

LINEAR EQUATIONS WITH FRACTIONS

MILD

1. $\frac{x}{4} = 3$

4. $\frac{x}{8} + 3 = 7$

7. $\frac{x}{3} + \frac{1}{2} = 5$

2. $\frac{x}{5} = 6$

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

8. $\frac{x}{6} + \frac{1}{3} = 4$

3. $\frac{x}{6} + 2 = 5$

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

9. $\frac{2x-3}{5} = 6$

MEDIUM

10. $\frac{x}{2} - \frac{3}{4} = 1$

13. $\frac{x-4}{6} + \frac{1}{2} = 5$

16. $\frac{x}{4} + \frac{x}{6} = 5$

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

14. $\frac{3x-1}{4} + \frac{2}{3} = 7$

17. $\frac{x}{3} + \frac{x}{8} = 6$

12. $\frac{x-3}{5} + \frac{2}{3} = 4$

15. $\frac{4x+2}{5} - \frac{1}{4} = 6$

18. $\frac{3x-1}{6} + \frac{x-5}{4} = 7$

SPICY

19. $\frac{x-2}{6} + \frac{1}{3} = 4$

22. $\frac{5(x+2)}{6} = 3x - 1$

25. $\frac{5x-3}{7} + \frac{x+2}{4} = 8$

20. $\frac{x-5}{8} + \frac{2}{5} = 3$

23. $\frac{4x+1}{3} - \frac{2x-5}{4} = 6$

26. $\frac{6x+1}{8} + \frac{2x-7}{3} = 9$

21. $\frac{3(x-1)}{4} = 2x - 3$

24. $\frac{3x+2}{5} - \frac{x-1}{6} = 4$

27. $\frac{2}{5}(x+10) + \frac{1}{2}(x-4) = 8$

EXTRA-SPICY

28. $\frac{3}{7}(x+6) + \frac{2}{3}(x-3) = 10$

33. $\frac{4x+1}{6} + \frac{3x-2}{10} = \frac{9x-4}{15}$

29. $\frac{x-2}{6} + \frac{x+3}{4} = \frac{5x-1}{12}$

34. $\frac{5x+3}{8} + \frac{2x-1}{12} = \frac{11x-5}{24}$

30. $\frac{x-4}{5} + \frac{2x+1}{6} = \frac{7x-3}{10}$

35. $\frac{3}{4}(x-2) - \frac{1}{3}(x+5) = 7$

31. $\frac{2x-3}{5} - \frac{x+1}{4} = \frac{x-7}{6}$

36. $\frac{5}{6}(x+4) - \frac{2}{5}(x-6) = 8$

32. $\frac{3x+2}{8} - \frac{2x-4}{3} = \frac{x+5}{6}$

37. $\frac{2x+3}{9} + \frac{4x-5}{12} = \frac{7x+1}{18}$

38. $\frac{3x-2}{10} + \frac{5x+4}{12} = \frac{11x-7}{20}$