

Calculus Class Worksheet #2 Unit 6

Find dy/dx for each of the following.

1. $y = \tan(x)$

2. $y = \tan(x^4)$

3. $y = \tan(2x^2 - 1)$

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

5. $y = \cot(x)$

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

7. $y = \cot(-5x + 1)$

8. $y = \cot^3(x)$

9. $y = \sec(x)$

10. $y = \sec(x^2)$

11. $y = \sec(1 - 3x^2)$

12. $y = \sec^2(x)$

13. $y = \csc(x)$

14. $y = \csc(x^3)$

15. $y = \csc(3x^2 + 2)$

16. $y = \csc^3(x)$