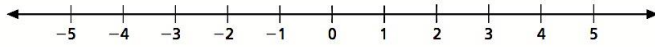


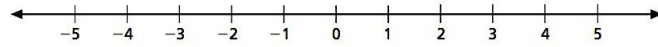
Graphing Inequalities

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

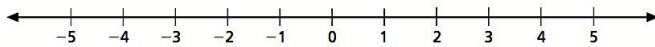
1) $x \leq 3$



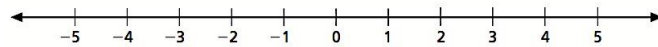
2) $c > -4$



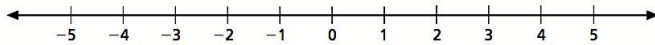
3) $t \geq 5$



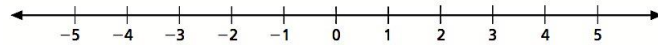
4) $j < 1$



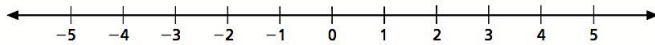
5) $r \geq 0$



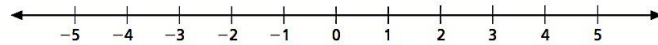
6) $m \leq -3$



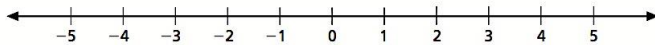
7) $m < \frac{3}{4}$



8) $q \leq -2.5$

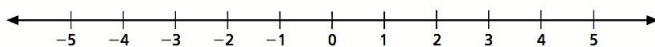


9) $n \neq 3$

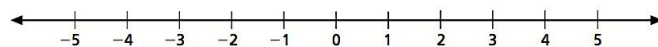


Solve each equation below and graph the solution.

10) $r - 3 = -2$



11) $5y + 1 = -4$



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) Riley cannot spend more than \$40.

19) Howard 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)

