

Multiplying Two Binomials (J)

Simplify each expression.

$$1. (-6s^3 - 4s^2)(s^4 - 9s^3)$$

$$2. (7q^3 + 9q^2)(-q + 9)$$

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

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

$$5. (-5v - 9)(9v + 7)$$

$$6. (-3q - 6)(-9q^5 - 3q^4)$$

$$7. (7m^3 + 9m^2)(7m^2 - 7m)$$

$$8. (7n^3 + 3n^2)(-n^4 - 9n^3)$$

$$9. (4y^5 - 8y^4)(2y^3 + 7y^2)$$

$$10. (8g^4 + 6g^3)(7g^5 - 7g^4)$$