$$f(x) = \sin(x) \qquad f'(x) = \cos(x)$$
$$f(x) = \cos(x) \qquad f'(x) = -\sin(x)$$
$$f(x) = \tan(x) \qquad f'(x) = \sec^2(x)$$

$$f(x) = \cot(x) \qquad f'(x) = \cos(x)$$
$$f(x) = \sec(x) \qquad f'(x) = -\sin(x)$$
$$f(x) = \csc(x) \qquad f'(x) = \sec^2(x)$$