

7.2 B Practice

For use after Lesson 7.2

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

1. $34 + x = 46$; $x = 12$

2. $y - 9 = 14$; $y = 22$

3. $6d = 54$; $d = 9$

4. $\frac{n}{3} = 13$; $n = 39$

Solve the equation. Check your solution.

5. $7 + k = 11$

6. $p - 24 = 13$

7. $b - 16 = 7$

8. $\frac{2}{5} + m = \frac{5}{6}$

9. In the heavyweight class of professional wrestling, the junior weight limit is 190 pounds. This is 15 pounds heavier than the light heavyweight limit. Write and solve an equation to find the weight limit of the light heavyweight class.