Name:

Date:

Quiz # 6

Factor the following polynomials completely. Show all the steps in the solutions.
(20 marks)

1. $9x^5y^2 - 57x^4y^3 + 18x^3y^4$

2. $-4x^3y + 17x^2y^2 - 4xy^3$

3. $9c^2 - 225m^4$

4. $20y^4 - 45x^2y^2$