

Name:

Nyack College

Date:

Quiz:

College Algebra

Topic: Factoring Polynomials

Directions: Factor each expression completely.

1. $x^2 - 36$

2. $25 - x^2$

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

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

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

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

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

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

9. $3x^3 - 4x^2 + 9x - 16$

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