

Solving All Equations Review

Name _____ Hr.

1. $x - 6 = -13$

2. $\frac{x}{5} = 3$

3. $3.23x = 12.61$

4. $2 + x = -13$

5. $\frac{x}{-4} = 3$

6. $-8.85 + x = -3.61$

7. $12a - 12 = 72$

8. $\frac{b}{13} + 12 = 19$

9. $-7n + 13 = 62$

10. $\frac{d}{-3} - 9 = 4$

11. $7z - 23 = 47$

12. $4(x - 6) = 64$

13. $6x - 3(4x + 2) = 66$

14. $-7x - 3(-x - 4) = 44$

15. $6x + 3(3x - 6) = -138$

16. $-7x - 6(-6x - 10) = -85$

17. $3(x - 4) = 3x - 12$

18. $6x = 4(x + 5)$

19. $9 + 5a = 2a + 9$

20. $a - 4a = 2a + 1 - 5a$

21. $5m - 2(m + 2) = -(2m + 15)$

22. $\frac{3}{5}k - \frac{1}{10}k = \frac{1}{2}k + 1$

23. The sum of three consecutive numbers is 252. What are the three numbers?

24. I needed to hire an electrician to rewire my house. The electrician charged \$50 just to drive to my house and then charged \$75 an hour for labor. If my bill came to \$425, how many hours did the electrician work? Write an equation and solve.

25. I bought some flowers to plant in the spring. First, I needed to buy some dirt which cost \$15.00. The flowers cost \$6 for each flat. My total cost was \$69. How many flats did I purchase? Write an equation and solve.