

## Multiplying a Monomial by a Binomial (I)

Simplify each expression.

1.  $6w(6w + 2)$

2.  $8m^5(4m + 1)$

3.  $c^5(-4c - 1)$

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

5.  $-5s^4(-2s^5 + 9s^4)$

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

7.  $r^2(6r - 5)$

8.  $y^4(7y^3 - 6y^2)$

9.  $6f^2(-7f - 4)$

10.  $-7w(w^4 + 9w^3)$