

## 4.10 Multiplying Monomial by Polynomials Practice Date \_\_\_\_\_ Period \_\_\_\_\_

**Find each product.**

1)  $4(2n + 2)$

2)  $2x(6x - 2)$

3)  $8x^2(x - 5)$

4)  $3pq^2(3p^2 - pq^2 + 9q^2 + q - 6)$

5)  $3ab^4(3a^2 - 8a - 7)$

6)  $6m(3m^2 + 3m + 6)$

7)  $5(n^2 - 8n + 5)$

8)  $7r^2v(2r^2 + 5r - 5)$

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

10)  $8(4n^2m^3 + 8nm^3 + 9m^2n^4 - 3mn + 7)$

11)  $4n^4m^3(5n^6 - 3nm^2 - 3m^4)$

12)  $5(4n^4 - 8n^3 - 7n^2 - 4)$