

$$\begin{array}{ll} f(x) = \sin(x) & f'(x) = \cos(x) \\ f(x) = \cos(x) & f'(x) = -\sin(x) \\ f(x) = \tan(x) & f'(x) = \sec^2(x) \end{array}$$

$$\begin{array}{ll} f(x) = \cot(x) & f'(x) = -\csc^2(x) \\ f(x) = \sec(x) & f'(x) = \sec(x)\tan(x) \\ f(x) = \csc(x) & f'(x) = -\csc(x)\cot(x) \end{array}$$