

Adding & Subtracting Quadratic Expressions (A)

Simplify each expression.

1. $-8(-5t^2 + 2t + 2) + 9(-6t^2 + 2t - 8)$

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

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

4. $2(-w^2 + w - 4) + 9(9w^2 - w + 9)$

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

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

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

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

9. $(9b^2 + 4b - 2) - 4(9b^2 + 2)$

10. $(-9z^2 + 8z - 5) - 7(8z^2 + 9z + 4)$