Standard Derivatives Matching Activities

*needs to be cut out. This is the solution. The Third Page contains 20 incorrect derivatives

$f(x) = sin(x)$	$f'(x) = cos(x)$
$f(x) = cos(x)$	$f'(x) = -sin(x)$
$f(x) = tan(x)$	$f'(x) = sec^2(x)$
$f(x) = sec(x)$	$f'(x) = sec(x)tan(x)$
$f(x) = cosec(x)$	$f'(x) = -cosec(x)cot(x)$
$f(x) = cot(x)$	$f'(x) = -cosec^2(x)$
$f(x) = e^x$	$f'(x) = e^x$
$f(x) = ln(x)$	$f'(x) = \dfrac{1}{x}$
$f(x) = a^x$	$f'(x) = a^x ln(a)$
$f(x) = -sin(x)$	$f'(x) = -cos(x)$

$f(x) = -\cos(x)$	$f'(x) = \sin(x)$
$f(x) = -\tan(x)$	$f'(x) = -\sec^2(x)$
$f(x) = -\sec(x)$	$f'(x) = -\sec(x)\tan(x)$
$f(x) = -\csc(x)$	$f'(x) = \csc(x)\cot(x)$
$f(x) = -\cot(x)$	$f'(x) = \csc^2(x)$
$f(x) = -e^x$	$f'(x) = -e^x$
$f(x) = -\ln(x)$	$f'(x) = -\dfrac{1}{x}$
$f(x) = -a^x$	$f'(x) = -a^x\ln(a)$

$f'(x) = xe^{x-1}$	$f'(x) = -xe^{x-1}$
$f'(x) = tan(x)$	$f'(x) = -cot(x)$
$f'(x) = a^x ln(x)$	$f'(x) = -a^x ln(x)$
$f'(x) = sec$	$f'(x) = -sec$
$f'(x) = -tan(x)$	$f'(x) = cot(x)$
$f'(x) = cosec$	$f'(x) = -cosec$
$f'(x) = sec(x)cot(x)$	$f'(x) = -sec(x)cot(x)$
$f'(x) = cosec(x)tan(x)$	$f'(x) = -cosec(x)tan(x)$
$f'(x) = a^x$	$f'(x) = -a^x$
$f'(x) = xa^{x-1}$	$f'(x) = -xa^{x-1}$