

## 7 Quiz 7 MAT 1275 Professor Chiu

Name: \_\_\_\_\_

- This quiz consists of **3** questions, each worth for a total of **10** points.
- You have **15** minutes to complete the quiz.
- Show all work and justify your answers.
- Scientific calculators are allowed.
- Wishing you success.

1. (3pt) Factor the GCF for the following:  $8x^2y^3 - 16x^3y + 12xy^2$

2. (3pt) Factor the GCF for the following:  $-7(3x + 2) + 5x(3x + 2)$

Please turn over.

3. (4pts) Factor by grouping:  $4x^2 - 2x + 8x - 4$