

Multiplying a Binomial by Two Trinomials (J)

Simplify each expression.

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

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

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

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

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