

**4-9 More Equations** (continued)

Solve. Check each solution.

- |                       |                          |                      |
|-----------------------|--------------------------|----------------------|
| 16. $5n + 3n = 32$    | 17. $120 = 9n + 6n$      | 18. $9y - y = -48$   |
| 19. $17w + 5w = -88$  | 20. $18 = c + c$         | 21. $6a + a = 140$   |
| 22. $8a + 6 - 5a = 6$ | 23. $63 = -15b - 6b$     | 24. $14n + 6n = 240$ |
| 25. $z - 5z = 16$     | 26. $-4x - 10x = 28$     | 27. $t + 2t = 39$    |
| 28. $30 = 8y + y$     | 29. $15q - 18q - 12 = 9$ | 30. $7p - 6 - p = 3$ |

**Spiral Review**

31. As part of her pilot training, Peggy Yang flew solo on a cross-country flight. The first leg of the trip covered 75 mi at 3000 ft. The second leg covered 42 mi and the third leg covered 89 mi. The total flying time was 2 h and 15 min. (Lesson 1-4)

- What is the paragraph about?
- How many miles did Peggy cover on the second leg of the flight?
- Identify any facts that are not needed to find the total distance covered on Peggy's flight.
- Describe how you would find Peggy's average flying speed.

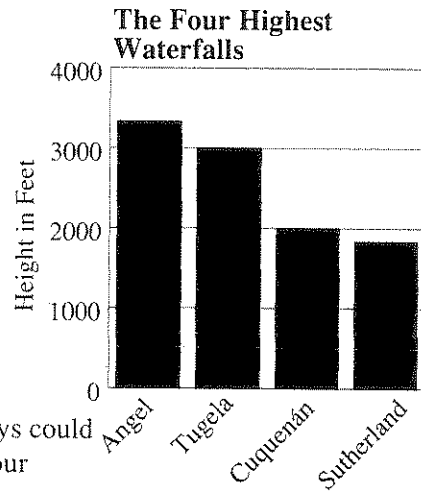
32. Estimate the sum:  $345 + 192 + 260$  (Toolbox Skill 2)

33. Use the bar graph at the right. Find the height of the waterfall named Cuquenán. (Toolbox Skill 24)

34. Solve:  $3(7x - 2) = 99$  (Lesson 4-9)

35. Find the next three numbers in the pattern: 25, 21, 17, 13,    ,    ,     (Lesson 2-5)

36. Abdul has only nickels, dimes, and quarters. In how many ways could he give \$.45 change? You may use the table below to show your work. (Lesson 3-7)



Nickels										
Dimes										
Quarters										
TOTAL										