

Form #91529164728

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

Worksheet generated by

<http://www.easyworksheets.com>

All rights reserved. Copyright 1998 Triple Threat Inc.

**Solve:**

1) Given  $p(x) = \sin^3(4x^2 + 4x + 2)$ . What is  $p'(x)$ ? 2)

Given  $v(x) = \sqrt{e^{2x^2 - 2x}}$ .

What is  $\frac{dv}{dx}$ ?

3) Given  $k(x) = \cot(e^{-5x^2 - x + 4})$ . What is  $k'(x)$ ?

4) What is the derivative of:  $n(x) = \cos(e^{3x + 4})$ ?

5) Given  $w(x) = \cos^3(-3x)$ . What is  $w'(x)$ ?

6) Given  $q(x) = \sqrt{e^{3x + 5}}$ .

What is  $q'(x)$ ?