

Name: _____

Date:

Course: _____

Nyack College

College Algebra

Preliminary Assessment #2

Directions: Provide complete responses to each question. Make sure to show your work and factor completely.

1. $x^2 - 36$

2. $25 - x^2$

3. $x^2 - 10x + 25$

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4. $x^2 - 10x + 24$

5. $4x^2 + 16x + 16$

6. $4a^2 + 53a + 28$

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7. $9x^2 + 66x + 21$

8. $16x^2 + 60x + 100$

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9. $3x^3 - 4x^2 + 9x - 12$

10. $5x^3 - 10x^2 + 3x - 6$