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

## **Multiplication and Factoring** Exit Quiz

Find the product of the following Polynomials

$$2.7ab(3+14a)$$

3. 
$$2x(2x-3y+10)$$

**Factor the following Polynomials** 

4. 
$$20e + 10f - 25g$$

5. 
$$36a^2b + 48ab^2 - 8ab$$

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

## Multiplication and Factoring Exit Quiz

**Answer:** 

Find the product of the following Polynomials

$$1.9xy(5xyz) = \frac{45x^2y^2z}{}$$

$$2.7ab(3+14a) = \frac{21ab + 98a^2b}{a^2}$$

3. 
$$2x(2x-3y+10) = 4x^2-6xy+20x$$

**Factor the following Polynomials** 

$$4.20e + 10f - 25g = \frac{5(4e + 2f - 5g)}{}$$

5. 
$$36a^2b + 48ab^2 - 8ab = \frac{4ab(9a + 12b - 2)}{4ab(9a + 12b - 2)}$$