

Subtracting Quadratic Expressions (I)

Simplify each expression.

1. $(2n^2 - 9n - 4) - 3(8n^2 - 2n + 9)$

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

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

4. $(-4r^2 - 4r + 8) - 3(8r^2 + 3r - 8)$

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

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

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

8. $-6(-7s^2 - s - 2) - (6s^2 + 2s - 1)$

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

10. $-7(-7r^2 - 7r + 5) - (-7r^2 - 2r - 7)$