

Solve the equation.

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

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

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

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

$$5. \quad 4x + \frac{5}{11} + 4x - \frac{5}{11} = \frac{3}{11}$$

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

$$7. \quad 5x + \frac{4}{11} + 2x - \frac{2}{11} = \frac{8}{11}$$

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

$$9. \quad 5x + \frac{4}{9} + 2x - \frac{1}{9} = \frac{7}{9}$$

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

$$11. \quad 3(3x - 3) = x + 6$$

Solve the equation.

12. $4(5x - 1) = x + 3$

13. $5(2x - 2) = x + 8$

14. $2(4x - 6) = x + 7$

15. $3(5x - 4) = x + 4$

16. $4(4x - 5) = x + 9$

17. $2(2x - 1) = x + 5$

18. $5(3x - 3) = x + 2$

19. $3(2x - 2) = x + 9$

20. $2(5x - 5) = x + 3$

21. $3bx - 4g + 2 = 4bx + 2g + 5$

22. $2bx + 2g + 1 = 3bx + 3g + 2$

23. $bx + 5g + 3 = 2bx - 1g + 1$

24. $4bx + 3g + 4 = 5bx + 5g + 4$

25. $3bx - 4g + 5 = 4bx - 4g + 3$

26. $2bx - 2g + 2 = 3bx - 1g + 2$

Solve the equation.

$$27. \quad b_x - 5g + 1 = 2b_x + 4g + 3$$

$$28. \quad 4b_x - 3g + 3 = 5b_x - 5g + 5$$

$$29. \quad 3b_x + 4g + 4 = 4b_x + 2g + 4$$

$$30. \quad 2b_x - 3g + 3 = 3b_x - 3g + 3$$