Multiplying Three Trinomials (A)

Simplify each expression.

1. $(2h^5 - 5h^4 + 4h^3)(-4h^5 - 8h^4 - 4h^3)(-6h^4 + 2h^3 + 4h^2)$

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

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

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

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