1. Let's say you are a gardener, and you have just planted a lot of flowers that you want to water. The flower bed is **15**[**square**](https://www.boundless.com/algebra/definition/square/)**feet**. You are using a circular sprinkler system, and the water reaches **6 feet** out from the center. The sprinkler is located, from the bottom left corner of the bed, **7 feet** up, and **6 feet**over.
2. If the flower bed was a graph with the bottom left corner being the origin, draw the area of the flower bed
3. What is the area being watered by the sprinkler?
4. What percentage of the garden that is being watered? (total 6 tokens)
5. A bicycle odometer recorded 147 revolutions of wheel with diameter 4/3 ft. How far did the bicycle travel? Use 22/7 for the value of π (4 tokens)
6. If the diameter of a wheel is 2 ft, about how many revolutions does the wheel make for every miles driven? Use 22/7 for the value of π 9hint: I mile = 5280 ft) (4 tokens)