Name

Homework Section 4.7

Chapter

4

Which numbers are solutions to the inequality?

Answers

 1.

 2.

 3.

 4.

 5.

 6.

 7.

 8.

 9.

 10.

 11.

 12.

 13.

 14.

 15.

 16.

 17.

 18.

 19.

 20.

 21.

1. $x<1:-2,1,2$ **2.** $x>-5:-7,-5,-1$

**3.** $x\leq -9:-12,-4,2$ **4.** $x<-8;-10,-5,0$

**Graph the solution of each inequality.**

**5.** $x\geq 4 $ **6.** $x\leq -2 $

**7.** $x<2$ **8.** $x>-4$

**Write an inequality for each graph.**

**9. **

**10. **

**11. **

**12. **

**13.**  Challenge $If a\geq 9 and 9b then a b. $ $Complete the statement using\leq ,\geq ,<,>or=.$