

Name: \_\_\_\_\_ Period: \_\_\_\_\_ Date: \_\_\_\_\_

## **Multiplying and Factoring** Bell Work

Find the product of the following monomials

1.  $3x(2y)$

2.  $6x(3xyz)$

3.  $(2ab)(9bc)$

4.  $4a(8ab)$

Find the product of monomials by polynomials

5.  $6a(3a + 2)$

6.  $5x(2x + 2y - 9)$

Factor the following polynomials

7.  $15x + 25y$

8.  $9x + 18xy$

9.  $30a^2 - 24ab + 12a$

10.  $6yz + 9xy - 3y$