

## Multiplying Two Binomials (F)

Simplify each expression.

1.  $(-2m^2 - m)(-3m^2 - 4m)$

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

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

4.  $(4d^5 - 5d^4)(2d^5 + 2d^4)$

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

6.  $(4v^5 + 7v^4)(2v^5 + 8v^4)$

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

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

9.  $(6x^4 + 6x^3)(6x^4 + 7x^3)$

10.  $(-5c^4 - 7c^3)(6c^3 + 4c^2)$