

Multiplying a Monomial by a Binomial (H)

Simplify each expression.

1. $4m^5(-9m^4 - 3m^3)$

2. $2a(-5a - 2)$

3. $7t^5(7t^2 - t)$

4. $8x^3(4x^2 - 6x)$

5. $-5f(-9f + 2)$

6. $5c^3(-3c^5 + 8c^4)$

7. $-2q^3(q^5 - 7q^4)$

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

9. $3q(7q + 2)$

10. $5x^2(-9x^3 - x^2)$