1. -5.3

2. 15.4

3. 26.1

4. 3.54

5. 10.73

6. 8.8

7. $s + 600 \approx 687$; about 87 days

8. $c + 1{,}855.3 = 4{,}360.3$; 2,505 lb

9. 23.7

10. 43.2

11. -0.8

12. 2.4

13. 5.3

14. -94.2

15. $x - 13.50 = 26.50$; $40

16. $584.43

17. 1.2, 1.2; 13.8; subtract 1.2 from each side; simplify.

18. 3.33, 3.33; 15.75; add 3.33 to each side; simplify.

19. $r - 23.86 = 19.32$; 43.18 s

20. $t + 17.8 \approx 18$; about 0.2 mi/h

21. 7.285

22. 0

23. 1.1

24. 9.502

25. -10.5

26. -23.95

27. 1.2

28. 1.1

29. 11

30. The student should have added 1.6 to each side.

31. Add −1.8 to each side.

32. 35.773

33. 2,247.995

34. Explanations may vary. Sample: The solution of the first equation is 10 times the solution of the second equation, which, in turn, is 10 times the solution of the third equation because the numbers in the equations are related in the same way.