

Calculus Worksheet
Chain Rule Practice #2

Find the derivative of each of the following functions.

2. $y = \tan 3x$

4. $y = 4 \sec 5x$

6. $y = \cos(x^3)$

8. $y = \cos^3 x$

10. $f(x) = (1 + \cos^2 x)^6$

2. $y = \tan(x^2) + \tan^2 x$

4. $y = \cos(\tan x)$

6. $y = \sin^3 x + \cos^3 x$

8. $y = \sin^2(\cos(4x))$

10. $y = \frac{\sin^2 x}{\cos x}$

11. $y = \sin^3(2x+3)$