

## Multiplying a Monomial by a Trinomial (I)

Simplify each expression.

1.  $4y^4(-8y^2 - 8y - 5)$

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

3.  $-9g(-9g^3 - 8g^2 + 6g)$

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

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

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

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

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

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

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