

7.2 B Solve Equations with Add/Sub Assignment

Name _____ Period _____

Tell whether the given value is a solution of the equation. (Yes or No)

1. $x + 16 = 20$; $x = 4$ 2. $p - 4 = 28$; $p = 32$ 3. $4w = 44$; $w = 10$ 4. $\frac{y}{6} = 6$; $y = 24$

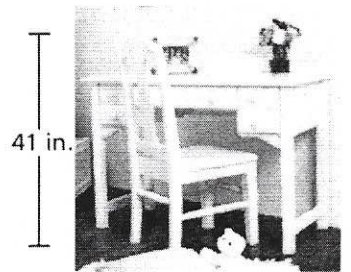
Solve the equation. Check your solution.

5. $x - 5 = 9$ 6. $y - 12 = 0$ 7. $q + 8 = 25$
8. $f - 22 = 14$ 9. $8 + s = 10$ 10. $r - 3.2 = 1.7$
11. $8.9 = v + 7.3$ 12. $\frac{1}{3} + n = \frac{2}{3}$ 13. $\frac{2}{3} = \frac{1}{4} + g$

Write the word sentence as an equation. Then solve the equation.

14. 20 equals 8 more than a number y . 15. The sum of a number x and 12 equals 15.

16. 4 less than a number g equals 9. 17. A number w decreased by 10 is 3.



18. The height of a desk is 41 inches tall. The desk is 11 inches shorter than the height of a chair. Write and solve an equation to find the height of the desk.
19. The Florida Panther has an average height of 30 inches. It is 20 inches taller than the Northern Mockingbird. Write and solve an equation to find the average height of the Northern Mockingbird.