

## 1.4

## Practice B

For use with pages 22–26

Graph the integers on a number line. Then write the integers in order from least to greatest.

1.  $-14, -11, -13, -9, -20, -7$

2.  $-30, 20, 10, -15, -5, 35$

3.  $0, -1, 1, -2, 2, -3, 3$

4.  $40, -50, 60, 20, -30, -10$

Complete the statement using  $<$  or  $>$ .

5.  $-9 \underline{\quad ? \quad} -17$

6.  $-20 \underline{\quad ? \quad} -12$

7.  $15 \underline{\quad ? \quad} -18$

8.  $0 \underline{\quad ? \quad} -24$

9.  $-32 \underline{\quad ? \quad} 21$

10.  $27 \underline{\quad ? \quad} -14$

State the absolute value of the number.

11.  $-73$

12.  $-80$

13.  $16$

14.  $106$

15.  $-34$

16.  $-54$

State the opposite of the number.

17.  $-98$

18.  $-77$

19.  $45$

20.  $70$

21.  $63$

22.  $-23$

Evaluate the expression when  $x = -7$ .

23.  $|-x|$

24.  $|x| + 4$

25.  $2|x|$

26.  $6|x|$

27.  $|x| - 5$

28.  $|x| + 14$

29.  $-x - 3$

30.  $-x + 10$

31. The table shows the daily low temperatures recorded over a seven-day period in a town.

- Did the daily low temperature *increase* or *decrease* from Tuesday to Wednesday?
- Did the daily low temperature *increase* or *decrease* from Thursday to Saturday?
- Which day's low temperature was lowest? Which was highest?

Day	Temperature
Sunday	$-10^{\circ}\text{C}$
Monday	$-5^{\circ}\text{C}$
Tuesday	$-11^{\circ}\text{C}$
Wednesday	$-10^{\circ}\text{C}$
Thursday	$-6^{\circ}\text{C}$
Friday	$-7^{\circ}\text{C}$
Saturday	$-9^{\circ}\text{C}$