

Multiplying Two Binomials (B)

Simplify each expression.

1. $(8n + 1)(5n^3 + n^2)$

2. $(y + 4)(6y^5 - 9y^4)$

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

4. $(-2r^3 + 2r^2)(4r^4 + 6r^3)$

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

6. $(2y + 5)(7y - 1)$

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

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

9. $(5d^2 + 9d)(7d^5 - 8d^4)$

10. $(5d^5 - 8d^4)(-9d + 7)$