Multiplying Polynomials

1. Find the product:
(Similar to p.338 #26)

$$\left(3a^5b^3\right)\left(-2ab^4\right)$$

2. Find the product:
(Similar to p.338 #30)

$$9y\left(y^2-2y-5\right)$$

3. Find the product:
(Similar to p.338 #34)

$$\frac{7}{2}xy\left(\frac{8}{14}x^3-\frac{6}{7}xy+\frac{3}{14}xy^4\right)$$

4. Find the product of the two
binomials:
(Similar to p.338 #38)

$$(x+7)(x-4)$$

5. Find the product of the two
binomials:
(Similar to p.338 #42)

$$(8x-1)(x-3)$$

6. Find the product of the polynomials:
(Similar to p.338 #54)

$$(3x-1)(4x^2+7x-2)$$

7. Find the product of the polynomials:
(Similar to p.338 #62)

$$(2x^2-3x+1)(5x^2+4x-7)$$

8. Find the special product:
(Similar to p.338 #68)

$$(y+3)(y-3)$$

9. Find the special product:
(Similar to p.338 #72)

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