

## Multiplying Two Binomials by a Trinomial (G)

Simplify each expression.

1.  $(3t^2 - 7t)(6t^4 + 8t^3)(-4t^2 + 8t - 7)$

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

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

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

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