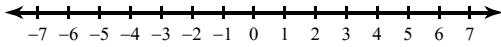


Lesson 9.7-Inequalities

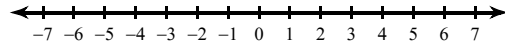
Date _____ Period _____

Draw a graph for each inequality.

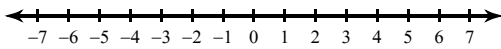
1) $p \geq 4$



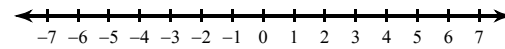
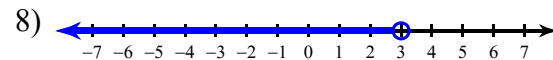
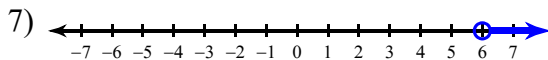
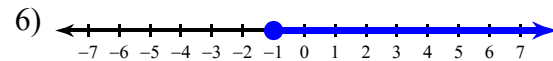
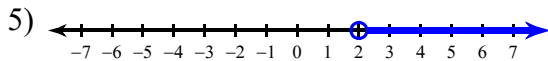
2) $r \geq 5$



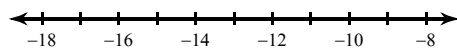
3) $n \geq -1$



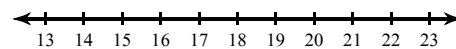
4) $x \leq 4$

**Write an inequality for each graph.****Solve each inequality and graph its solution.**

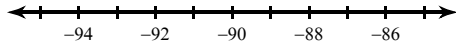
9) $-25 > p - 15$



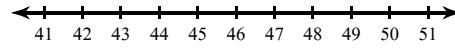
10) $9 < n - 10$



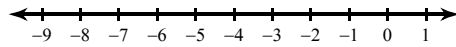
$$11) -11 \leq \frac{a}{8}$$



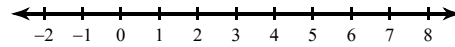
$$12) \frac{b}{12} < 4$$



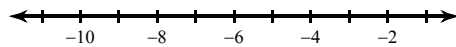
$$13) -9 > 5m + 4m$$



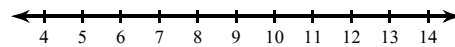
$$14) 8k + 5k \leq 0$$



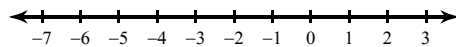
$$15) -229 \geq -6(-5b - 5) + 7b$$



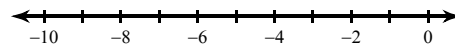
$$16) -4(2 - 4n) \leq 104$$



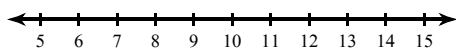
$$17) 3(5m - 5) + 7(-m - 1) < -54$$



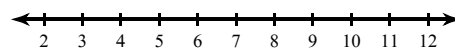
$$18) 51 \leq -(-5n - 8) + 3(5 - 4n)$$



$$19) -6 + 3m > 2m + 1$$



$$20) p - 16 < 8 - 2p$$

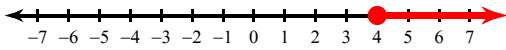


Lesson 9.7-Inequalities

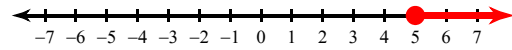
Date _____ Period _____

Draw a graph for each inequality.

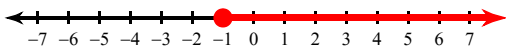
1) $p \geq 4$



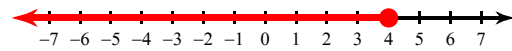
2) $r \geq 5$



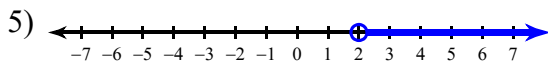
3) $n \geq -1$



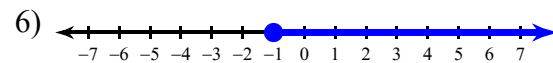
4) $x \leq 4$



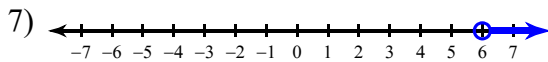
Write an inequality for each graph.



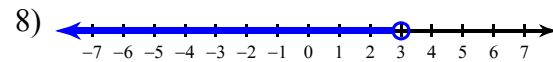
$m > 2$



$b \geq -1$



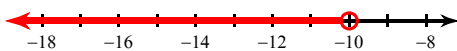
$a > 6$



$x < 3$

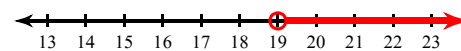
Solve each inequality and graph its solution.

9) $-25 > p - 15$



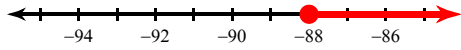
$p < -10$

10) $9 < n - 10$



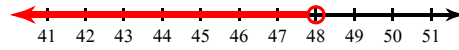
$n > 19$

$$11) -11 \leq \frac{a}{8}$$



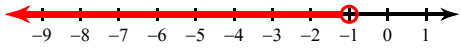
$$a \geq -88$$

$$12) \frac{b}{12} < 4$$



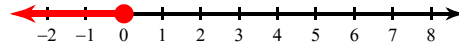
$$b < 48$$

$$13) -9 > 5m + 4m$$



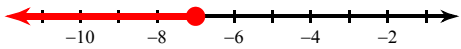
$$m < -1$$

$$14) 8k + 5k \leq 0$$



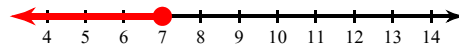
$$k \leq 0$$

$$15) -229 \geq -6(-5b - 5) + 7b$$



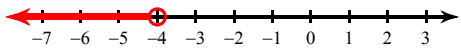
$$b \leq -7$$

$$16) -4(2 - 4n) \leq 104$$



$$n \leq 7$$

$$17) 3(5m - 5) + 7(-m - 1) < -54$$



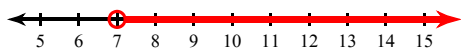
$$m < -4$$

$$18) 51 \leq -(-5n - 8) + 3(5 - 4n)$$



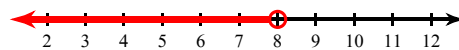
$$n \leq -4$$

$$19) -6 + 3m > 2m + 1$$



$$m > 7$$

$$20) p - 16 < 8 - 2p$$



$$p < 8$$