

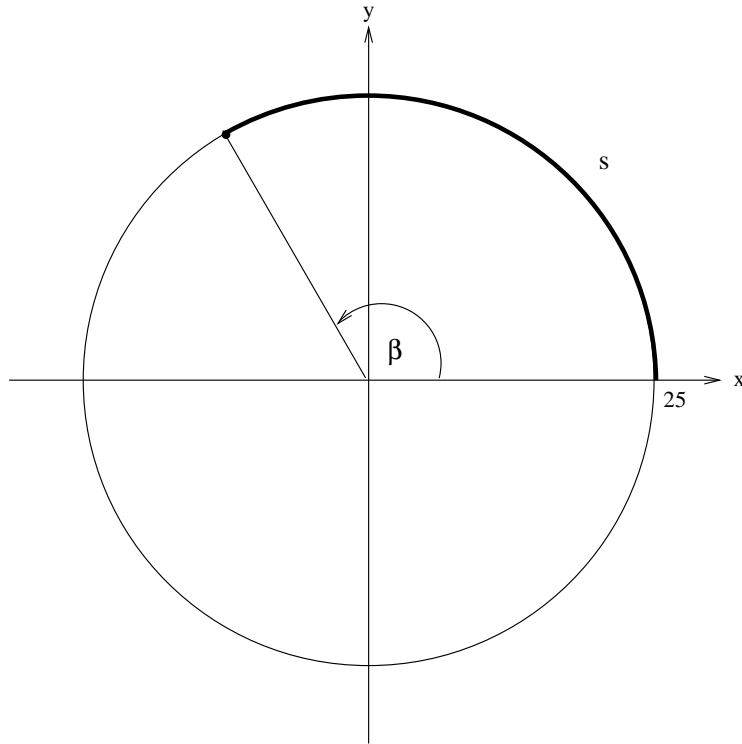
QUIZ #10

Math 132

Name: _____

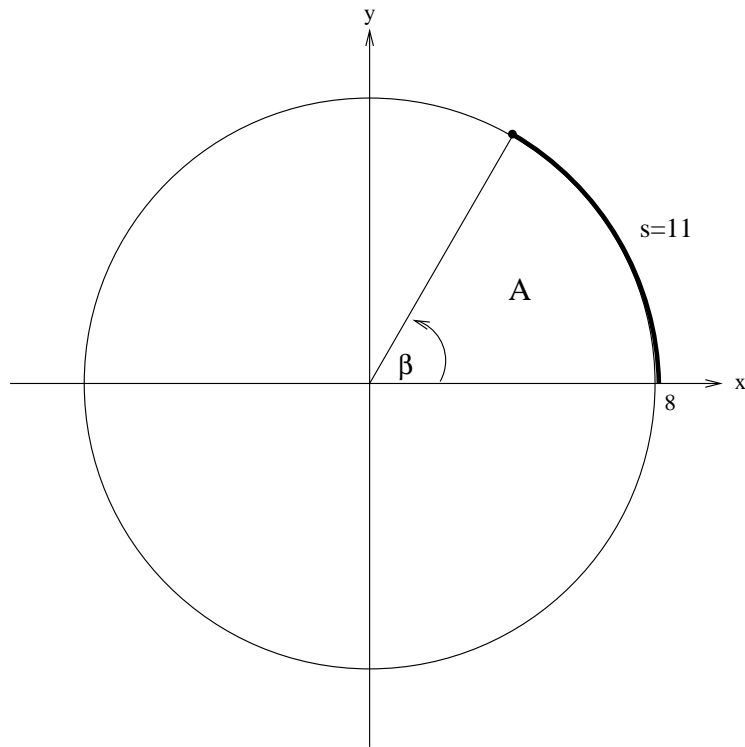
SHOW ALL WORK. Any solution that is not accompanied by the appropriate work necessary for solving the problem will receive no credit. **There are problems on the front and back of this page.**

1. Given the following circle of radius 25, and given the area of the sector created by β is 630.



What is the arc length, s , of the bold arc in the above figure?

2. Given the following circle of radius 8, and given the arc length of the sector is 11.



What is the area, A , of the sector created by β ?