LESSON 2.3 Practice A
For use with pages 80–85

Write the opposite of the number.

1. -5

2. 6.25

3. $-\dfrac{1}{2}$

Find the difference.

4. $15 - (-3)$

5. $18 - (-21)$

6. $-5 - (-6)$

7. $-11 - (-19)$

8. $-24 - (-35)$

9. $24 - (-8)$

10. $-9 - (-12)$

11. $-15 - (-36)$

12. $-10 - (-55)$

13. $17.5 - (-5)$

14. $14.2 - (-3.6)$

15. $-7.2 - (-5.1)$

Evaluate the expression when $x = 2.5$ and $y = -4$.

16. $y - x$

17. $x - y$

18. $y - x + 3$

19. $y - 8 - x$

20. $x - 4 - y$

21. $-y + 12 + x$

22. $x + y - 6$

23. $10.5 - x - y$

24. $x + 3.5 - y$

25. $4.5 - x - y$

26. $6.5 - x + y$

27. $y + 4 - (-x)$

Find the change in temperature or elevation.

28. From $-8°C$ to $-20°C$

29. From $-10°F$ to $32°F$

30. From $10°F$ to $-7°F$

31. From -400 feet to -200 feet

32. From 600 meters to -50 meters

33. From -5 yards to 4 yards

34. Elevations The highest point in Long Beach, California is at 360 feet. The lowest point in Long Beach is at -7 feet. What is the difference in the elevations?

35. Moon The average daytime temperature on the surface of the moon is $107°C$ and the average nighttime temperature on the surface of the moon is $-153°C$. What is the change in temperature from nighttime to daytime?

36. Scuba Diving You are scuba diving at a depth of 50 feet below sea level. Thirty minutes later, you are at a depth of 42 feet below sea level. What is your change in depth? Did you go up or down?

37. Gasoline Prices The table shows the average weekly prices (in dollars) of a gallon of regular gasoline during a month at a gas station. Determine the change in the price per gallon each week. Find the total of these changes to determine the total change in the price per gallon over the 4 weeks.

Week	1	2	3	4
Price per gallon (dollars)	2.10	2.15	2.09	2.11

LESSON 2.3

Algebra 1