

Equations $ax + b = c$

Per/Sec. _____ Date _____

Solve.

1. $-25 = 4w - (-7)$

2. $28 + 6q = 28$

3. $15 = -8d - (-7)$

4. $37 - 11k = -40$

5. $-9a - 47 = 52$

6. $15x - (-33) = 27$

7. $20z - (-9) = 25$

8. $-13d - 18 = -70$

9. $-\frac{3n}{5} - 6 = 0$

10. $\frac{k}{8} + 6 = -3$

11. $-\frac{3}{4}t - 8 = -8$

12. $\frac{6y}{5} - 6 = 3$

13. $6u + \frac{9}{4} = 0$

14. $6t - \frac{5}{6} = \frac{7}{15}$

15. $\frac{4}{15}r + \frac{8}{5} = 0$

16. $4 = -\frac{x}{4} - \frac{3}{2}$

17. $-\frac{2}{9} = \frac{5}{2}p - \frac{7}{9}$

18. $-\frac{3}{5} = -\frac{1}{8}z - \frac{1}{10}$

19. $\frac{5}{3}y + \frac{5}{12} = -\frac{1}{4}$

20. $0 = 4.8 + 0.3x$

21. $-11c - 0.42 = 0.02$

22. $11.4 + 8t = 7.4$

23. $-3.4 - 0.5k = -0.8$

24. $2.7h + 1.2 = -1.5$

Answer List

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|--------------------|---------------------|
| 1. -8 | 2. 0 |
| 3. -1 | 4. 7 |
| 5. -11 | 6. $-\frac{3}{5}$ |
| 7. $\frac{4}{5}$ | 8. 4 |
| 9. -10 | 10. -72 |
| 11. 0 | 12. $\frac{15}{2}$ |
| 13. $-\frac{3}{8}$ | 14. $\frac{13}{60}$ |
| 15. -6 | 16. -22 |
| 17. $\frac{2}{9}$ | 18. 4 |
| 19. $-\frac{2}{5}$ | 20. -16 |
| 21. -0.04 | 22. -0.5 |
| 23. -5.2 | 24. -1 |