

3. Gina is riding on a Ferris Wheel that has a radius of 50 feet and the center of the Ferris Wheel is 60 feet off the ground. It takes the Ferris Wheel 120 seconds to make one revolution.
- Draw a picture of this Ferris Wheel and graph of one rotation around it.
 - Write an equation to represent the motion around the Ferris Wheel, where y is the distance in feet and x is the time in seconds.
 - Where are Gina and her boyfriend after 2 minutes?