

## Attendance Quiz 19

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Use Part 1 of the Fundamental Theorem of Calculus to find the derivative of the function.

(a) 
$$h(x) = \int_2^{\frac{1}{x}} \arctan t dt$$

(b) 
$$y = \int_{2x}^{3x} \frac{u^2 - 1}{u^2 + 1} du$$