ME 274 – Spring 2023
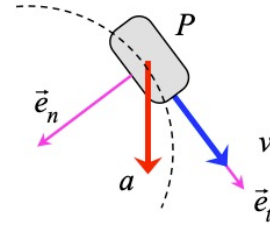*10:30 section – Quiz 1*

Name_____SOLUTION_____

Problem 1a
a) P is increasing speed
b) P is decreasing speed
c) P is traveling at a constant speed
d) More information is needed

Problem 1b
a) P is turning left
b) P is turning right
c) P is traveling on a straight path
d) More information is needed

Problem 2a
a) P is increasing speed
b) P is decreasing speed
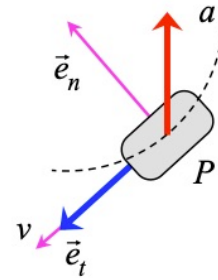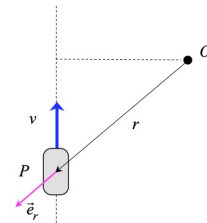c) P is traveling at a constant speed
d) More information is needed

Problem 2b
a) P is turning left
b) P is turning right
c) P is traveling on a straight path
d) More information is needed

Problem 3
a) $\dot r > 0$
b) $\dot r < 0$ *r is decreasing*
c) $\dot r < 0$
d) More information is needed

Problem 4
e) $\dot r > 0$ *r is increasing*
a) $\dot r < 0$
b) $\dot r < 0$
c) More information is needed