

Adding & Subtracting Quadratic Expressions (G)

Simplify each expression.

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

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

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

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

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

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

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

8. $-7(h^2 - h) - 8(-9h^2 - 4h - 8)$

9. $4(-7v^2 - 2v - 6) - 2(2v^2 - 7v - 1)$

10. $-5(-8k^2 + k + 6) - 3(7k^2 + k + 8)$