

Name: \_\_\_\_\_

## Calculus

### Derivative Progression D: Basic Memorization

Find the derivative of each function (  $\frac{dy}{dx}$  )

1)  $y = 3.28$

9)  $y = \csc x$

2)  $y = x$

10)  $y = e^x$

3)  $y = x^7$

11)  $y = 2e^x$

4)  $y = \sin x$

12)  $y = \ln x$

5)  $y = \cos x$

13)  $y = \sqrt{x}$

6)  $y = \tan x$

14)  $y = \frac{1}{x^3}$

7)  $y = \cot x$

15)  $y = \sin x \csc x$

8)  $y = \sec x$

16)  $y = \ln e^x$