

## Multiplying a Monomial by a Trinomial (E)

Simplify each expression.

1.  $7t^3(-9t^4 + 6t^3 - 2t^2)$

2.  $5r^3(5r^3 - 3r^2 - 9r)$

3.  $-8f(-3f^3 - 6f^2 + 5f)$

4.  $7z^5(5z^2 + 4z - 4)$

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

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

7.  $2v^3(-7v^2 + v - 5)$

8.  $-5c^5(-3c^5 + 4c^4 - 8c^3)$

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

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