Name _____ Date _____ Class _____

Skill: Integers

Accentuate the Negative

Name the integer represented by each point on the number line.

1. *A* **2.** *B* **3.** *C* **4.** *D* **5.** *E* **6.** *F*

Insert <, >, or = to make a true sentence.

7. -8 ☐ 8 **8.** 4 ☐ -4 **9.** -8 ☐ 0

10. -6 ☐ -2 **11.** -1 ☐ -3 **12.** $|-4|$ ☐ 0

Graph each integer and its opposite on the number line.

13. -9 **14.** 5

15. 6 **16.** 7

17. 8 **18.** -2

Order the integers in each set from least to greatest.

19. $0, -5, 5, -15, 15, 25, -25$ **20.** $6, -4, -8, 3, 1, -2, 7$

21. $27, -10, -6, -18, 3, 9, -8$ **22.** $-3, -7, 7, 4, -9, -4, -1$

Skill: Integers *(continued)*

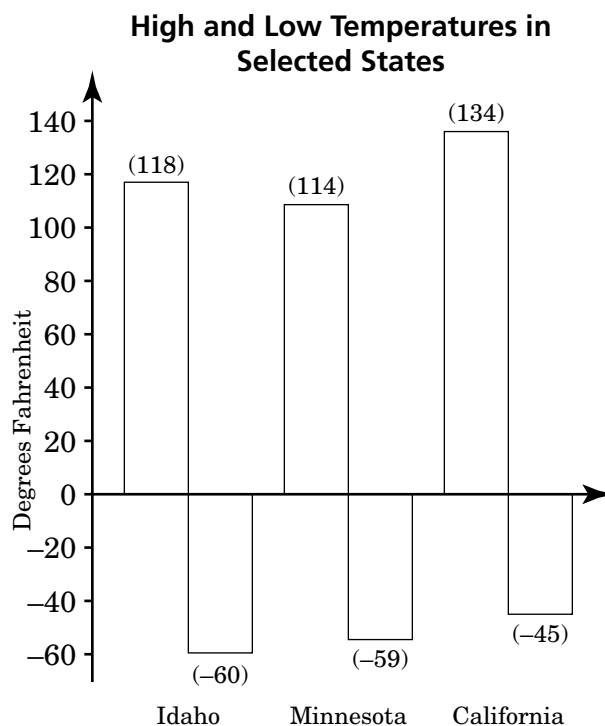**Use the information in the graph at the right for Exercises 23–26.**

23. The highest outdoor temperature ever recorded in Nevada, 122°F, was recorded on June 23, 1954. Was it ever that hot in Idaho? Explain.

High and Low Temperatures in Selected States

```
        140 ┤                              (134)
            │ (118)                         ┌──┐
        120 ┤ ┌──┐           (114)          │  │
        100 ┤ │  │           ┌──┐           │  │
         80 ┤ │  │           │  │           │  │
         60 ┤ │  │           │  │           │  │
         40 ┤ │  │           │  │           │  │
         20 ┤ │  │           │  │           │  │
          0 ┼─┤  ├───────────┤  ├───────────┤  ├──►
        -20 ┤ │  │           │  │           │  │
        -40 ┤ │  │           │  │           └──┘
            │ │  │           │  │          (-45)
        -60 ┤ └──┘           └──┘
             (-60)          (-59)
            Idaho       Minnesota    California
```
Degrees Fahrenheit

24. Which state had a recorded high temperature of 134°F?

25. The lowest temperature ever recorded in Maine, −48°F, was recorded on January 17, 1925. Was it ever that cold in Minnesota? Explain.

26. Which state on the graph had a recorded low temperature of 60°F below zero?

Write a number sentence to show each result.

27. The varsity football team gained 7 yards on one play and then lost 4 yards.

28. The airplane descended 140 feet and then rose 112 feet.

29. The squirrel climbed 18 inches up a tree, slipped back 4 inches, and then climbed up 12 inches more.

30. The temperature was 72°F at noon. At midnight a cold front moved in, dropping the temperature 12°F.