

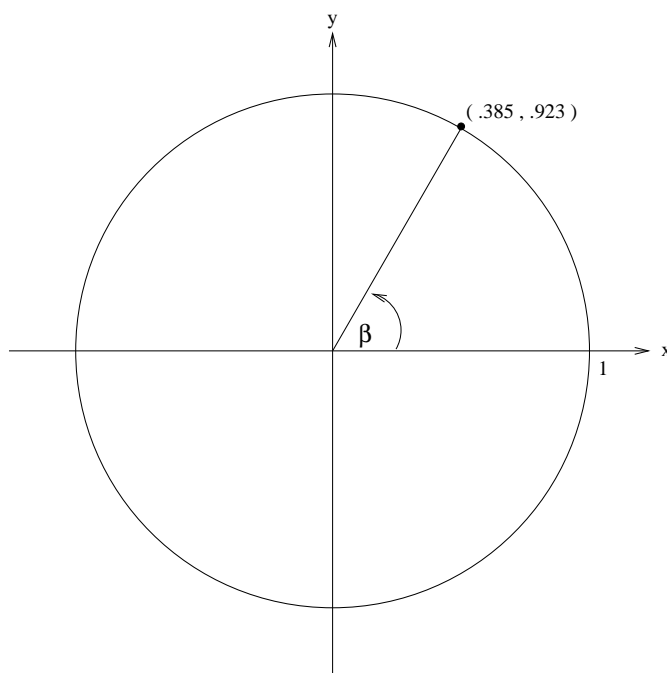
## QUIZ #9

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. If you need more space, you may use the back of the page. **You may NOT use your calculator on this quiz.**

1. Given the following unit circle with angle  $\beta$ . (**You do not need to reduce any of the following fractions**).



- (a) Find  $\sin(\beta)$ .
- (b) Find  $\tan(\beta)$ .
- (c) Find  $\csc(\beta)$ .
- (d) Find  $\sec(\beta)$ .
- (e) Find  $\cot(\beta)$ .
- (f) Find  $\cos(\beta)$ .