

Practice 3-5

Solving Addition Equations

Solve each equation. Then check the solution. Remember, you can draw a diagram to help you solve an equation.

1. $38 + b = 42$

2. $n + 14 = 73$

3. $h + 3.6 = 8.6$

4. $12.4 = 9 + t$

5. $m + 7.3 = 9.1$

6. $5.62 + p = 5.99$

Write and solve an equation. Then check each solution.

7. The height of the male giraffe in one zoo is 17.3 feet. The male is 3.2 feet taller than the female giraffe. How tall is the female giraffe?

8. The top three best-selling record 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 copies of *Boston* were sold?

Solve each equation. Then check the solution.

9. $a + 22 = 120$

10. $10 = e + 2.7$

11. $3.89 + x = 5.2$

Puzzle 3-5

Solving Addition Equations

Solve each equation. Then put the letter of the variable above its value to solve the puzzle.

$23 + a = 48$ $a =$ _____ $o + 3.7 = 6.2$ $o =$ _____

$c + 12 = 39$ $c =$ _____ $48 + e = 71$ $e =$ _____

$4.3 + g = 7.1$ $g =$ _____ $k + 2.9 = 9.3$ $k =$ _____

$m + 8.5 = 13.7$ $m =$ _____ $20 + n = 32$ $n =$ _____

$34 + r = 62$ $r =$ _____ $i + 17 = 20$ $i =$ _____

$s + 17 = 38$ $s =$ _____ $36 + t = 49$ $t =$ _____

$21 + d = 52$ $d =$ _____ $2.9 + f = 9.1$ $f =$ _____

$6.7 + p = 10.4$ $p =$ _____ $l + 7.9 = 12.5$ $l =$ _____

$w + 31 = 50$ $w =$ _____ $z + 23.8 = 41.8$ $z =$ _____

Arkansas' _____
 2.5 18 25 28 6.4 12 25 13 3 2.5 12 25 4.6

_____ covers more than one million acres!
 6.2 2.5 28 23 21 13