

MTH-4106-1  
Factoring and Algebraic Fractions

Name:

Date:

Quiz # 1

Factor the following polynomials. (10 marks)

1.  $9cd^4 - 81d^2$

2.  $24x^5y^9 + 20x^3y^4 - 16x^{11}y^3 - 32x^2y^7 + 8x^3y^4 - 4x^2y^3$

MTH-4106-1  
Factoring and Algebraic Fractions

Name: Shannon

Date:

Quiz # 1

Factor the following polynomials. (10 marks)

1.  $9cd^4 - 81d^2$

$$9d^2 (cd^2 - 9)$$

2.  $24x^5y^9 + 20x^3y^4 - 16x^{11}y^3 - 32x^2y^7 + 8x^3y^4 - 4x^2y^3$

$$4x^2y^3 (6x^3y^6 + 5xy - 4x^9 - 8y^4 + 2xy - 1)$$