

## Multiplying a Monomial by a Trinomial (F)

Simplify each expression.

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

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

3.  $g(3g^3 + 2g^2 - g)$

4.  $-2g(2g^2 + 7g - 9)$

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

6.  $8f^2(7f^2 + 7f - 4)$

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

8.  $9t^5(t^2 + 2t - 5)$

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

10.  $5d^2(-2d^5 - 9d^4 - 8d^3)$