

Solving Quadratic Equations (A)

Solve each equation for x

1. $12x^2 + 48x + 23 = -22$

7. $24x^2 - 14x = -2$

2. $5x^2 + 21x + 15 = -3$

8. $6x^2 - 23x + 1 = -19$

3. $12x^2 + 13x + 1 = -2$

9. $15x^2 + 51x + 9 = -9$

4. $28x^2 - 66x + 27 = -9$

10. $45x^2 - 69x + 6 = -12$

5. $16x^2 + 10x - 1 = 5$

11. $64x^2 - 32x - 2 = 19$

6. $4x^2 - 17x + 2 = -2$

12. $32x^2 + 52x + 5 = -10$