

Name _____ Date _____

Inequalities Review

Write an inequality for the graph.



Write the word sentence as an inequality.

3) A number x is at most 3.

4) A number y added to 2 is greater than 7.

5) A number c multiplied by 3 is less than -12 .

6) A number m minus 1.5 is no less than 2.

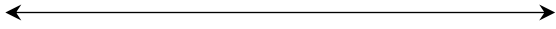
Tell whether the given value is a solution of the inequality.

7) $p + 1.6 \leq 4$; $p = 5$

8) $\frac{1}{2}d > -3$; $d = 0$

Solve the inequality. Graph the solution.

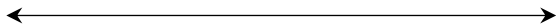
9) $s + 1 \geq -5$



10) $k - 14 \leq -10$



11) $-3.2 < \frac{p}{10}$

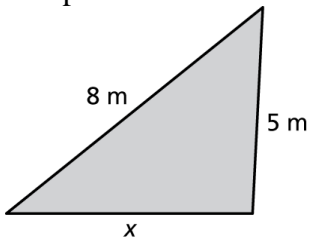


12) $1.6g \geq 0.48$

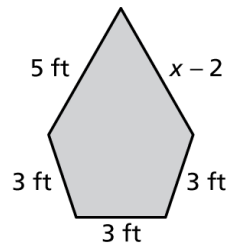


Write and solve an inequality that represents x .

- 13) The perimeter is less than 20 meters.



- 14) The perimeter is at least 18 feet.



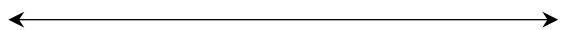
Write the word sentence as an inequality.

- 15) A number divided by 5 is at least 4.

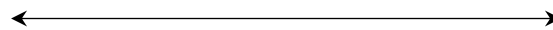
- 16) The product of 2 and a number is at most -6 .

Solve the inequality. Graph the solution.

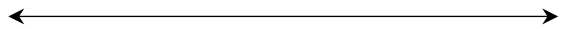
17) $3m - 7 < 2$



18) $-13 \leq -5r + 2$



19) $2(b - 4) > -6$



20) $-8(p + 3) \leq 16$

