

Adding & Subtracting Quadratic Expressions (C)

Simplify each expression.

1. $-6(-8t^2 - 9t - 2) + 4(7t^2 - 8t + 2)$

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

3. $-8(-6p^2 + 2p + 6) - 4(9p^2 - 2p + 8)$

4. $2(9q^2 + 2q - 3) - 5(3q^2 + 3q - 4)$

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

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

7. $-(7v^2 + 7v - 2) + 5(9v^2 - 5v + 1)$

8. $-3(-6c^2 + 4c + 2) - 9(-3c^2 - 9c - 6)$

9. $6(-q^2 - 5q - 4) - 3(q^2 + 6q + 9)$

10. $2(5r^2 - 5r + 2) + 5(-2r^2 - 2r + 3)$