

## Multiplying a Monomial by Two Binomials (A)

Simplify each expression.

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

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

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

4.  $4w^4(-9w^5 - 9w^4)(8w^2 - 8w)$

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