Name(s) Wednesday, November 16, 2011

**http://www.cs.uni.edu/~jacobson/1025/logo/MonteCarlo/**

1. Area inside inner circle LEAVES 113.097 is probably NOT the answer!!!
2. Area of the outer larger circle COWS and LEAVES 530.929 is probably NOT the answer!!!!
3. Area outside of the larger circle (STARS)
4. Download the **MonteCarloCircles.nlogo** file and open it up in NetLogo. With your partner, work out the code to get the cows outside of the outer circle to be STAR shapes and STAR breeds. What was that code you put inside the **turnFarAwayCowsToStars NetLogo** PROCEDURE?
5. Area of the donut, which is outer circle area – inner circle area. The COWS ONLY!!!!
6. What does the die statement do in the MonteCarloCircles.nlogo file? Take it out or comment it out with ;; and see what it does by noticing what is different in the output.

The filename is **Monte\_11\_16.jpg**

1. Area inside inner circle LEAVES 113.097 is probably NOT the answer!!!
2. Area of the outer larger circle COWS and LEAVES 530.929 is probably NOT the answer!!!!
3. Area outside of the larger circle (STARS)
4. Area below the line and inside the larger circle. Show your work and how you arrived at that result.