

MAIN IDEA

- Compare and order integers.

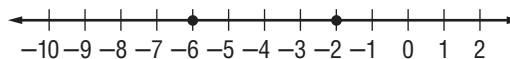
REMEMBER IT

On a number line, the number to the left is always less than the number to the right.

**EXAMPLE Compare Integers**

- 1** Replace \bullet with $<$ or $>$ to make $-2 \bullet -6$ a true sentence.

Graph -2 and -6 on a number line. Then compare.



Since -2 is to the of -6 , -2 -6 .

Check Your Progress

Replace \bullet with $<$ or $>$ to make $-7 \bullet -3$ a true sentence.

EXAMPLE Order Integers

- 1** Order 18, 0, -10 , and 12 from greatest to least.

Graph the numbers on a number line.



The order from greatest to least is .

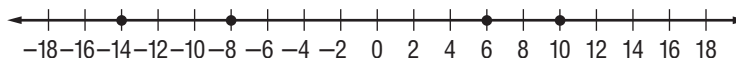
Check Your Progress

Order 20, -4 , -20 , and 5 from greatest to least.

EXAMPLE

3 WEATHER The average daily low temperatures in four northern towns are 6, -14 , 10, and -8 degrees Fahrenheit. Order the temperatures from least to greatest.

First, graph each integer. Then, write the integers as they appear on the number line from to .



The order from the least to greatest is .

Check Your Progress

GOLF The final scores for four golfers competing in a tournament are 2, -5 , 4, and -1 . Order the scores from least to greatest.

HOMEWORK ASSIGNMENT

Page(s):

Exercises: