

Multiplying Three Mon/Polynomials (H)

Simplify each expression.

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

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

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

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

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