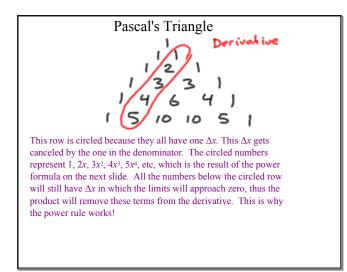
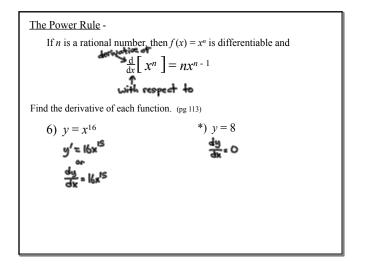
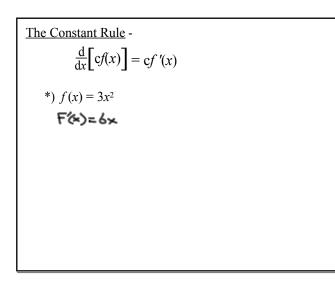
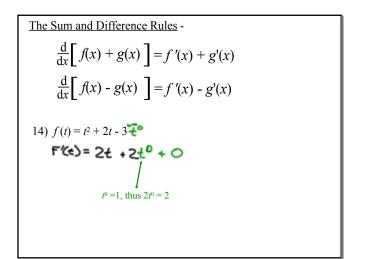


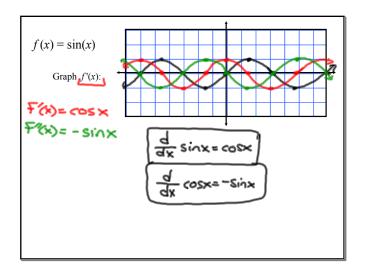
Find the derivative:
$f(x) = x^4$ $f'(x) = 4x^3$ i = 5 i 0 i 0 5 i
$f'(x) = \neg x$ $ $
$F(x) = \lim_{\Delta x \to 0} \frac{F(x + \Delta x) - F(x)}{\Delta x} = \frac{(x + \Delta x)^{4} - x^{4}}{\Delta x}$
ling (1x + 4 x 2 + 4 x
2×
$\frac{g_{4x}}{g_{x,y_0}} = 4x^3 + 6x^2 g_{x} + 4g_{x}^2 + g_{x}^3 g_{y_x}^3$

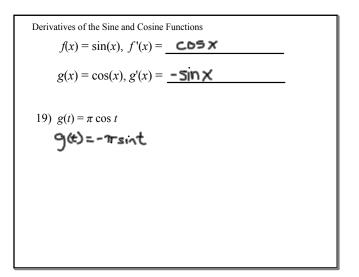


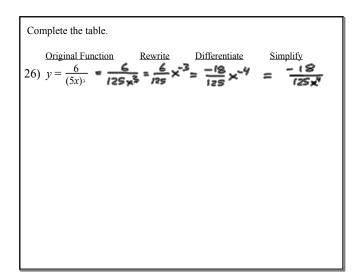


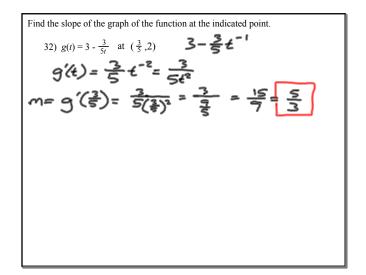


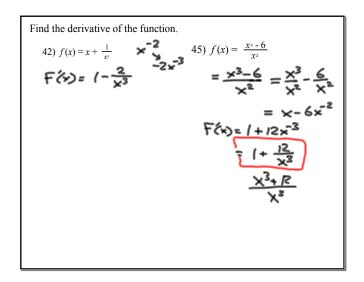


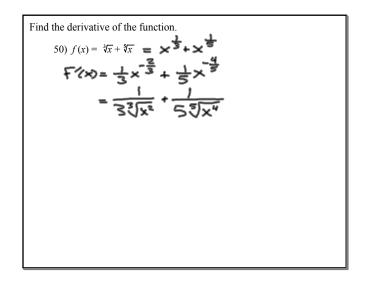












Assignment: Pg. 113 1-53 odd