

Practice 2-6

Solving Addition and Subtraction Equations

Solve each equation. Then check each solution.

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|---|-------------------------------------|--------------------------------------|-------------------------------------|
| 1. $h + 3.6 = 8.6$
$h =$ _____ | 2. $b - 7 = 12.3$
$b =$ _____ | 3. $9 + t = 12.4$
$t =$ _____ | 4. $10 - a = 3.4$
$a =$ _____ |
| 5. $r + 2.2 = 5.7$
$r =$ _____ | 6. $n - 6.2 = 11.4$
$n =$ _____ | 7. $8 + j = 15.34$
$j =$ _____ | 8. $14.3 - g = 6.3$
$g =$ _____ |
| 9. $m + 7.3 = 9.1$
$m =$ _____ | 10. $d - 10.3 = 1.8$
$d =$ _____ | 11. $6.3 + f = 10.5$
$f =$ _____ | 12. $3.9 - c = 3.1$
$c =$ _____ |
| 13. $q + \$18.30 = \20
$q =$ _____ | 14. $k - 5.1 = 2.9$
$k =$ _____ | 15. $3.89 + x = 5.2$
$x =$ _____ | 16. $18.4 - u = 9.6$
$u =$ _____ |
| 17. $e + 2.7 = 10$
$e =$ _____ | 18. $r - 7.5 = 3.1$
$r =$ _____ | 19. $5.62 + p = 5.99$
$p =$ _____ | 20. $8.3 - y = 2.7$
$y =$ _____ |

Write and solve an equation. Then check each solution.

21. The top three best-selling albums of all time are Michael Jackson's *Thriller* (24 million copies), Fleetwood Mac's *Rumours* (17 million copies), and Boston's *Boston* (b million copies). The three albums sold a combined total of 56 million copies. How many million copies of *Boston* were sold?
- _____
22. Yesterday, Stephanie spent \$38.72 on new shoes and \$23.19 on computer software. When she was finished, she had \$31.18. How much money did she have before she went shopping?
- _____
23. The owner of a used music store bought a compact disc for \$4.70 and sold it for \$9.45. Write and solve an equation to find the profit.
- _____

Solve each equation.

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|-------------------------|-------------------------|--------------------------|
| 24. $x - 10 = 89$ _____ | 25. $n + 14 = 73$ _____ | 26. $15 - y = 14$ _____ |
| 27. $38 + b = 42$ _____ | 28. $x - 7 = 77$ _____ | 29. $a + 22 = 120$ _____ |
| 30. $42 - z = 16$ _____ | 31. $19 + m = 19$ _____ | 32. $d - 6 = 52$ _____ |