

## Multiplying Polynomials

Find each product.

1)  $6v(2v + 3)$   
 $12v^2 + 18v$

2)  $7(-5v - 8)$   
 $-35v - 56$

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

4)  $-4(v + 1)$   
 $-4v - 4$

5)  $(2n + 2)(6n + 1)$   
 $12n^2 + 14n + 2$

6)  $(4n + 1)(2n + 6)$   
 $8n^2 + 26n + 6$

7)  $(x - 3)(6x - 2)$   
 $6x^2 - 20x + 6$

8)  $(8p - 2)(6p + 2)$   
 $48p^2 + 4p - 4$

9)  $(6p + 8)(5p - 8)$   
 $30p^2 - 8p - 64$

10)  $(3m - 1)(8m + 7)$   
 $24m^2 + 13m - 7$

11)  $(2a - 1)(8a - 5)$   
 $16a^2 - 18a + 5$

12)  $(5n + 6)(5n - 5)$   
 $25n^2 + 5n - 30$