

## Chapter 13 Wrap Up

Date \_\_\_\_\_ Period \_\_\_\_\_

**Solve each equation. (Warm-Up)**

1)  $2|n + 2| + 2 = 2$

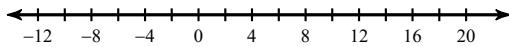
2)  $7|7 - 7x| + 5 = 103$

3)  $7 + 10|2 + 2a| = 87$

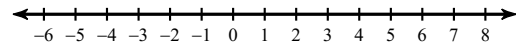
4)  $4|2 + 2x| + 3 = -61$

**Solve each inequality and graph its solution. (Warm-Up)**

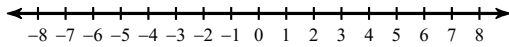
5)  $-2|2n - 9| + 10 > -44$



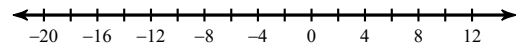
6)  $-8|8a - 2| + 5 \leq 21$



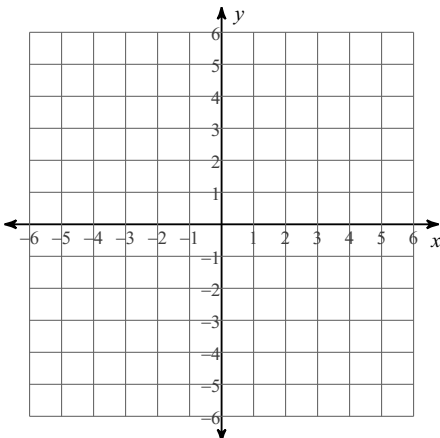
7)  $6|8 + 6p| + 7 \leq -89$



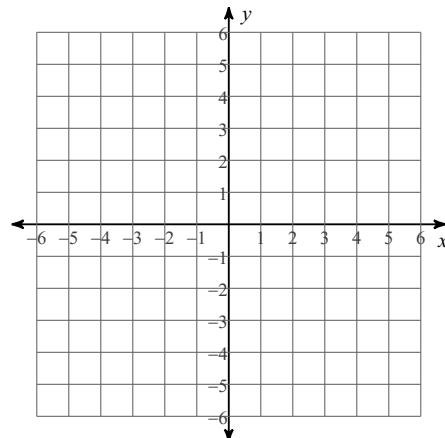
8)  $|7 + 2b| + 3 > 26$

**Graph each equation.**

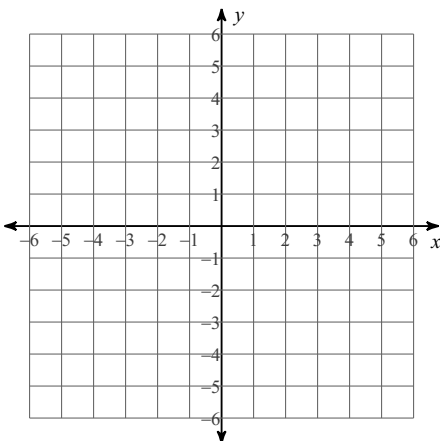
9)  $y = |x + 2|$



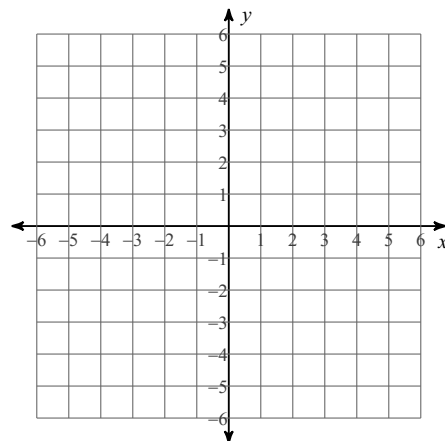
10)  $y = -|x| + 3$



11)  $y = -|x - 2|$

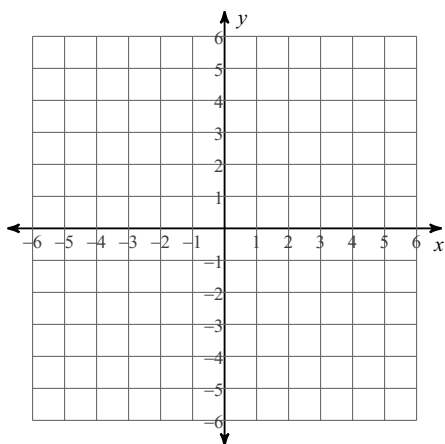


12)  $y = |x - 2| - 1$

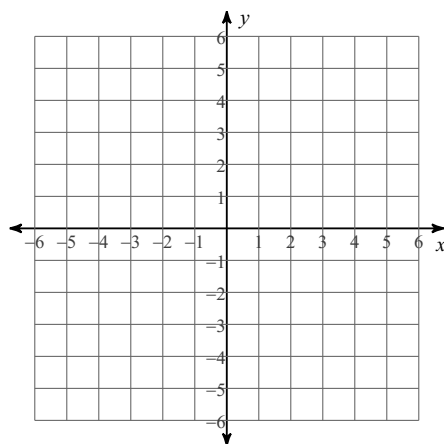


Solve each equation by graphing. State domain and range

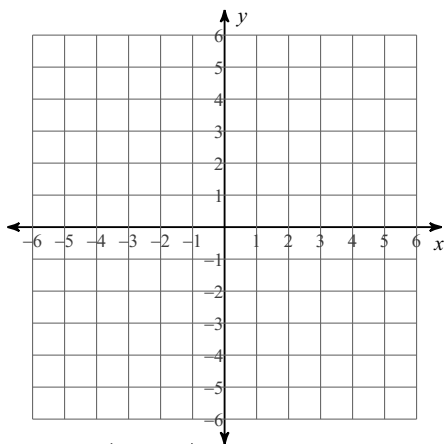
13)  $y = -|x - 2|$



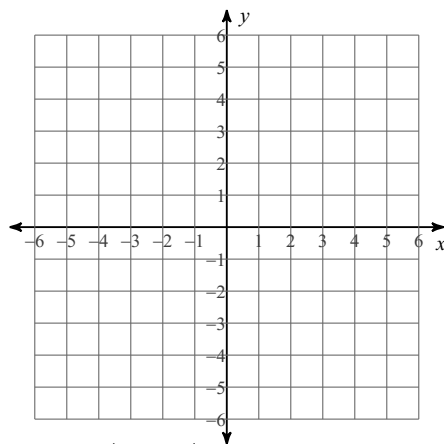
14)  $y = |x| - 1$



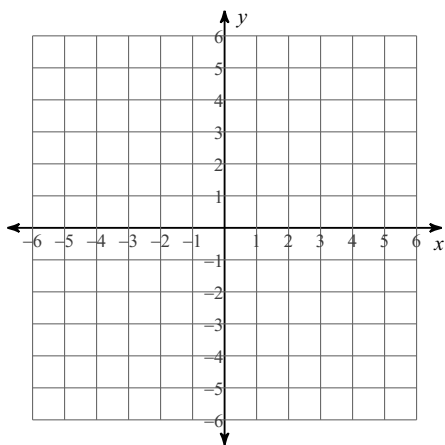
15)  $y = |x| + 4$



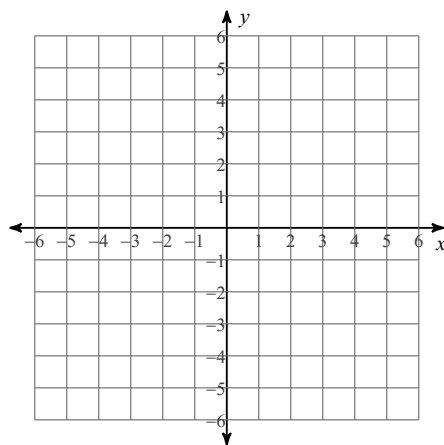
16)  $y = -|x + 4| - 2$



17)  $y = |x + 3| - 3$



18)  $y = |x + 4| + 1$



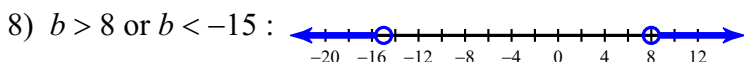
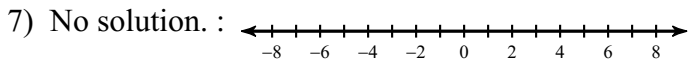
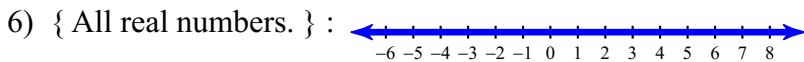
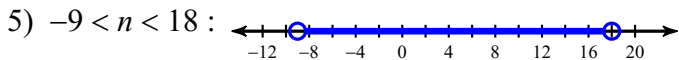
# Answers to Chapter 13 Wrap Up (ID: 1)

1)  $\{-2\}$

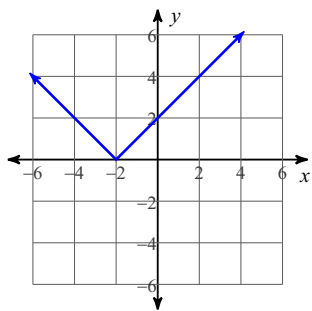
2)  $\{-1, 3\}$

3)  $\{3, -5\}$

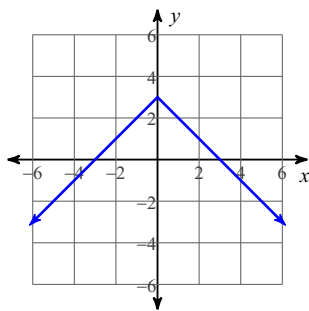
4) No solution.



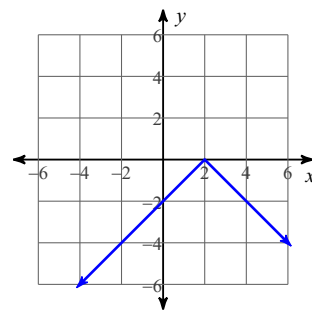
9)



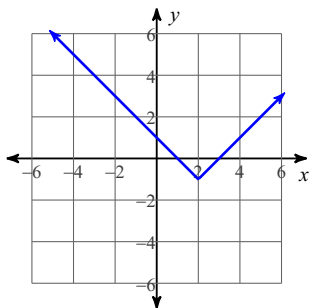
10)



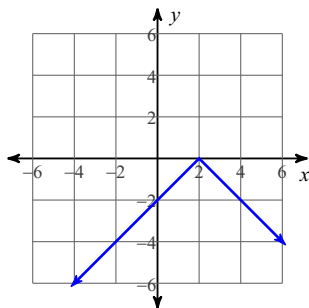
11)



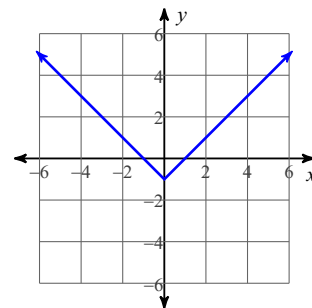
12)



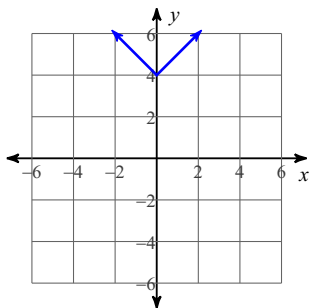
13)



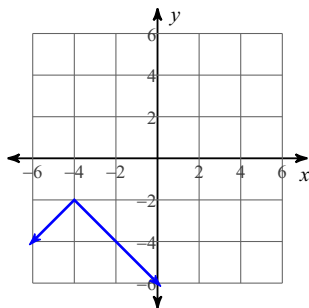
14)



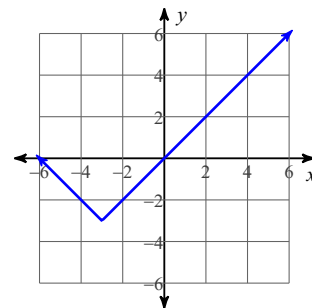
15)



16)



17)



18)

