

Multiplying Two Binomials by a Trinomial (A)

Simplify each expression.

1. $(-8m^3 + 2m^2)(-5m^4 - 3m^3)(-6m^5 + 9m^4 - m^3)$

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

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

4. $(6f^4 + 7f^3)(-6f^4 + 7f^3)(-5f^2 + 2f - 1)$

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