Multiplying Two Trinomials (G)

Simplify each expression.

1. $(-6q^4 - 9q^3 - 3q^2)(2q^5 - 4q^4 - 2q^3)$

2. $(6d^3 + 4d^2 + 3d)(3d^2 + 4d + 9)$

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

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

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

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

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

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

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

10. $(-8g^3 + g^2 + 4g)(-3g^5 - g^4 - g^3)$