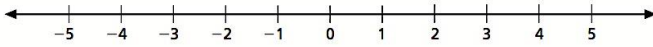


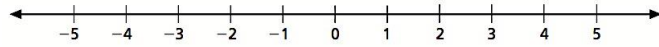
## Graphing Inequalities

Graph each inequality. Express the solution set using interval notation.

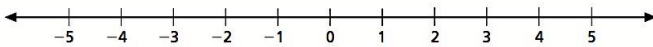
1)  $x \leq 3$



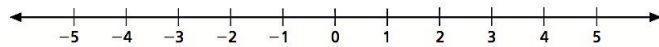
2)  $c > -4$



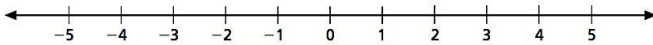
3)  $t \geq 5$



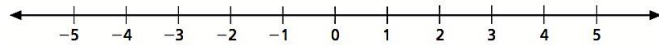
4)  $j < 1$



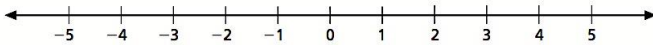
5)  $r \geq 0$



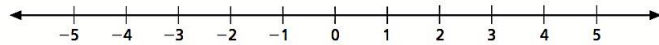
6)  $m \leq -3$



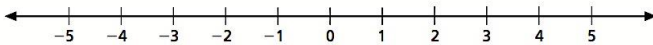
7)  $m < \frac{3}{4}$



8)  $q \leq -2.5$

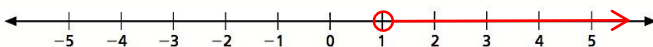


9)  $n \neq 3$

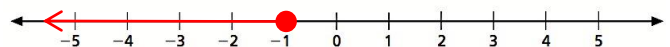


Write an inequality to represent each graph below.

10)



11)



Write three possible solutions for each of the following inequalities.

12)  $x \geq -3$

13)  $q > 9$

14)  $n \leq 0$

15)  $k < -\frac{1}{2}$

16)  $r > -10$

17)  $m \geq 3.5$

Write an inequality to describe each situation.

18) Isabella cannot spend more than \$40.

19) Peter saves at least \$50 each month.

20) The G&L Theater seats a maximum of 250 people.

Write the inequality represented by each graph below.

21)



22)

