← **Assignment 2**

👍 **You've completed all of the work in this assignment.**

View Policies

Show Attempt History

✔ Your answer is correct.

State the order of the ODE. Verify that the given function is a solution. (c is an arbitrary constant.)

$$y' = 8 + 8y^2, \quad y = \tan(8x + c)$$

The given ODE is of [first ▾] order, and $y = \tan(8x + c)$ [is ▾] a solution of $y' = 8 + 8y^2$.

eTextbook and Media

Hint

Attempts: 1 of 3 used