

Multiplying Three Mon/Polynomials (I)

Simplify each expression.

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

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

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

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

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