

MATH 114 QUIZ 10
6 DECEMBER 2016

Solve the following two problems. Justify all of your work with clearly written mathematics.

(1) Compute the exact value of $\tan(\cos^{-1}(4/5))$.

(2) Find all solutions to the equation $\sin(\theta)^2 = 5 \sin(\theta) - 3$ in the interval $0 \leq \theta < 2\pi$.