

Math 017

Name:

Solve the following linear equations:

1. $3x - 1 = 17$
2. $5x + 3 = 23$
3. $7x - 8 = 13$
4. $6x + 25 = -5$
5. $2x + 3 = -2$
6. $4x - 3 = -19$
7. $5 - 3x = -4$
8. $4 - 7x = 39$
9. $\frac{x}{3} - 2 = 3$
10. $\frac{x}{5} + 3 = 8$
11. $\frac{3}{4}x - 5 = 4$
12. $\frac{5}{7}x + 4 = 14$
13. $3x = 8 - x$
14. $8x = 3x + 20$
15. $3x = 4 - 2x$
16. $7x + 3 = 2x + 18$
17. $8x - 3 = 4x + 17$
18. $6x - 5 = 3x - 28$
19. $9x + 7 = 5x - 3$
20. $2x + 9 = 4x - 2$
21. $8x - 7 - 2x = 2 + 4x - 5$
22. $7x - 2 - 3x = 5 + 8x + 13$
23. $5x + 3 + 6x - 11 = 8x - 25$
24. $9(3x + 2) - 10x = 12x - 7$
25. $7x + 3(2x + 5) = 10x + 17$
26. $\frac{12}{5}x + 7 = 31 - \frac{2}{5}x$
27. $\frac{3}{7}x - 5 = \frac{24}{7}x + 7$
28. $0.04x + 7.95 = .07x + 4.95$
29. $\frac{x - 1}{2} = \frac{x + 3}{4}$
30. $\frac{x - 1}{3} = 1 + \frac{x + 1}{18}$