

**Quiz: Solving Equations Multiple Choice**

Identify the letter of the choice that best completes the statement or answers the question. Show all work

1.  $x + 5 = 7$   
a. 3  
b. 2  
c. -2  
d. 1
2.  $4 = m - 6$   
a. 2  
b. -2  
c. -10  
d. 10
3.  $-2 = 7 + x$   
a. -8  
b. -10  
c. 9  
d. -9
4.  $-1 + m = 16$   
a. -15  
b. 15  
c. -17  
d. 17
5.  $x + 10 = 4$   
a. 14  
b. 6  
c. -6  
d. -14
6.  $x - 8 = 7$   
a. 1  
b. -15  
c. 15  
d. -1
7. Solve  $y - (-11) = -15$   
a. -4  
b. 26  
c. 4  
d. -26
8. Solve  $-4 - m = -8$   
a. -12  
b. -4  
c. 12  
d. 4
9. What is the solution of  $y + (-18) = -37$   
a. -21  
b. 21  
c. 19  
d. -19
10. What is the solution of  $m - 13 = -8$   
a. 5  
b. -21  
c. 21  
d. -5
11. The difference of two integers is 26. The lesser integer is -50. What is the greater integer?  
a. 76  
b. -76  
c. 24  
d. -24

## Short Answer

Solve the equation.

12.  $x + 5 = -1$

13.  $-8 = w - (-8)$

*Solve the equation.*

14.  $x + 5 = 4$

15.  $-16 = x - 72$