The Quadratic Formula

Solve for x.

1. $x^2 + 3x + 2 = 0$

2. $x^2 + 6x + 5 = 0$

3. $x^2 + x + 1 = 0$

4. $x^2 + x + 2 = 0$

5. $x^2 - x + 1 = 0$

6. $x^2 - x + 2 = 0$

7. $x^2 + 4x - 1 = 0$

8. $x^2 - 2x - 2 = 0$

9. $x^2 + 4x + 6 = 0$

10. $x^2 - 6x + 11 = 0$

11. $x^2 - 6x + 3 = 0$

12. $x^2 + 4x - 2 = 0$

13. $3x(x + 2) = 1$

14. $2x(x + 1) = 1$

15. $3x^2 + 8x + 2 = 0$

16. $2x^2 + 10x + 5 = 0$

17. $2x^2 + 3x + 4 = 0$

18. $2x^2 + x + 5 = 0$

19. $4x^2 - 3x = -2$

20. $3x^2 - 2x = -5$

21. $2x^2 = -5x + 12$

22. $2x^2 = -x - 10$

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

24. $x(x - 1) = 2x - 7$

25. $x(x - 1) = 4$

26. $x(x + 1) = 3$

27. $x(x + 2) = 5$

28. $x(x - 2) = 7$