

## Multiplying Three Mon/Polynomials (J)

Simplify each expression.

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

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

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

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

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