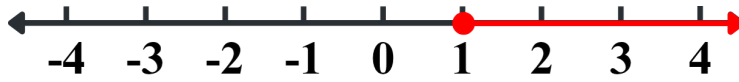


Graphing One-Variable Linear Inequalities

1 Which of the following inequalities represents the graph below?



A. $x < 1$

B. $x > 1$

C. $x \leq 1$

D. $x \geq 1$

2 Which of the following inequalities represents the graph below?



A. $x < 2$

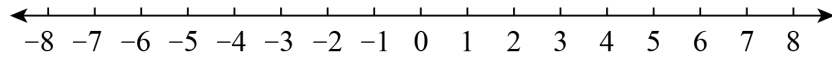
B. $x > 2$

C. $x \leq 2$

D. $x \geq 2$

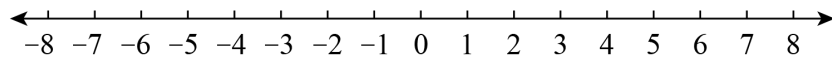
3 Graph the inequality on the number line.

$$x \leq 3$$

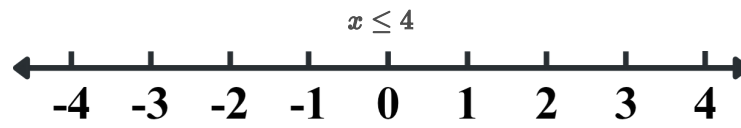


4 Graph the inequality on the number line.

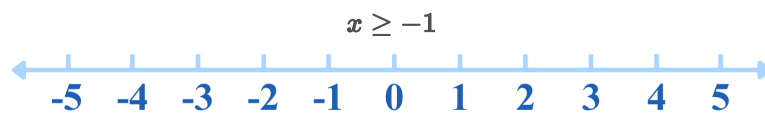
$$x < -2$$



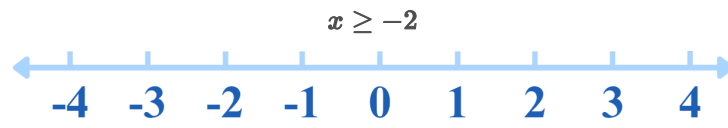
- 5 Graph the inequality on the number line.



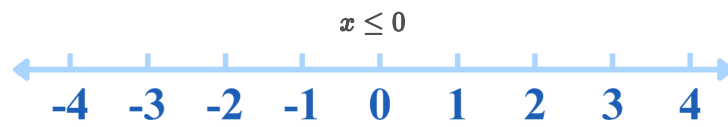
- 6 Graph the inequality on the number line.



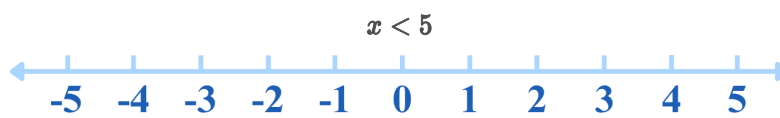
- 7 Graph the inequality on the number line.



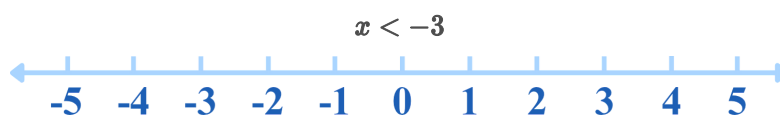
- 8 Graph the inequality on the number line.



- 9 Graph the inequality on the number line.

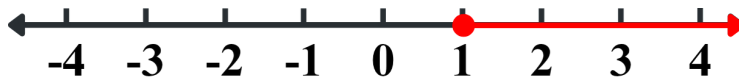


- 10 Graph the inequality on the number line.



Graphing One-Variable Linear Inequalities

1 Which of the following inequalities represents the graph below?



A. $x < 1$

B. $x > 1$

C. $x \leq 1$

D. $x \geq 1$

Answer D

Solution The inequality shown in the figure is $x \geq 1$.

The answer is D.

2 Which of the following inequalities represents the graph below?



A. $x < 2$

B. $x > 2$

C. $x \leq 2$

D. $x \geq 2$

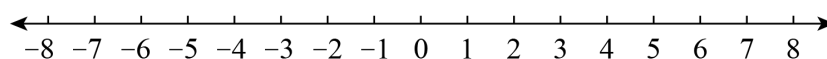
Answer A

Solution The inequality shown in the figure is $x < 2$.

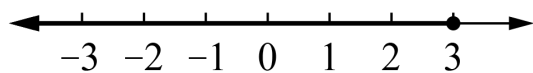
The answer is A.

3 Graph the inequality on the number line.

$$x \leq 3$$



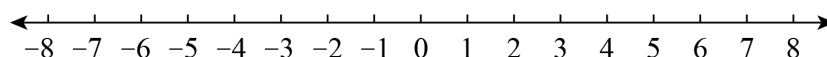
Answer $x \leq 3$



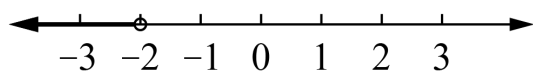
Solution The answer is shown in the figure.

4 Graph the inequality on the number line.

$$x < -2$$



Answer $x < -2$



Solution The answer is shown in the figure.

5 Graph the inequality on the number line.

$$x \leq 4$$

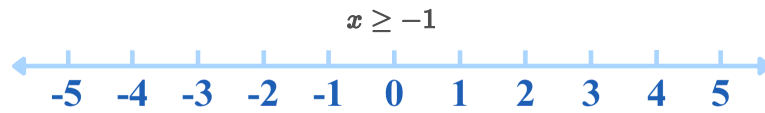


Answer $x \leq 4$

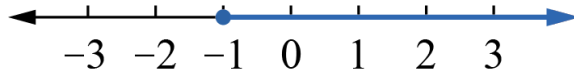


Solution The answer is shown in the graph.

6 Graph the inequality on the number line.

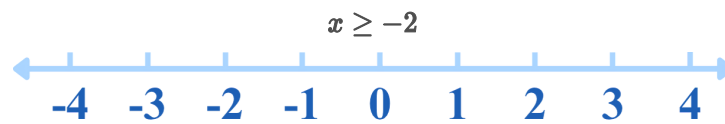


Answer $x \geq -1$



Solution The answer is shown in the graph.

7 Graph the inequality on the number line.

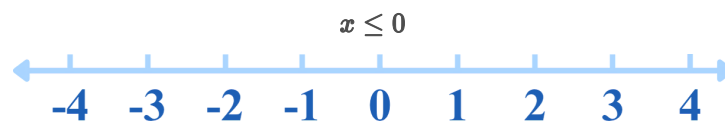


Answer $x \geq -2$

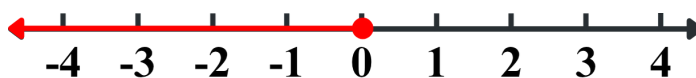


Solution The answer is shown in the graph.

8 Graph the inequality on the number line.

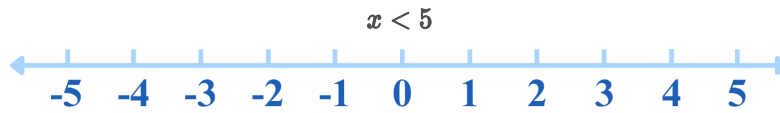


Answer $x \leq 0$



Solution The answer is shown in the graph.

9 Graph the inequality on the number line.

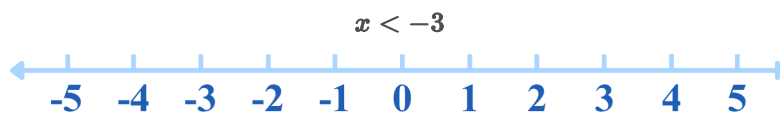


Answer $x < 5$

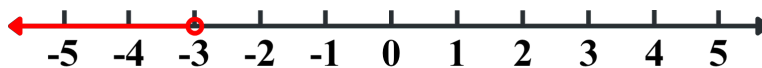


Solution The answer is shown in the graph.

10 Graph the inequality on the number line.



Answer $x < -3$



Solution The answer is shown in the graph.