

Practice 4-3

Solving Equations by Adding or Subtracting

Solve each equation. Check your answer.

1. $n + 2 = 5$

2. $x - 1 = -3$

3. $7 = a + 2$

4. $p + 2 = -6$

5. $-9 = -4 + a$

6. $-2 = c + 2$

7. $x - (-3) = 7$

8. $a + (-6) = 5$

9. $16 + s = 6$

10. $p + (-2) = 19$

11. $r - 7 = -13$

12. $25 = a - (-3)$

Use a calculator, paper and pencil, or mental math. Solve each equation.

13. $t + 43 = 28$

14. $-19 = r + 6$

15. $25 = r + 7$

16. $13 = 24 + c$

17. $d - 19 = -46$

18. $b + 27 = -18$

19. $46 = f - 19$

20. $z - 74 = -19$

21. The odometer on your family car reads 20,186.7 after going 62.3 miles. Write and solve an equation to determine how many miles were on the odometer before going 62.3 miles.

22. Michael bought a \$25.00 gift for a friend. After he bought the gift, Michael had \$176.89. Write and solve an equation to calculate how much money Michael had before he bought the gift.

23. This spring it rained a total of 11.5 inches. This was 3 inches less than last spring. Write and solve an equation to find the amount of rain last season.

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