

Equations $ax + b = c$

Per/Sec. _____ Date _____

Solve.

1. $-2x + 51 = -3$

2. $17 = 17 - 32p$

3. $-39 = -18w - 21$

4. $-14t + 7 = 49$

5. $-95 - 6s = 25$

6. $-8 = -4r - 13$

7. $-14d + 15 = 21$

8. $-111 = 9a - 12$

9. $0 = \frac{r}{2} + 8$

10. $3 = 4 - \frac{1}{5}w$

11. $16 + \frac{4h}{9} = 16$

12. $15 = 7 + \frac{12z}{7}$

13. $0 = 10k - \frac{1}{5}$

14. $\frac{11}{12} - 15y = \frac{9}{8}$

15. $0 = \frac{2m}{9} - \frac{2}{3}$

16. $\frac{2}{5} - \frac{1}{5}r = 2$

17. $\frac{7a}{6} + \frac{4}{3} = \frac{1}{3}$

18. $\frac{1}{2}q + \frac{5}{3} = \frac{1}{6}$

19. $-\frac{3}{2} = -\frac{5k}{7} - \frac{1}{4}$

20. $-1.5d - 13.5 = 0$

21. $3p - 6 = -0.6$

22. $-5u - 0.4 = -0.05$

23. $-1.6s - 0.4 = -10$

24. $2.7 = -4.8 + 0.01b$

Answer List

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|--------------------|---------------------|
| 1. 27 | 2. 0 |
| 3. 1 | 4. -3 |
| 5. -20 | 6. $-\frac{5}{4}$ |
| 7. $-\frac{3}{7}$ | 8. -11 |
| 9. -16 | 10. 5 |
| 11. 0 | 12. $\frac{14}{3}$ |
| 13. $\frac{1}{50}$ | 14. $-\frac{1}{72}$ |
| 15. 3 | 16. -12 |
| 17. $-\frac{6}{7}$ | 18. -3 |
| 19. $\frac{7}{4}$ | 20. -9 |
| 21. 1.8 | 22. -0.07 |
| 23. 6 | 24. 750 |