

Adding Quadratic Expressions (C)

Simplify each expression.

1. $-(t^2 - 4t + 2) + 5(-t^2 - 3t - 2)$

2. $-5(-2s^2 + 7s - 2) + 4(-7s^2 + 8s + 8)$

3. $-5(-3c^2 + 9c + 9) + 9(6c^2 + 9c + 3)$

4. $5(3s^2 + 5s - 1) + 6(-4s^2 + 7s - 3)$

5. $-5(2k^2 - 4k + 2) + 2(-6k^2 - k - 6)$

6. $-8(-5c^2 - 4c + 7) + 4(3c^2 + 5c - 7)$

7. $-8(4m^2 + 5m - 7) + 3(9m^2 - 4m + 9)$

8. $-(m^2 - 5m + 9) + 6(-7m^2 - 9m + 1)$

9. $-9(-4y^2 + 5y - 6) + 6(-2y^2 + 8y + 4)$

10. $-5(-5y^2 - 9y + 7) + 7(5y^2 - 4y - 9)$