

Calculus Quiz

Your Name:

Differentiate. (Find dy/dx .)

1. $y = \cos \sqrt{x}$

2. $y = e^{-2x}$

3. $y = x \tan^5 x$

4. $y = \frac{(2-x)^7}{\sqrt{3x-1}}$

5. $y = \sqrt{8^x - x}$

6. $x = e^y$

7. $y = \sin \frac{\sqrt{x}}{x^2 + 3}$

8. $x^3 - y^4 = 12y$

