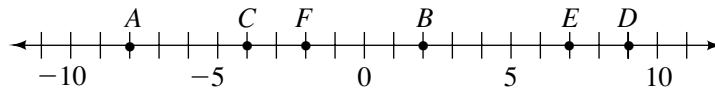


Skill: Integers

Investigation 1

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*

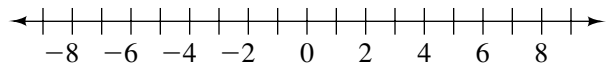
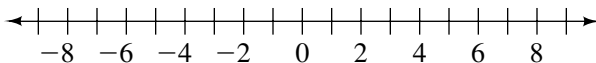
Insert $<$, $>$, or $=$ to make a true sentence.

7. $-8 \square 8$ 8. $4 \square -4$ 9. $-8 \square 0$
 10. $-6 \square -2$ 11. $-1 \square -3$ 12. $|-4| \square 0$

Graph each integer and its opposite on the number line.

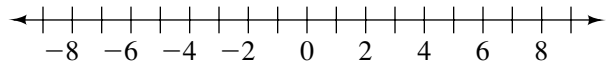
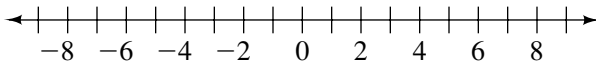
13. -9

14. 5



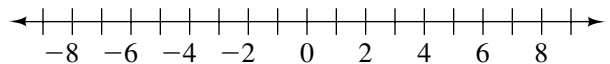
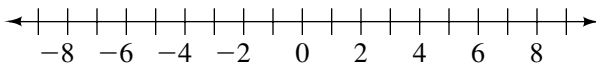
15. 6

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)*

Investigation 1

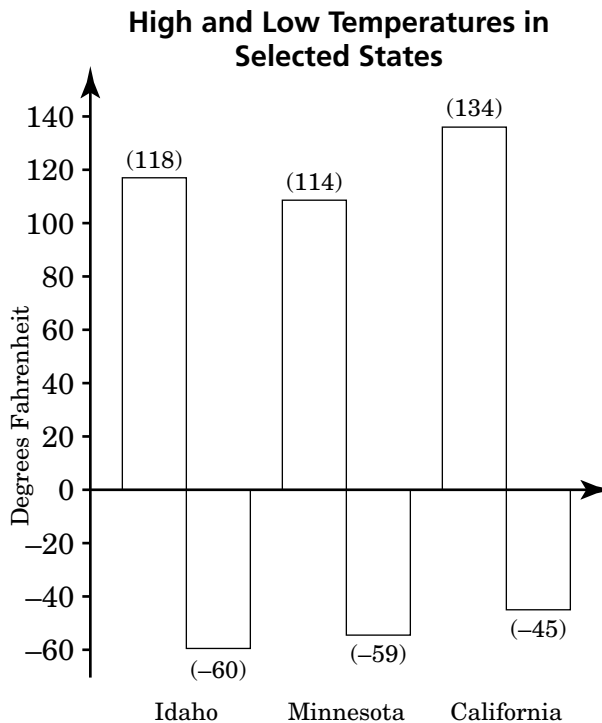
Accentuate the Negative

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.

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.