

Solve the inequality.

$$3(x + 4) \geq 18$$

$$x \geq 2$$



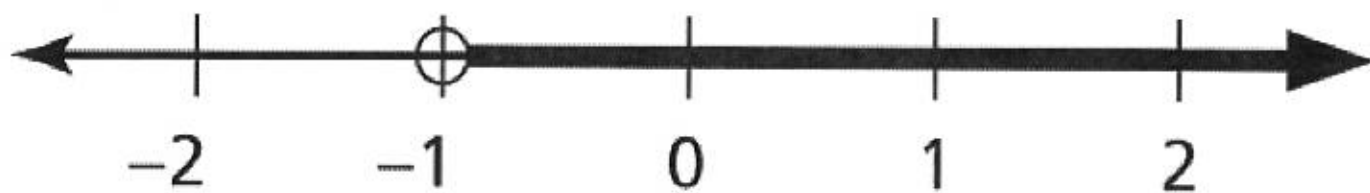
Tell whether the given value is a solution of the inequality.

$$j + 1 > 10; j = 9$$

No

© Find the graph of the following inequality.

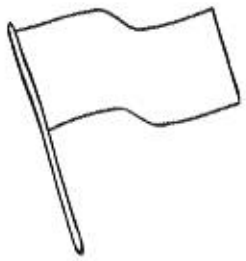
$$x > -1$$



Tell whether the given value is a solution of the inequality.

$$-3 \leq \frac{k}{2}; k = -1$$

Yes



Solve the inequality.

$$-2x \leq 10$$

$$X \geq -5$$



Write the word sentence
as an inequality.

**A number x plus 7 is less
than 45.**

$$x + 7 < 45$$



Write the word sentence
as an inequality.

**Mrs. Colville needs to
spend at least \$75 on Mr.
Colville for Christmas.**

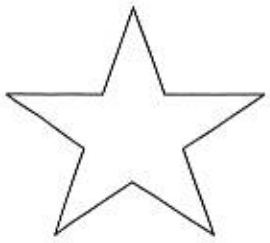
$$x \geq 75$$



Solve the inequality.

$$4x - 3 \geq -1$$

$$x \geq \frac{1}{2}$$



Solve the inequality.

$$2x - 3 > 17$$

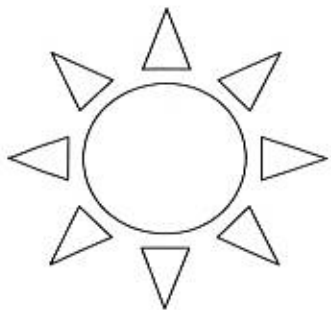
$$x > 10$$



Solve the inequality.

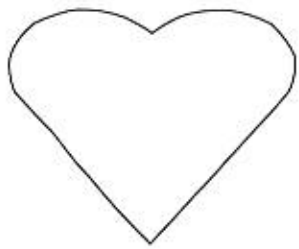
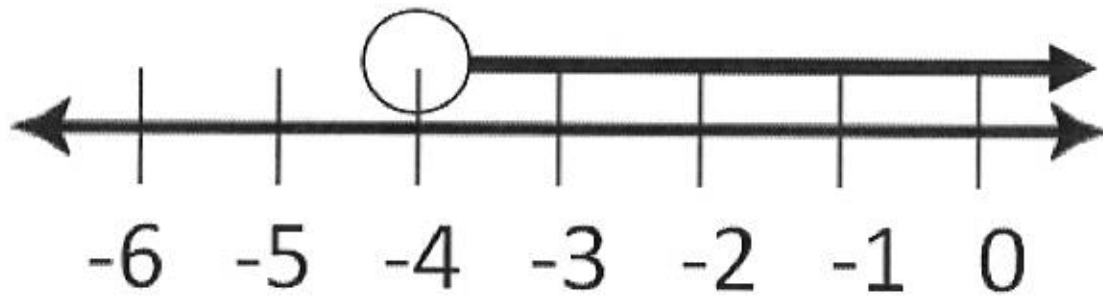
$$3(x+2) \geq 18$$

$$x \geq 4$$



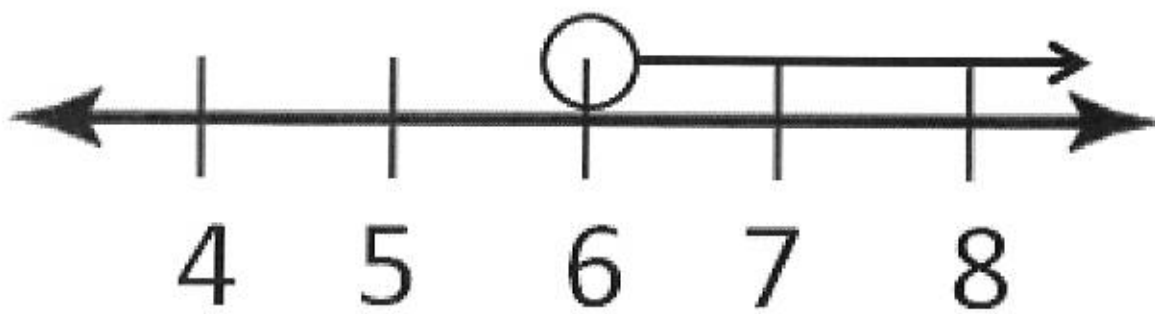
Find the graph to the inequality.

$$\frac{x}{2} - 3 > -5$$

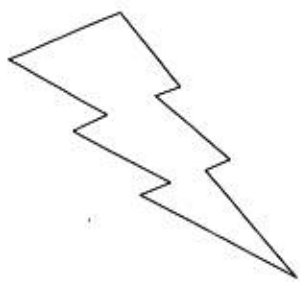


Find the graph to the inequality.

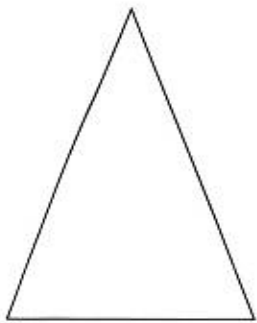
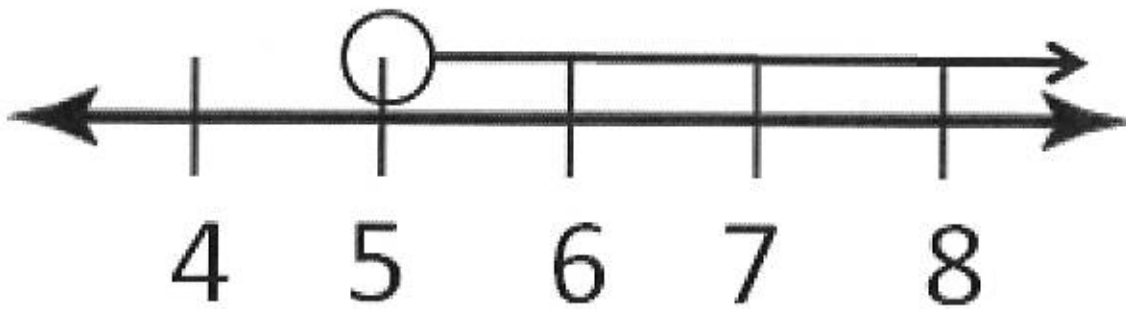
$$6x > 36$$



Solve and find the graph to the inequality.



$$-3x - 5 < -20$$



Solve the inequality.

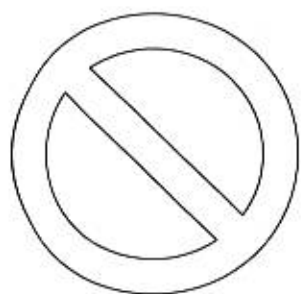
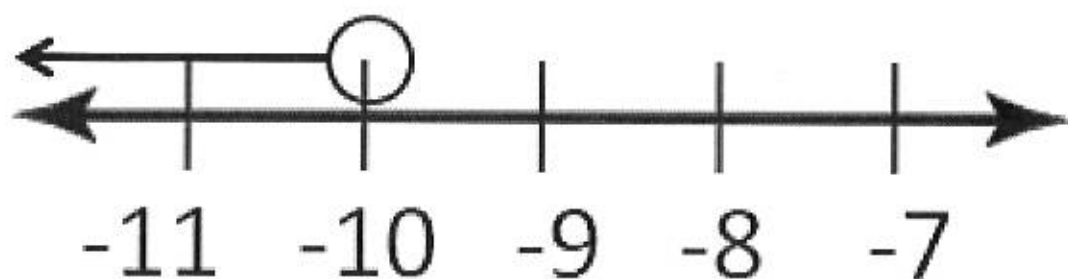
$$-2(x - 3) \geq -6$$

$$x \leq 6$$



Find the graph for the inequality.

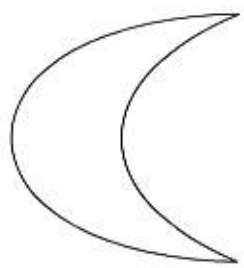
$$\frac{x}{-5} > 2$$



Solve the inequality.

$$x \div 5 < -3$$

$$x < -15$$



Solve the inequality.

$$3(x + 2) < 6$$

$$x < 0$$



Graph the following inequality.

$$x \leq -2$$