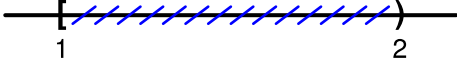
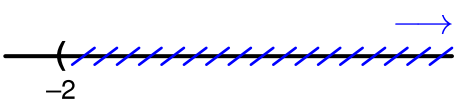
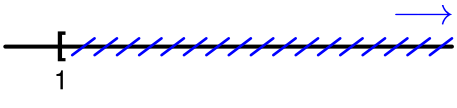
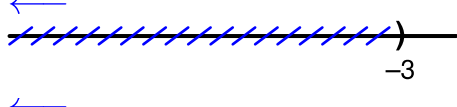
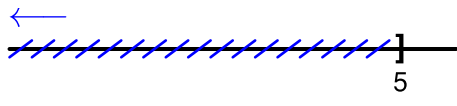


Enunciados

Representa gráficamente los siguientes intervalos y semirrectas y di si las afirmaciones que los acompañan son verdaderas o falsas.

- ① Intervalo $(2,8)$
Afirmaciones: (a) $2 \in (2,8)$ (b) $8 \notin (2,8)$ (c) $0 \notin (2,8)$ (d) $2,5 \in (2,8)$
- ② Intervalo $[-3,4]$
Afirmaciones: (a) $-3 \in [-3,4]$ (b) $4 \notin [-3,4]$ (c) $0 \notin [-3,4]$ (d) $5 \in [-3,4]$
- ③ Intervalo $(5,9]$
Afirmaciones: (a) $5 \in (5,9]$ (b) $9 \in (5,9]$ (c) $4,98 \in (5,9]$ (d) $8,8 \in (5,9]$
- ④ Intervalo $[1,2)$
Afirmaciones: (a) $1 \notin [1,2)$ (b) $2 \notin [1,2)$ (c) $0 \notin [1,2)$ (d) $1,5 \notin [1,2)$
- ⑤ Semirrecta $(-2, \rightarrow)$. Afirmaciones: (a) $-2 \in (-2, \rightarrow)$ (b) $-3 \in (-2, \rightarrow)$ (c) $93 \in (-2, \rightarrow)$
- ⑥ Semirrecta $[1, \rightarrow)$. Afirmaciones: (a) $1 \in [1, \rightarrow)$ (b) $0 \in [1, \rightarrow)$ (c) $-33 \in [1, \rightarrow)$
- ⑦ Semirrecta $(\leftarrow, -3)$. Afirmaciones: (a) $-3 \notin (\leftarrow, -3)$ (b) $0 \in (\leftarrow, -3)$ (c) $-2 \notin (\leftarrow, -3)$
- ⑧ Semirrecta $(\leftarrow, 5]$. Afirmaciones: (a) $5 \notin (\leftarrow, 5]$ (b) $0 \in (\leftarrow, 5]$ (c) $-33 \in (\leftarrow, 5]$

Resoluciones

- ①  (a) Falsa (b) Verdadera (c) Verdadera (d) Verdadera
- ②  (a) Verdadera (b) Falsa (c) Falsa (d) Falsa
- ③  (a) Falsa (b) Verdadera (c) Falsa (d) Verdadera
- ④  (a) Falsa (b) Verdadera (c) Verdadera (d) Falsa
- ⑤  (a) Falsa (b) Falsa (c) Verdadera
- ⑥  (a) Verdadera (b) Falsa (c) Falsa
- ⑦  (a) Verdadera (b) Falsa (c) Verdadera
- ⑧  (a) Falsa (b) Verdadera (c) Verdadera