

## Quiz for 9/17: Unit Circle

You have 15 minutes. Please show all your work; if I can't follow your logic, I can't give you partial credit.

You are allowed and encouraged to use your notes, as long as they're not on a screen. I will provide the unit circle for anyone who needs it.

**Please put anything with a screen (except calculators) out of sight and leave them that way until you have left the classroom.**

Your answers for all questions should be exact numbers with no decimals.

1. Using the unit circle, find  $\sin 210^\circ$ ,  $\cos(4\pi/3)$ , and  $\tan(\pi/4)$ .
2. An angle  $\theta$  in the third quadrant has a sine of  $-3/5$ . Find  $\cos \theta$  and  $\tan \theta$ .