Name:



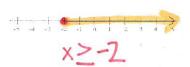
Practice Test

Write an inequality for the graph. Choose your own variable.

· 1.)



2.)



Write the word sentence as an inequality. DO NOT SOLVE!!!

3.) The sum of a number d and 4 is at most 5.

4.) The quotient of a number p and 7 is less than -3.

5.) The product of -2 and a number k is greater than 30.

6.) $\frac{1}{4}$ of a number y is at least 20.

Tell whether the given value is a solution of the inequality. SHOW YOUR WORK

7.) m + 3 < 4 m = -5

8.) $\frac{x}{4} \le 6$ x = 26

26 X 6

母羊6

Solve the inequality and graph your solution.

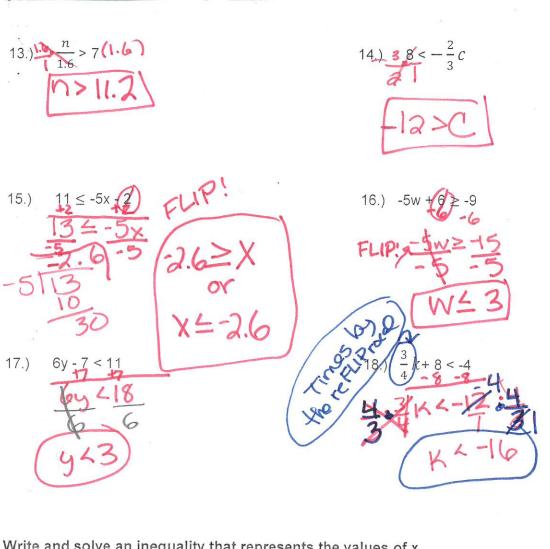
Answers Version

(Practice)

$$\frac{11.}{-6} > P$$

11.)
$$\frac{31}{62} > p + \frac{24}{36}$$

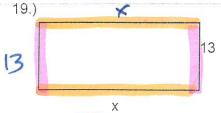
12)
$$4.58 + y \le 2.5$$
 $4.58 + y \le 2.5$



Answers Version (Practice)

13. 17 > 11.2

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



perimeter: sum of all sides area: length · width

b. 13x 439

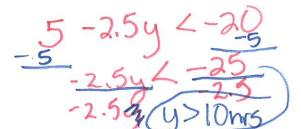
a.) The perimeter is no less than 46cm.

b.) The area is a maximum of $39cm^2$

X = 3cm

X+X+13+13

20.) It is currently 5 outside. The temperature is dropping 2.5° every hour. Write and What solve an inequality that represents the number of hours that must page for the temperature to drop below 20°



phrase: