

Multiplying Two Trinomials (C)

Simplify each expression.

1. $(5x^3 - x^2 - 6x)(6x^3 + 8x^2 - 7x)$

2. $(-f^3 - 4f^2 + 3f)(-f^4 + 4f^3 - 2f^2)$

3. $(-7w^3 - 3w^2 + 6w)(-6w^3 - 3w^2 + w)$

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

5. $(7f^4 - 6f^3 - 6f^2)(-8f^5 + 4f^4 - 6f^3)$

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

7. $(-8v^2 - 7v + 2)(-6v^4 + 9v^3 - 2v^2)$

8. $(-7w^5 - 6w^4 + 9w^3)(w^3 - 4w^2 - 9w)$

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

10. $(-4h^2 + 4h + 9)(3h^2 - 9h - 5)$