

Multiplying Two Binomials by a Trinomial (F)

Simplify each expression.

1. $(5w^2 + 2w)(-7w^5 - 5w^4)(-w^5 - 7w^4 - w^3)$

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

3. $(m - 2)(3m - 1)(-8m^2 + 9m - 7)$

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

5. $(2q^2 + 2q)(-3q + 1)(-7q^3 + 2q^2 + 3q)$