

Simplifying Quadratic Expressions (E)

Simplify each expression by combining like terms.

1. $3n - 9 + 9n - 5 + 4 + 8n^2$

2. $-6x^2 - 3x^2 + 4x^2 + 6x + x^2 - 4x^2$

3. $9z - 2z^2 + 1 - 1 + 5z - 8$

4. $2 + 3v - 5v^2 - v^2 - 2v - 2v$

5. $3w - 7w - 9w^2 + 8w + 4w^2 - 7w$

6. $-3t^2 - t + 7t - 4t^2 - 9t + 3$

7. $-8t^2 + 3t^2 + 6t^2 - 9t - 7t + 7t$

8. $5w + 7w - 7 + 2w - 6w^2 + w^2$

9. $-6 - 3w^2 + 4w^2 + 4w^2 - 3w - 9w$

10. $-8b^2 + 2b^2 - 7b^2 - b + b + 6b$