

Subtracting Quadratic Expressions (A)

Simplify each expression.

1. $7(-6x^2 - 9x - 5) - 4(-7x^2 - 7x + 7)$

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

3. $-9(7k^2 - 4k + 6) - 2(2k^2 - 7k - 1)$

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

5. $-2(6x^2 - 8x + 1) - 6(3x^2 + 8x - 3)$

6. $-(q^2 - 9q + 3) - 2(-9q^2 - 2q - 1)$

7. $-4(-6d^2 + 8d - 1) - 8(5d^2 - 5d - 2)$

8. $5(-9b^2 - 8b + 8) - 4(-5b^2 + 2b - 1)$

9. $-9(2v^2 - v - 8) - 6(-5v^2 - 3v - 9)$

10. $6(2f^2 + 9f - 4) - 7(3f^2 - 7f - 7)$