

NAME

Homework for Wednesday

DATE

5-16-18

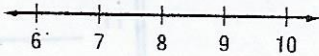
PERIOD

**Skills Practice****Write and Graph Inequalities**FRONT + BACK**Write an inequality for each sentence.**

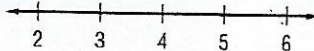
- More than 40,000 fans attended the opening football game at the University of Florida.
- Her earnings were no more than \$86.
- A savings account balance is now less than \$550.
- The number of club members is at least 25.
- The spring calf class at the cattle show is for calves that weigh 825 pounds or less.
- The minimum deposit for a new checking account is \$75.

**Graph each inequality on the number line.**

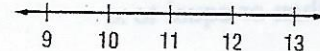
7.  $a < 8$



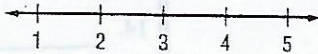
8.  $d \leq 4$



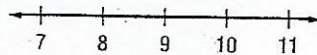
9.  $b \geq 11$



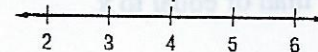
10.  $x > 3$



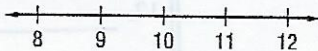
11.  $x < 9$



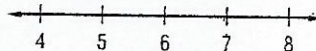
12.  $r \geq 4$



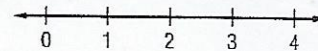
13.  $x > 10$



14.  $x \geq 6$



15.  $x \leq 2$





Write each number sentence as an equation / inequality.

Ex)  $x$  is greater than 77.

*Pay attention to the order of the problem !!*

**Answers**

Ex.  $x > 77$

- 1)  $x$  is greater than or equal to 100.
- 2) 8 is greater than or equal to  $x$ .
- 3) -2 is greater than or equal to  $x$ .
- 4)  $x$  is greater than or equal to 59.
- 5) -76 is greater than or equal to  $x$ .
- 6)  $x$  is less than or equal to 21.
- 7) 21 is greater than  $x$ .
- 8)  $x$  is less than -11.
- 9)  $x$  is less than -66.
- 10) -43 is less than  $x$ .
- 11)  $x$  is greater than or equal to 6.
- 12) 19 is greater than or equal to  $x$ .
- 13)  $x$  is greater than or equal to 80.
- 14)  $x$  is greater than -33.
- 15) -100 is greater than or equal to  $x$ .
- 16) 97 is greater than  $x$ .
- 17) -88 is greater than or equal to  $x$ .
- 18)  $x$  is equal to 57.
- 19)  $x$  is less than or equal to -28.
- 20)  $x$  is greater than or equal to -20.

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