



Equations with Fractions



Solve the following equations:

1. $\frac{x}{5} + \frac{x+3}{4} = 3$

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

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

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

5. $\frac{2-8x}{6} + \frac{x+10}{4} = 5$

6. $\frac{x+5}{2} + \frac{4x+16}{3} = 6$

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

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

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

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

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

12. $\frac{x+1}{9} + \frac{x}{8} = \frac{4x-8}{12}$

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

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

15. $x + \frac{3x+1}{2} + \frac{7x+2}{3} = \frac{20x+4}{4}$

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

