

Assignment 10

MATH2380 – MATHEMATICS FOR THE ENVIRONMENT – SPRING 2013

Due Friday, February 15

Name: _____

1. Compute $(x + y)^5$.
2. For each of the first 10 Fibonacci numbers, determine whether it is odd or even. Do you see a pattern? Is the 15th Fibonacci number odd or even? What do you think you can say about the 100th? The 1,000th? Bonus: Can you justify or explain this pattern at all?