

Graphs of Inequalities

Key concepts:

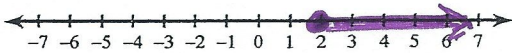
$<$  less than  
 $\leq$  less than or equal to

$>$  greater than  
 $\geq$  greater than or equal to

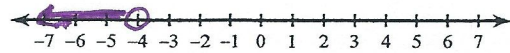
Examples

Draw a graph for each inequality.

1)  $2 \leq r$   $r \geq 2$



2)  $x < -4$

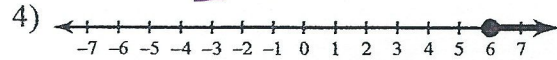


Write an inequality for each graph.

3)  $x < 0$



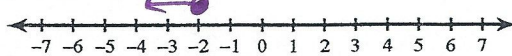
4)  $a \geq 6$



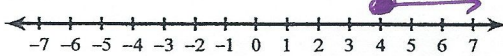
Assignment

Draw a graph for each inequality.

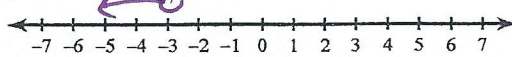
5)  $r \leq -2$



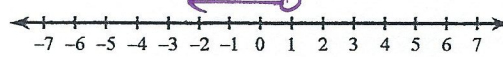
6)  $4 \leq x$   $x \geq 4$



7)  $k < -3$



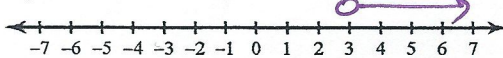
8)  $1 > b$   $b < 1$



9)  $0 \leq n$   $n \geq 0$



10)  $v > 3$



Write an inequality for each graph.

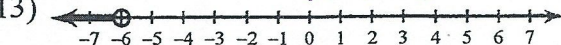
11)  $x \geq -1$



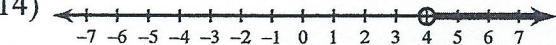
12)  $x \leq 6$



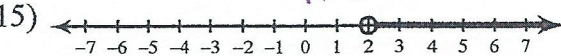
13)  $x < -6$



14)  $x > 4$



15)  $x > 2$



16)  $x \leq 3$

