

## Simplifying Polynomials

Find each product.

1)  $6(8r - 5)$

2)  $4v(5v + 4)$

3)  $2x(4x + 1)$

4)  $4x(6x + 2)$

5)  $6(3r + 3)$

6)  $(2x - 6)(7x + 8)$

7)  $(2v + 6)(4v + 4)$

8)  $(2x - 2)(5x + 2)$

9)  $(2v - 5)(v - 1)$

10)  $(7n + 8)(3n - 4)$

Simplify each expression.

11)  $(3p + 8p^2 - 2p^4) + (6p^4 + 7 - p^2)$

12)  $(5x^3 + 8x - 8x^2) - (5x^2 - 8x^3 - 7x)$