

Adding & Subtracting Quadratic Expressions (C)

Simplify each expression.

1. $(2s^2 + 9s + 5) + (5s^2 + 7s + 7)$

2. $(-6b^2 + 2b - 7) + (6b^2 - b + 5)$

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

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

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

6. $(6d^2 - 3d + 2) + (d^2 - 4d - 4)$

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

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

9. $(v^2 + 6v - 2) - (-9v^2 + 4v - 9)$

10. $(-2f^2 - 4f - 7) + (6f^2 - 3f + 8)$

Adding & Subtracting Quadratic Expressions (C) Answers

Simplify each expression.

1. $(2s^2 + 9s + 5) + (5s^2 + 7s + 7)$
 $7s^2 + 16s + 12$

2. $(-6b^2 + 2b - 7) + (6b^2 - b + 5)$
 $b - 2$

3. $(9y^2 + 6y - 3) - (3y^2 + y + 8)$
 $6y^2 + 5y - 11$

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

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

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

7. $(-6y^2 + 9y - 2) - (9y^2 + 3y - 3)$
 $-15y^2 + 6y + 1$

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

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

10. $(-2f^2 - 4f - 7) + (6f^2 - 3f + 8)$
 $4f^2 - 7f + 1$