

Subtracting Quadratic Expressions (H)

Simplify each expression.

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

2. $-5(8r^2 - 5r + 5) - 8(r^2 + 9r - 7)$

3. $9(-6h^2 - 3h - 5) - 6(-9h^2 - 3h + 4)$

4. $5(-2p^2 - 2p - 9) - 7(6p^2 - 4p - 7)$

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

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

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

8. $-7(-7t^2 - 5t + 2) - 4(8t^2 - 8t + 8)$

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

10. $4(-5y^2 - 5y - 1) - 3(7y^2 + 3y - 8)$