

Form #97429165328

Step-By-StepAnswersSave this Test! / Turn Into a Puzzle or Board Game!

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**Solve:**

- 1) What is the derivative of  $h(x) = \cot^{-1}(x + 4)$ ?      2) What is  $\frac{d}{dx} \arctan(-4x + 1)$ ?
- 3) What is  $\frac{d}{dx} \sin^{-1}(x)$ ?      4) What is  $\frac{d}{dx} \sec^{-1}(x)$ ?
- 5) Given  $q(x) = \cos^{-1}(-2x + 1)$ .  
What is  $\frac{dq}{dx}$ ?      6) Given  $g(x) = \cos^{-1}(3x^2 + 2)$ .  
What is  $\frac{dg}{dx}$ ?