

Name: \_\_\_\_\_  
Date: \_\_\_\_\_  
Class: \_\_\_\_\_

Algebra  
Unit 7  
HW 7-4

1) Factor:  $x^2 - 81$

2) Factor:  $4x^2 - 81y^2$

3) Factor:  $x^4 - 36$

4) Factor:  $x^2 - 7x + 10$

5) Factor:  $x^2 + 3x - 40$

6) Factor:  $2x^2 + 20x + 42$

7) Factor:  $x^3 + 7x^2 + 10x$

8) Factor:  $x^2 - 8x - 228$

9) Factor:  $x^2 - 60x + 324$

10) Factor:  $2x^3 + 66x^2 - 296x$