

**Multiply Poly. Distributive**

Date \_\_\_\_\_ Period \_\_\_\_\_

**Multiply the polynomials.**

1)  $4(5k - 3)$

2)  $8x(3x + 1)$

3)  $2k(2k + 4)$

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

5)  $7a(6a^2 - 4a + 8)$

6)  $7x^2(8x^2 + 7x - 5)$

**Evaluate the expressions.**

7)  $q - (q \div 6 + r)$ ; use  $q = 6$ , and  $r = 1$

8)  $3k - (j - 3)$ ; use  $j = 4$ , and  $k = 2$