

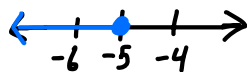
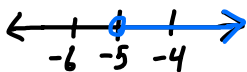
3: a: $C \wedge \neg D$

b: $C \rightarrow D$

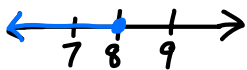
c: $(P \rightarrow R) \wedge (R \rightarrow P)$

4:

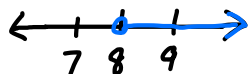
a: $x > -5$ (original) $x \leq -5$ (Negation)



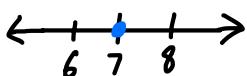
b: $x \leq 8$ (original)



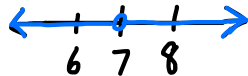
$x > 8$ (Negation)



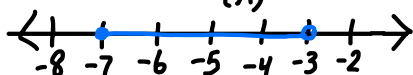
c: $x = 7$ (original)



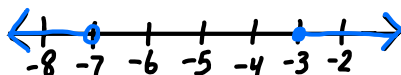
$x < 7$ or $x > 7$ (Negation)



d: $-7 \leq x < -3$ (original)
 $x \geq -7$ and $x < -3$ (A)

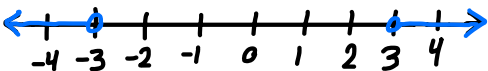


$x < -7$ or $x \geq -3$ (Negation)



e: $|x| > 3$ (original)

$x < -3$ or $x > 3$ (V)



$|x| \leq 3$ (Negation)

$-3 \leq x \leq 3$ $x \geq -3$ and $x \leq 3$ (A)

