

# Practice 2-5 Solving Two-Step Equations

Solve each equation. Check your answer to see if it makes sense.

1.  $7m + 8 = 71$

2.  $\frac{y}{7} + 6 = 11$

3.  $12y + 2 = 146$

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4.  $\frac{m}{9} - 17 = 21$

5.  $\frac{y}{-12} + 1 = 6$

6.  $\frac{c}{9} - 8 = 17$

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7.  $3d + 14 = 11$

8.  $-2y + 16 = 10$

9.  $4w - 26 = 82$

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Match each sentence with a two-step equation.

10. Half of the height of a tree minus five equals fifteen.

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A.  $3n - 2 = 12$

11. Two less than three times the number of feet of fencing required equals twelve feet.

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B.  $3n + 2 = 12$

C.  $\frac{n}{2} - 5 = 15$

12. Eight less than the quotient of Dave's golf score and four equals negative five.

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D.  $\frac{n}{4} - 8 = -5$

13. Three times Gail's age increased by two years equals twelve years.

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