### Simplify each expression.

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

2. $-2(3d^2 + 8d + 9) + (3d^2 - d - 7)$

3. $(-8h^2 + 4h + 3) - 6(-7h^2 - 6h + 1)$

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

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

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

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

8. $(5v^2 - 8v + 1) + (8v^2 - v + 2)$

9. $(6d^2 + 7d + 2) + (-5d^2 + 3d + 1)$

10. $4(s^2 + 3s - 5) + (4s^2 + 2s + 1)$

Simplify each expression.

1. $3(-2w^2 + 9w + 3) - (8w^2 - 4w + 1)$
   $-14w^2 + 31w + 8$

2. $-2(3d^2 + 8d + 9) + (3d^2 - d - 7)$
   $-3d^2 - 17d - 25$

3. $(-8h^2 + 4h + 3) - 6(-7h^2 - 6h + 1)$
   $34h^2 + 40h - 3$

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

5. $3(7y^2 + 7y + 8) - (4y^2 + 3y - 9)$
   $17y^2 + 18y + 33$

6. $(6w^2 - 8w + 7) - 7(6w^2 - 8w + 8)$
   $-36w^2 + 48w - 49$

7. $(-4m^2 - 9m - 1) + 7(-9m^2 - 9m - 5)$
   $-67m^2 - 72m - 36$

8. $(5v^2 - 8v + 1) + (8v^2 - v + 2)$
   $13v^2 - 9v + 3$

9. $(6d^2 + 7d + 2) + (-5d^2 + 3d + 1)$
   $d^2 + 10d + 3$

10. $4(s^2 + 3s - 5) + (4s^2 + 2s + 1)$
    $8s^2 + 14s - 19$