

Name: _____ Period: _____ Date: _____

Multiplication and Factoring Exit Quiz

Find the product of the following Polynomials

1. $9xy(5xyz)$

2. $7ab(3 + 14a)$

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

Factor the following Polynomials

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

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

Multiplication and Factoring Exit Quiz

Answer:

Find the product of the following Polynomials

1. $9xy(5xyz) = 45x^2y^2z$

2. $7ab(3 + 14a) = 21ab + 98a^2b$

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

Factor the following Polynomials

4. $20e + 10f - 25g = 5(4e + 2f - 5g)$

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