

Subtracting Quadratic Expressions (J)

Simplify each expression.

$$1. (-4y^2 + y + 6) - (8y^2 - 6y)$$

$$2. (6x^2 - 9x - 4) - (-4x^2 - 3x + 7)$$

$$3. (9p^2 + p + 2) - (3p^2 + 5p + 3)$$

$$4. (-9f^2 - 8f) - (5f^2 - 8f - 7)$$

$$5. (-3z^2 - 6z - 4) - (8z^2 - z - 9)$$

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

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

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

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

$$10. (-6y^2 - 5y + 1) - (-7y^2 + 6y - 5)$$