

Solving Equations with Fractions

1)  $\frac{f}{5} + 2 = 8$

2)  $\frac{w}{3} - 5 = 2$

3)  $\frac{x}{8} + 3 = 12$

4)  $\frac{5f}{4} + 3 = 18$

5)  $\frac{3y}{2} - 1 = 8$

6)  $\frac{7x}{3} + 5 = 12$

7)  $\frac{t}{5} + 3 = 1$

8)  $\frac{x+3}{2} = 5$

9)  $\frac{t-5}{2} = 3$

10)  $\frac{x+10}{2} = 3$

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

12)  $\frac{5y-2}{4} = 3$

13)  $\frac{6y+3}{9} = 1$

14)  $\frac{2x-4}{5} = 4$

15)  $\frac{5t+2}{2} = 6$

Equations with Multiple Fractions

1.

a)  $\frac{1}{2}x + \frac{1}{3}x = -10$

b)  $\frac{x}{4} + \frac{-x}{5} = -2$

c)  $\frac{1}{2}x + \frac{3}{4}x = 5$

d)  $\frac{2x+1}{3} = \frac{x+4}{2}$

e)  $\frac{x}{2} - \frac{x}{3} = 8$

f)  $\frac{y}{6} + \frac{y}{4} = 5$

Answers

1. 30  
2. 21  
3. 72  
4. 12  
5. 6  
6. 7  
7. 3  
8. 12  
9. 11  
10. 2  
11. 2  
12. 2  
13. 2  
14. 2  
15. 2  
16. 10  
17. 12  
18. 12  
19. 12  
20. 12  
21. 12  
22. 12  
23. 12  
24. 12  
25. 12  
26. 12  
27. 12  
28. 12  
29. 12  
30. 12