

2-Step Practice**Solving Two-Step Equations**
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Solve each equation.

1. $4r + 6 = 14$

2. $9y - 11 = 7$

3. $\frac{1}{4}x + 6 = 3$

4. $\frac{k}{-9} + 6 = -4$

5. $-5b - 6 = -11$

6. $\frac{v}{-7} + 8 = 19$

7. $3t + 17 = -10$

8. $\frac{1}{6}n + 7 = 12$

9. $4b + 26 = 50$

Write and solve an equation to answer the question.

A) Define variable B) Write equation C) Solve

10 A health club charges a \$50 initial fee plus \$2 for each visit. Moselle has spent a total of \$144 at the health club this year. Use an equation to find how many visits she has made.

11 To hire Painter Plus to paint your house they charge you a one time fee of \$50 to cover transportation, supplies, and other expenses. They then charge \$10 for every hour it takes to paint your house. If you owe Painter Plus \$130 how long did it take them to paint your house?

12. Solve for x : $-4x + 1 = -13$

Find the value of $2x$. (Hint: solve for x , then find $2 \cdot x$).