

Multiplying a Binomial by Two Trinomials (A)

Simplify each expression.

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

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

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

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

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