Subtracting Quadratic Expressions (C)

Simplify each expression.

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

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

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

4. $(-9t^2 - 8t - 1) - (3t^2 - 5t - 8)$

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

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

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

8. $(-9y^2 + 7y + 1) - 9(-4y^2 - 5y + 3)$

9. $(-8k^2 - 6k - 5) - (-2k^2 - 7k - 3)$

10. $-4(-9a^2 + 4a - 2) - 9(-5a^2 - 8a - 9)$

Simplify each expression.

1. $-(9h^2 - 8h + 1) - (2h^2 - 4h + 9)$
   $-11h^2 + 12h - 10$

2. $-7(6b^2 - 4b - 8) - 4(-4b^2 + 3b + 4)$
   $-26b^2 + 16b + 40$

3. $4(-5t^2 - 6t + 2) - 8(-t^2 - t + 5)$
   $-12t^2 - 16t - 32$

4. $(-9t^2 - 8t - 1) - (3t^2 - 5t - 8)$
   $-12t^2 - 3t + 7$

5. $(2h^2 + 2h + 4) - 9(8h^2 + 5h - 3)$
   $-70h^2 - 43h + 31$

6. $(-9f^2 + 3f - 8) - 5(-6f^2 - 6f - 5)$
   $21f^2 + 33f + 17$

7. $(7y^2 - 6y + 3) - 7(3y^2 - 3y - 2)$
   $-14y^2 + 15y + 17$

8. $(-9y^2 + 7y + 1) - 9(-4y^2 - 5y + 3)$
   $27y^2 + 52y - 26$

9. $(-8k^2 - 6k - 5) - (-2k^2 - 7k - 3)$
   $-6k^2 + k - 2$

10. $-4(-9a^2 + 4a - 2) - 9(-5a^2 - 8a - 9)$
    $81a^2 + 56a + 89$