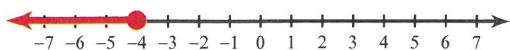


6.0 Practice Graphing Inequalities

Date _____ Period _____

Draw a graph for each inequality.

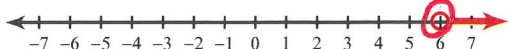
1) $a \leq -4$



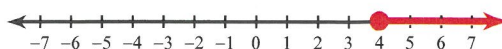
2) $x < -1$



3) $x > 6$

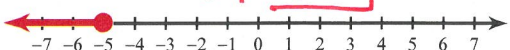


4) $a \geq 4$



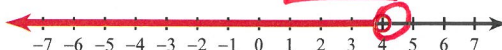
5) $-5 \geq n$

$\rightarrow n \leq -5$



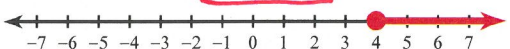
6) $4 > x$

$\rightarrow x < 4$



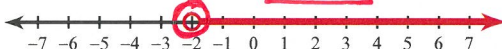
7) $4 \leq a$

$\rightarrow a \geq 4$

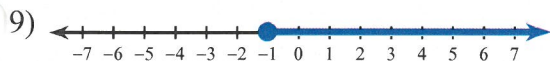


8) $-2 < n$

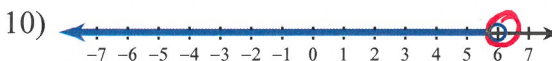
$\rightarrow n > -2$



Write an inequality for each graph.



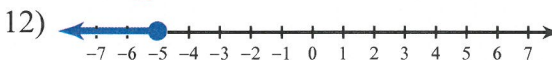
$x \geq -1$



$x < 6$



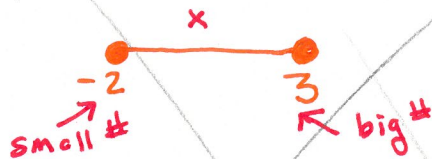
$x < 4$



$x \leq -5$

Graph each compound inequality.

13) $-2 \leq x \leq 3$



14) $-6 < x < 5$



15) $2 < x \leq 8$



16) $-5 < x \leq 2$



17) $4 \geq x \geq -3$

← example of why we use $\leq, \geq$

→ rewrite

$-3 \leq x \leq 4$



Rewrite so: Variable Symbol #