

Solve and Write Subtraction Equations

Guided Practice

Solve each equation. Check your solution. (Example 1)

1. $a - 5 = 9$

2. $b - 3 = 7$

3. $4 = y - 8$

Show
your
work.

4. Catherine studied 1.25 hours for her science test. This was 0.5 hour less than she studied for her algebra test. Write and solve a subtraction equation to find how long she studied for her algebra test. (Examples 2 and 3)

Independent Practice

Solve each equation. Check your solution. (Examples 1 and 3)

1. $c - 1 = 8$

2. $t - 7 = 2$

3. $1 = g - 3$

Show
your
work.

4. $a - 2.1 = 5.8$

5. $a - 1.1 = 2.3$

6. $4.6 = e - 3.2$

7. Pete is 15 years old. This is 6 years younger than his sister Victoria. Write and solve a subtraction equation to find Victoria's age. (Example 2)
8. A CD costs \$14.95. This is \$7.55 less than the cost of a DVD. Write and solve a subtraction equation to find the cost of the DVD. (Example 3)


9. If $b - 10 = 5$, what is the value of $b + 6$? _____

Solve each equation. Check your solution.

10. $m - \frac{1}{3} = \frac{2}{3}$

11. $n - \frac{1}{4} = \frac{3}{4}$

12. $s - \frac{1}{3} = \frac{7}{9}$

 Alejandra spent her birthday money on a video game that cost \$24, a controller for \$13, and a memory card for \$16. The total tax was \$3. Write and solve a subtraction equation to find how much money Alejandra gave the cashier if she received \$4 in change.

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Standardized Test Practice

13. Which of the following is true concerning $x - 5 = 13$?

- (A) To find the value of x , add 5 to each side.
- (B) To find the value of x , subtract 5 from each side.
- (C) To find the value of x , add 13 to each side.
- (D) To find the value of x , subtract 13 from each side.

Solve each equation. Check your solution.

19. $f - 1 = 5$

Homework Help 

$$\begin{array}{r} f - 1 = 5 \\ + 1 = + 1 \\ \hline f = 6 \end{array}$$


20. $2 = e - 1$


21. $r - 3 = 1$

22. $z - 6.3 = 2.1$

23. $t - 9.25 = 5.45$

24. $k - 32.9 = 16.5$

25.  Use Math Tools North Carolina has 12 less electoral votes than Florida. Write and solve a subtraction equation to find the number of electoral votes for Florida. _____

Electoral Votes	
State	Number of Votes
Florida	
North Carolina	15