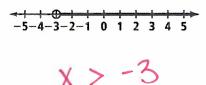


Write an inequality to match the graph.





Solve and graph the inequality.

$$-5. -\frac{b}{3} > -4.^{-3}$$
 $b < 12$



Solve and graph the inequality.

$$|3z-6|=9$$
 $3z-6=9$ or $3z-6=-9$

to the the second $3z=-3$
 $3z=-3$
 $3z=-3$
 $3z=-3$
 $3z=-3$



Solve and graph the inequality.

$$8-7x > 15$$
 $-7x > 7$
 $-7x > 7$



On a game show you guess the price of items. In order to win your average guesses must be no more than \$3 away from the actual price. Your first 3 guesses were over by \$5, under by \$10, and over by \$2. Write and solve an inequality to represent how far off your last guess can be in order to win.

$$\frac{5+-10+2+x}{4}$$
 $\frac{2}{5}$



Solve and graph the inequality.

$$|V+4| \ge 10$$

 $V+4 \ge 10$ or $V+4 \le -10$
 $V=0$ or $V=0$



Write an inequality to match the graph.



Write an inequality to represent the situation.

In order for students to go on a school trip, at least 50 students must sign up.



Solve and graph the inequality.

$$-2p \le -18 \text{ or } 3p < 9$$
 $-2 -2 -2 -3 -3$
 $p \ge 9 \quad \text{or } p \ge 3$
 $= 3 -2 -2 -3 -3$



$$|4x-2| + 10 = 5$$

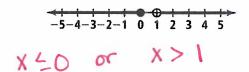
 $|4x-2| = -5$
NO Solution!



Solve and graph the inequality.



Write an inequality to match the graph.





Solve and graph the inequality.





Write an inequality to represent the situation.

The thermostat setting keeps the temperature in a building within 2 degrees of the set temperature. If the thermostat is set at 71°, find the range of possible temperatures.



Write an inequality to match the graph.

$$\times 41$$



Write an inequality to represent the situation.

To win the race, Bobby must run faster than 7 minutes.

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