Name_____

Mathematics 105D: Calculus I
Fall Semester 2012
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Quiz #17

Suppose that $f(x) = \arctan x$

A. Give the value of $f(1)$ in radians.

B. What is the formula for $f'(x)$?

C. Give the value of $f'(1)$.

D. Give the equation of the tangent line to the graph of $y = \arctan x$ at the point $(1, f(1))$.