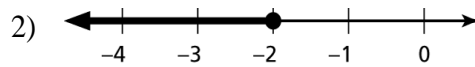
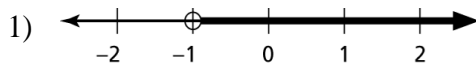


Inequalities Review

<u>Inequality Symbols</u>				
<u>Symbol</u>	<	>	≤	≥
<u>Key Phrases</u>	<ul style="list-style-type: none"> • is less than • is fewer than 	<ul style="list-style-type: none"> • is greater than • is more than 	<ul style="list-style-type: none"> • is less than or equal to • is at most • is no more than 	<ul style="list-style-type: none"> • is greater than or equal to • is at least • is no less than

Write an inequality for the graph.



Write the word sentence as an inequality.

- 3) A number q plus 7 is less than 45.

- 4) A number x divided by -1 is at least -4 .

- 5) The children in the class are more than 10 years old.

- 6) The minimum cost for parking is \$3.

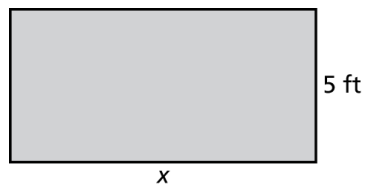
Tell whether the given value is a solution of the inequality.

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

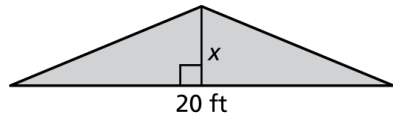
8) $-3 \leq \frac{k}{2}$; $k = -1$

Write and solve an inequality that represents the value of x .

- 9) The perimeter is more than 15 feet.



- 10) The area is no more than 40 square feet.



Solve the inequality.

11) $x - 3 > 7$

12) $m + 2 \leq -4$

13) $6y > 8$

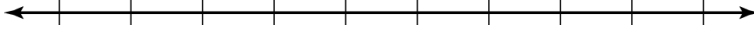
14) $p \div 5 < -3$

15) $4z - 3 \geq -1$

16) $6 > 3(t + 2)$

Write and solve an inequality that represents the value of x .

17) $-4 + x \leq 1$



18) $2 < -\frac{y}{5}$



19) $3(x + 4) \geq 12$

