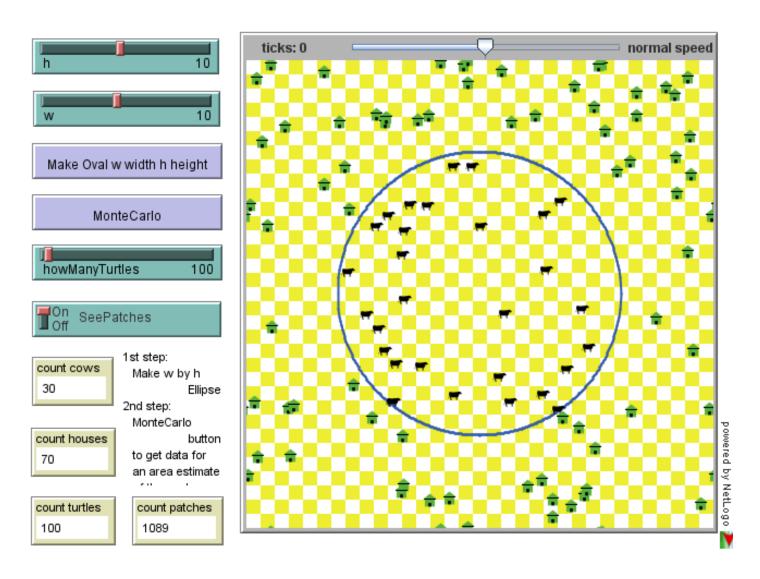
1.	What is the area of the circle by Monte Carlo estimate, using the numbers given below? There are 1,089 patches as
	the turtle world is 33 wide by 33 tall. Give the estimate in square patches, as those are the units in turtle world.
	SHOW YOUR WORK AND THE PROCESS OF ARRIVING AT THE ANSWER!

2. What is the radius of the circle, by using the Monte Carlo estimate you got for the area. Please show all your work.



 $AREA = 3.14159 * radius^{2}$ 

3. Estimate the area of the turtle world in patches given that the radius of the circle is 5 units. This is exactly the same as the 8 ½ inch by 11 inch sheet of paper (playing the role of the circle) and the larger colored sheet of construction paper (playing the role of the turtle world). The turtles (cows or houses) play the role of the Shark or Dinosaur or Peanuts or Star Wars or Tropical Birds Hy Vee Fruit Snacks. SHOW YOUR WORK AND PROCESS OF ARRIVING AT THE RESULT!

