

## Multiplying a Monomial by a Trinomial (J)

Simplify each expression.

1.  $-5v^5(9v^3 - 6v^2 - 8v)$

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

3.  $9b(-9b^4 - 3b^3 - 7b^2)$

4.  $d^2(7d^4 + 5d^3 + 6d^2)$

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

6.  $9h(3h^5 + 4h^4 - 7h^3)$

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

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

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

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