

Adding & Subtracting Quadratic Expressions (J)

Simplify each expression.

1. $3(3q^2 - q + 3) - 8(-q^2 + 8q - 4)$

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

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

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

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

6. $4(5w^2 - 7w + 8) + 5(-7w^2 + 9w + 2)$

7. $-5(6q^2 + q - 2) + 5(-6q^2 - 9q - 6)$

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

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

10. $6(-3m^2 + 8m - 8) + 8(-7m^2 + 6m - 8)$