

Solving Two-Step Equations Involving Fractions

Solve and check. (If answers are not integers, express as fractions in lowest terms.)

1. $\frac{x}{5} = -2$

11. $\frac{5}{6}b + 8 = -11$

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

12. $4 - \frac{8}{3}p = 19$

3. $\frac{1}{9}x = 1$

13. $\frac{11}{4}h + 3 = 5$

4. $-\frac{4}{3}y = 2$

14. $11 - \frac{y}{4} = 4$

5. $10 = \frac{11}{2}x$

15. $-\frac{1}{8}d + 7 = 16$

6. $\frac{n}{2} - 3 = 11$

16. $42 = -\frac{5}{11}x + 7$

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

17. $-\frac{x}{3} - 7 = -6$

8. $8 + \frac{2w}{5} = 6$

18. $-1 = -\frac{11}{4}w + 9$

9. $\frac{g}{4} - 21 = -3$

19. $8 = \frac{5}{8}z + 3$

10. $-5 = -19 - \frac{x}{7}$

20. $23 = -\frac{3}{2}b + 8$