Multiplying Polynomials

1. Use the distributive property to find each product
(similar to p.339 #36)

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

2. Use the distributive property to find each product
(similar to p.339 #40)

$$7w(2w^2 - w + 4)$$

3. Use the distributive property to find each product
(similar to p.339 #44)

$$(x+8)(x+3)$$

4. Use the distributive property to find each product
(similar to p.339 #48)

$$(5x-3y)(2x+4y)$$

5. Find the product using the FOIL method
(similar to p.339 #52)

$$(n-2)(n+3)$$

6. Find the product of the sum and difference of two terms
(similar to p.339 #64)

$$(x+5)(x-5)$$

7. Find the product of the sum and difference of two terms
(similar to p.339 #68)

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

8. Find the product of the sum and difference of two terms
(similar to p.339 #78)

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

9. Find the product
(similar to p.340 #88)

$$(3x-1)(4x^2+2x-5)$$

10. Find the product
(similar to p.340 #94)

$$(4x^2-5x+2)(x^3+3x-1)$$