Answer Presentation Tool

Book   Algebra 1   ▼   Chapter   1   ▼

Section   2 - Exercises   ▼

Exercises   1, 2, 3-25 odd, 35, 37, 41   (65 exercises)

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1. like terms

2. Use the Distributive Property to simplify, then solve for x; Solve for the expression $4x - 11$, then solve for x.

3. $w = 4$

5. $q = 1$

7. $z = -32$

9. $h = 4$

11. $y = 4$

13. $v = 3$

15. 6 min

17. $z = 3$

19. $m = 3$

21. $c = 5$

23. $x = 29$

25. $k = 45; 45°, 90°, 45°$

35. $30(8.75) + 11t = 400$; 12.5 h

37. $1.08(2t + 2.50) + 3 = 13.80$; \$3.75

41. In the third step, the right side should be 8×4, not $8 \div 4$; $x - 2 = 32$; $x = 34$

47. no; Solving the equation $0.25(d + 8) + 0.10d = 2.80$ results in the number of dimes not being a whole number.

50. a. greater than 20; The attendance at the second meeting is only 1 above 20, and the attendance at the other two is more than 1 below 20, so the attendance at the fourth meeting must be greater than 20 to have a mean of 20.

    b. *Sample answer:* 24

    c. Use the mean formula to find the attendance at the fourth meeting.