

## Multiplying Two Trinomials (I)

Simplify each expression.

1.  $(2z^5 + 9z^4 - 2z^3)(-2z^4 - 3z^3 - 7z^2)$

2.  $(-8x^4 + 4x^3 + 3x^2)(6x^3 - 2x^2 - 4x)$

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

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

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

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

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

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

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

10.  $(4t^4 - 8t^3 + 7t^2)(9t^3 - 7t^2 - t)$