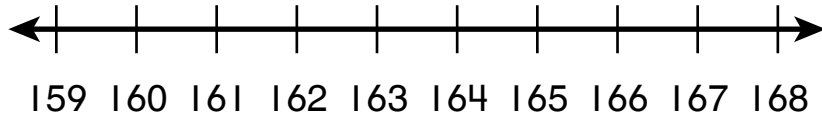


# Homework & Practice 9-9

## Compare Numbers on the Number Line

**Another Look!** Think about the order of numbers.



Numbers go on forever in both directions on a number line. So, 170 is also greater than 167.



**HOME ACTIVITY** Have your child choose a three-digit number. Then ask your child to name a number that is greater than that number and a number that is less than that number.

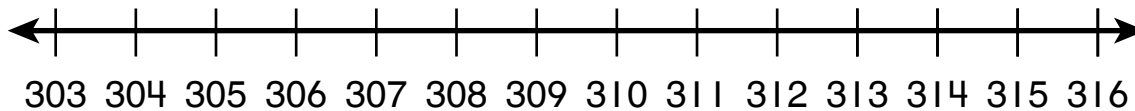
Write a number to make each comparison correct.

160 is **less than** 163.     168 is **greater than** 167.

161 is **greater than** 160 and **less than** 162.



Write a number to make each comparison correct. Use the number line to help you.



- |                                   |                                      |   |
|-----------------------------------|--------------------------------------|---|
| 1. _____ is <b>less than</b> 304. | 2. _____ is <b>greater than</b> 307. | 3. _____ is <b>greater than</b> 314 and <b>less than</b> 316. |
|-----------------------------------|--------------------------------------|---|

**© MP.8 Generalize** Write three different numbers to make each comparison correct. Draw a number line to help if needed.

4.  $805 > \underline{\hspace{2cm}} > 795$   
 $805 > \underline{\hspace{2cm}} > 795$   
 $805 > \underline{\hspace{2cm}} > 795$

5.  $457 < \underline{\hspace{2cm}} < 462$   
 $457 < \underline{\hspace{2cm}} < 462$   
 $457 < \underline{\hspace{2cm}} < 462$

6.  $200 > \underline{\hspace{2cm}} > 190$   
 $200 > \underline{\hspace{2cm}} > 190$   
 $200 > \underline{\hspace{2cm}} > 190$

7. **Higher Order Thinking** Match each soccer player with a team number. Write the number in the box.

Team Numbers			
192	319	198	420

My number is greater than 197 and less than 199.

My number is less than Carlos's number.

My number is less than 421 and greater than 419.

My number is greater than Carlos's number and less than Marta's number.



          
**Carlos**



          
**Jada**



          
**Marta**



          
**Jackson**

8. **© Assessment** Which comparisons are correct? Choose all that apply.

- $294 < 293$                         $296 > 295$   
  $295 < 298$                         $297 = 297$

9. **© Assessment** Write two numbers that are less than 909 and greater than 868. Explain how you know.