

## Multiplying Three Mon/Polynomials (F)

Simplify each expression.

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

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

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

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

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