

**Trigonometry**

Name: \_\_\_\_\_

The majority of the credit you receive will be based on the completeness and the clarity of your responses. **Show all of your work and justify your solutions as much as possible.**  
This is a 15 minute quiz and has 2 questions, for a total of 11 points

- (3 points) 1. (a) Convert  $\frac{7\pi}{18}$  radians to degrees (Round to two decimal places if needed).  
(3 points) (b) Convert  $67.5^\circ$  to radians (Round to two decimal places if needed).

- (5 points) 2. Express the angle  $64.14^\circ$  in terms of degrees, minutes, and seconds.