

For full credit, you must show all work and circle your final answer.

(2 pts) Find all solutions in the interval $[0, 2\pi)$:

$$4 \tan(3x) - 4 = 0$$

(2 pts) Write the following as an algebraic expression (i.e., without any trig functions):

$$\cos(\arctan(x) + \arcsin(2x))$$

University of Florida Honor Code:

On my honor, I have neither given nor received unauthorized aid in doing this assignment.

Signature